Attachment 7. a. CEQA Exemption Memo

MEMORANDUM

To:	City of Oceanside
From:	Erin Lucett, Dudek
Subject:	Categorical Exemption Justification Memorandum for the Block 5 and 20 Project
Date:	November 3, 2025
Attachments:	A – Biological Resources Memorandum
	B – Local Transportation Study
	C – Noise Technical Report
	D – Air Quality and Greenhouse Emissions Technical Report
	E – Cultural Resources Inventory Report

1 Executive Summary

This memorandum describes the proposed Block 5 and 20 Project (Project) and demonstrates that the Project is eligible for a Class 32 Exemption for Infill Development pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15332.

The Class 32 (Infill Development) categorical exemption requires projects to be consistent with applicable general plans and zoning designations, located within a city's limits on a site 5 acres or less, bordered by urban uses, and must also be devoid of sensitive habitat for endangered, rare or threatened species. Projects must also not result in significant impacts related to traffic, noise, air quality, or water quality and must be adequately served by public utilities (CEQA Guidelines Section 15332). As detailed in this memorandum, the Project qualifies for a Class 32 categorical exemption as it meets the conditions outlined in Section 15332 and does not meet any of the exceptions to categorical exemptions under CEQA Guidelines Section 15300.2 (Exceptions).

2 Introduction

Project Description

The Project proposes the construction of up to 373 residential units and approximately 5,958 sf of ground floor commercial spaces. The mixed-use development on Block 5 proposes eight stories, with six levels of residential units, two levels of leasing offices, residential amenities, commercial, and above grade parking. The Block 20 development would be seven stories, with five levels of residential units, and two levels of leasing offices, residential amenities, commercial, and above grade parking. Both Block 5 and 20 would have one level of subterranean parking. The total square footage of Block 5 (excluding parking and outdoor commercial space) would be 195,606 sf and Block 20 would be 179,457. The Project will include a total of approximately 560 parking spaces between the two blocks.

Block 5 will include 193 units and Block 20 will include 180 units. Unit types will include two story townhomes and one – and two- bedroom flats. Units will range in size from 474- 1,334 sq ft. Blocks 5 and 20 would provide 335 market-rate units and 38 affordable units designated as low-income affordable homes. With the inclusion of these

38 affordable units, the Project would comply with the provisions of the State Density Bonus Law (Government Code Sections 65915–65918), which stipulates that local governments shall grant a density bonus, incentives/concessions, and/or waivers of development standards to a developer constructing a specified percentage of affordable housing units. Residential amenities would include pools, spas, BBQ areas, rooftop decks, and amenity spaces. Amenity spaces would include but are not limited to fitness rooms, surfboard storage, and bike repair rooms.

Blocks 5 and 20 will include a total of 17,406 sf of commercial uses. Block 5 will consist of 2,321 sf of commercial, 1,141 sf of outdoor commercial, and 4,406 sf of Live-Work space, for a total of 7,868 sf of commercial space. Block 20 will consist of 3,637 sf of commercial, 1,344 sf of outdoor commercial and 4,557 sf of Live-Work space, for a total of 9,538 sf of commercial space. The commercial spaces are designed to allow for flexibility for commercial uses. The design is meant to accommodate uses such as restaurant, retail, and/ or office uses. Commercial spaces are located at the corners of the development to increase visibility to pedestrians.

Existing Conditions

The Project site is two separate blocks (5 and 20) that are adjacent to each other in the City of Oceanside (City) in northwestern San Diego County. Between the two blocks is Oceanside Pier Way, which is a 400-foot walkway that goes underneath the NCTD train tracks, directly east of the Project site. The Project site is comprised of parcel APN 147-370-07-00 containing a total of 3.52 acres, 2.07 of which will be developed. The Project site is bordered by North Myers Street, the NCTD Railroad, the Club Wyndham Oceanside Pier Resort, the Mission Pacific Beach Resort, Mission Avenue, and a multifamily development at the end of Civic Center Drive.

The Project site currently consists of paved public parking lots. Uses surrounding Block 5 include a hotel to the west, multifamily development to the north and northwest, mixed uses to the east and southeast, and Block 20 to the south. Block 20 is surrounded by hotels to the west and south (Block 21), and mixed uses to the east (Block 18) and southeast (Block 19). Primary regional access to the site is provided via the Interstate (I) 5 freeway, which is approximately 0.65 miles from the site. The Project is located approximately 0.26 miles north of the Oceanside Transportation Center. This station is served by Amtrak, the Coaster, the Sprinter, Metrolink, Greyhound, and nine North County Transit District (NCTD) bus lines (NCTD 2025).

3 CEQA Determination – Class 32 Categorical Exemption Applies

The Project qualifies for a Class 32 categorical exemption under CEQA. Pursuant to CEQA Guidelines Section 15332, Class 32 categorical exemptions can be used for projects characterized as in-fill development meeting the following conditions: (1) general plan and zoning consistency; (2) project is within city limits on a site of no more than 5 acres and is substantially surrounded by urban uses; (3) project site has no value as habitat for endangered, rare, or threatened species; (4) project would not result in significant effects to traffic, noise, air quality, or water quality; and (5) the site can be adequately served by all required utilities and public services. Additionally, in order to qualify for a categorical exemption, a project cannot meet any of the “exceptions to exemptions” enumerated in CEQA Guidelines Section 15300.2.

3.1. Land Use Consistency: *The Project is consistent with the applicable general plan designation and all applicable general plan policies, as well as with the applicable zoning designation and regulations.*

An SB 330 preliminary application was submitted for the Project on December 19, 2023. Due to the vesting provided by the SB 330 preliminary application, the Project is subject to the land use and zoning designations that were in effect at the time that the preliminary application was submitted.

The Project site is designated as Downtown (DT) in the City's General Plan and has a zoning designation of Mixed Use (D-1). The Project is consistent with the applicable General Plan and zoning designation and does not propose a rezone or general plan amendment. The Project utilizes the Density Bonus Law (Gov. Code § 65915; Oceanside Zoning Ordinance Article 30, Section 3032) to achieve a density bonus as well as incentives and waivers to deviate from certain development standards. The Project qualifies as a housing development project that is subject to protection by the Housing Accountability Act (Gov. Code § 65589.5.).

The Project utilizes Density Bonus Law waivers to deviate from development standards relating to setbacks (Section 1232), restricted building and stairwell heights (Section 1232), daylight plane restrictions (Section 1232), open space requirements (Section 1232), reduce minimum court dimensions (Section 1232),façade modulation minimum depth (Section 1232); parking lot design requirements (Section 3109, 3110 B.1, 3110 B.2, and 3111); shared on-street loading areas (Section 3103); and increased floor areas to be used for residential purposes in Live/Work units (Section 3035(c). Despite these allowed deviations from the development standards authorized by the Density Bonus Law, the Project would be consistent with the City's General Plan, all applicable plan policies, and meets the requirements of the zoning designation and regulations.

3.2 Site Size and Location/Surrounding Land Uses: *The proposed development occurs within City limits on a Project site of no more than 5 acres substantially surrounded by urban uses.*

The Project site is located entirely within the City of Oceanside, on a site that is 3.52 acres and is surrounded by established commercial and residential urban uses. Land uses surrounding the Project site are described as follows:

North. The Project site is directly bordered to the north by a multifamily development at the end of Civic Center Drive. Uses further north consist of a mix of commercial and multifamily development.

East. The Project site is directly bordered by the NCTD Railroad to the east. On the other side of the NCTD train tracks is a four-story parking garage and a mixed-use residential and commercial building. There are various commercial businesses further east.

South. The Project site is bounded to the south by Mission Avenue. South of Mission Avenue is the SpringHill Suites Oceanside Beach Hotel and a variety of hotels, residences, commercial use, and parking lots.

West. The Project site is adjacent to North Myers Street, the Club Wyndham Oceanside Pier Resort, and the Mission Pacific Beach Resort to the west. Farther west, there is the Junior Seau Beach Community Center, the Pier Plaza, and Oceanside City Beach.

As demonstrated, the Project site is surrounded by urban uses and therefore meets the criteria for site size and location.

3.3 Habitat: *The Project site has no value as habitat for endangered, rare, or threatened species.*

Dudek prepared a Biological Resources Memorandum that is included as Attachment A. The Project site and surrounding area are developed and consist of urban uses. Two non-native vegetation communities and/or land cover types were mapped within the study area; no native, sensitive, or wetland vegetation communities were detected. Vegetation communities observed include disturbed habitat and urban/developed land. Vegetation on the site is limited to palm trees, shrubs, and other decorative plants that border the outskirts of the parking lots. None of these plant species identified on the site are known to support any candidate, sensitive, or special-status species. To comply with the Migratory Bird Treaty Act and California Fish and Game Code Section 3500 et seq, construction activities should avoid the bird nesting season (generally February 1 through August 30) or a pre-construction nesting bird survey shall be conducted by a qualified biologist prior to construction activities. Based on the urbanized nature of the Project site and adjacent properties, in conjunction with a lack of suitable habitat for special-status species, the Project site has no value as habitat for endangered, rare, or threatened species.

3.4 Traffic, Noise, Air Quality, and Water Quality: *Approval of the Project would not result in any significant effects relating to traffic, noise, air quality, or water quality.*

A. Traffic

A Project-Specific Local Transportation Study (LTS) consistent with the City of Oceanside *Traffic* Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment, was prepared to analyze transportation impacts associated with the Project and is included as Attachment B to this memo. Per the T*raffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment*, when a project is consistent with the City's adopted General Plan and is located in a Transit Priority Area, a VMT analysis is not required and impacts related to VMT would to be less than significant. The Project is both consistent with the General Plan and located in a Transit Priority Area, so no VMT analysis is required and VMT impacts would be less than significant.

While the level of service (LOS) methodology is not used for determining CEQA traffic impacts, an LOS analysis was conducted to identify Project effects on the roadway operations in the Project study area and to recommend Project improvements to address noted deficiencies at the intersections of Mission Ave/ Nevada Street and Myers Street/Mission Avenue. The Project would contribute a fair share towards the potential signalization of the intersection of Mission Ave/ Nevada Street that would be paid the City's Thoroughfare and Signal Account. Additionally, the Project would provide signage on westbound Mission Avenue at Myers Street, prohibiting trucks from turning right onto Myers Street and directing trucks to instead proceed through the intersection and turn right at the adjacent Mission Avenue / N. Pacific Street intersection.

Pedestrian access to the site would be available along Mission Avenue, Coast Highway, Cleveland Street, and Myers Street surrounding the site. Existing bicycle access is provided in the immediate vicinity of the Project site, consistent with the City of Oceanside Bike Master Plan or Circulation Element of the General Plan. The Project would not conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities.

Primary site access for both blocks would be located off Myers Street with each building served by one point of entry for its respective parking garage. The Project would not result in an increase in hazardous design or inadequate emergency access. In conclusion, the proposed Project would not result in any significant effects relating to traffic.

B. Noise

A Noise Technical Report was prepared by Dudek for the Project and is included as Attachment C. The report included the evaluation of the following components: short-term construction noise, noise from off-site construction activities, long-term operational noise, traffic noise, HVAC noise, vibration, and noise from airport operations.

1. Construction

As discussed in Attachment C. The Project would include the following Project Design Feature (PDF) PDF-NOI-1 to ensure compliance with the City of Oceanside Noise Ordinance during Project construction.

PDF-NOI-1: During Project construction, the following conditions shall be implemented to the satisfaction of the City Engineer, in:

a. Hours of construction shall be limited to 7 a.m. to 7 p.m. Monday through Friday, and on Saturday.

b. Construction equipment shall be staged at least 500 feet from sensitive noise receptors, where feasible, and shall be shut down within five minutes when immediate use is not planned. This measure shall include idling trucks waiting to deliver or be loaded with materials.

c. The areas designated for equipment maintenance, shall be located as far as practicable from existing residences and maintenance shall not be performed outside the prescribed construction hours.

d. All noise producing construction activities, including warming-up or servicing equipment and any preparation for construction, shall be limited to the hours between 7:00 a.m. and 7:00 p.m.

e. If temporary traffic control signs, warning signs, lighting or other similar pieces of equipment are located within 200 feet of a sensitive receptor, power shall be supplied by batteries or other means not utilizing internal combustion engines.

f. All construction equipment must have appropriate sound muffling devices, which shall be properly maintained and used at all times such equipment is in operation.

g. Discretionary scheduling of noisiest activities shall be implemented to minimize construction noise intrusion.

h. A twelve (12) foot tall temporary noise barrier shall be erected along the eastern Project site property line where the property line is adjacent to the nearest noise sensitive receptors.

With the Project Design Feature outlined above applied to the project, short-term construction noise is predicted to not exceed the FTA guidance of 80 dBA Leq over an 8-hour period.

Short-term increases in roadway noise as a result of construction traffic would occur during Project construction. The highest number of average daily worker trips for all construction phases would be 320 worker trips, 40 vendor trips, and 4 haul truck trips (for a maximum total of 364 one-way trips), occurring during the Building Construction phase. As described in Attachment C, traffic related to construction activities would not result in a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of the Federal Interagency Committee on Noise (FICON) thresholds.

As concluded in Attachment C, vibration resulting from Project construction activities would not result in significant vibration-induced annoyance to occupants of nearby existing homes due to distance between the construction activities and residents. Additionally, construction activities would not result in vibration that would result in risk of vibration damage to nearby structures.

Upon compliance with the City of Oceanside Noise Ordinance through implementation of PDF-1, impacts from Project-related construction noise would be less than significant.

2. Operation

Once operational, the Project is expected to generate a subtotal of 2,301 average daily trips to the roadway system. Traffic noise levels were calculated for Mission Avenue – Coast Highway to Cleveland Street, Mission Avenue – Cleveland Steet to Myers Street, Myers Street – Project Driveway (Block 5) to Pier View Way, Myers Street – Pier View Way to Project Driveway (Block 20), and Myers Street - Project Driveway (Block 20) to Mission Avenue. Based on the FICON thresholds, the predicted increase in traffic noise would not exceed 5 dBA. Therefore, potential impacts on existing off-site noise-sensitive land uses adjacent to the Project (the multi-family residences to the east of the Project) would be less than significant.

Stationary noise sources for the Project would include roof-mounted air-conditioning equipment, exhaust fans for ventilation in the parking garage, and other stationary noise sources typical of mixed-use land uses. Predicted noise levels of this equipment during Project operation, would be lower than the City's 55 dBA Leq daytime threshold and 50 dBA Leq nighttime threshold for high density residential land uses. Therefore, impacts associated with stationary operations noise would be less than significant.

Once operational, the proposed Project would not be expected to feature major producers of ground-borne vibration. Anticipated mechanical systems like heating, ventilation, and air-conditioning units are designed and manufactured to feature rotating (fans, motors) and reciprocating (compressors) components that are well-balanced with isolated vibration within or external to the equipment casings. On this basis, potential vibration impacts due to proposed Project operation would be less than significant.

The closest airport to the proposed Project site is the John Nichol's Field Airport approximately 3.15 miles northwest of the Project boundary. Therefore, airport noise impacts would be less than significant.

In conclusion, the proposed Project would not result in any significant effects relating to noise.

C. Air Quality

An Air Quality and Greenhouse Gas Technical Report was prepared by Dudek for the proposed Project (Attachment D). Impacts were evaluated for their significance based on the San Diego Air Pollution Control District's (SDAPCD) mass daily criteria air pollutant thresholds of significance. Construction and operational emissions in the technical report were analyzed using the City's General Plan, California Emissions Estimator Model (CalEEMod) Version 2022, the SANDAG population projections, the State Implementation Plan for Regional Air Quality Strategy, the San Diego Air Pollution Control District (SDAPCD) thresholds, the 2022 California Air Resources Board (CARB) Scoping Plan, and the SANDAG Regional Plan: San Diego Forward.

The Project would implement the following construction-related PDF intended to reduce emissions of criteria air pollutants and toxic air contaminants (TACs):

> PDF-AQ-1: Prior to the commencement of any construction activities, the Project applicant or its designee shall provide evidence to the City of Oceanside (City) that (1) for off-road equipment with engines rated at 25 horsepower or greater, no construction equipment shall be used that is less than Tier 4 Final, and (2) for off-road equipment with engines rated less than 25 horsepower, all construction equipment used shall be electrically powered. An exemption from this requirement may be granted if (1) the applicant documents equipment with Tier 4 engines are not reasonably available, and (2) the required corresponding reductions in criteria air pollutant emissions can be achieved for the Project from other combinations of construction equipment (for example, another piece of equipment can be replaced with a zero-emission equipment to offset the emissions associated with using a piece of equipment that does not meet Tier 4 Final standards). Before an exemption may be granted, the applicant's construction contractor shall (1) demonstrate that at least three construction fleet owners/operators in San Diego County were contacted and that those owners/operators confirmed Tier 4 Final equipment could not be located within San Diego County during the desired construction schedule, and (2) the proposed replacement equipment has been evaluated using the California Emissions Estimator Model or other industry standard emission estimation method and documentation has been provided to the City to confirm that necessary Project-generated emissions reductions are achieved.

PDF-AQ—1 would be required as an imposed Conditions of Approval by the City of Oceanside to ensure that it is implemented during construction of the Project.

The increase in the housing units and associated vehicle-source emissions from the Project is not anticipated to result in air quality impacts that were not envisioned in the growth projections and Regional Air Quality Strategy RAQS, and the minor increase in residential units in the region would not obstruct or impede implementation of local air quality plans. Thus, implementation of the Project would not result in development in excess of that anticipated in local plans or increases in population/housing growth beyond those contemplated by SANDAG and the Project would be consistent at a regional level with the underlying growth forecasts in the RAQS and would not conflict with an applicable air quality plan.

As demonstrated in Attachment D the emissions of all criteria pollutants from the Project's construction and operations would be below the SDAPCD's significance thresholds for any criteria air pollutant. As a result, the Project would not result in a cumulatively considerable contribution to regional O_3 concentrations or other criteria pollutant emissions. Cumulative impacts for construction and operation would be less than significant for the Project.

In regard to potential carbon monoxide hotspots, toxic air contaminants, health impacts from Project-related criteria air pollutant emissions, and valley fever, the proposed Project would have less than significant impacts. Similarly, the Project would have less than significant impacts to odors generated from Project construction and/or operation.

In conclusion, the proposed Project would not result in any significant effects relating to air quality.

D. Water Quality

The Project is not anticipated to have a substantial adverse effect on water quality. The Project site has previously been developed, and does not contain any streams, rivers, or waterbodies. CEQA threshold questions pertaining to water quality (from Appendix G of the CEQA Guidelines) are addressed below.

Would the Project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

1. Construction

The Project site is located within a developed urbanized and commercial area and does not contain any streams, rivers, or waterbodies. Construction activities associated with the Project are subject to the implementation of stormwater best management practices (BMPs). To avoid adverse impacts on water quality, the applicant and their construction contractors would be required to conduct construction activities in accordance with the statewide Construction General Permit (Order No. 2022-0057-DWQ/CAS000002, as amended). This would include compliance with the Phase I Regional Municipal Separate Storm Sewer System Permit (National Pollutant Discharge Elimination System [NPDES] Permit No. CAS0109266), which requires regulation of surface water quality.

In addition, pursuant to the City's Municipal Code Section 40.2, grading activities would be required to be performed in compliance with the NPDES requirements and must implement BMPs prior to commencement of grading activities. Compliance with all applicable federal, state, and local requirements concerning the handling, storage, and disposal of hazardous waste would reduce the potential for the release of contaminants into the groundwater and would not cause a violation of regulatory water quality standards related to surface water or groundwater. Further, implementation of BMPs to minimize erosion and sedimentation would ensure that Project construction would not substantially degrade surface or groundwater quality.

2. Operation

Project operations would not introduce any significant industrial discharges and, therefore, would not violate any water quality standards or waste discharge requirements related to non-stormwater discharges. Under current conditions, the Project site produces nonpoint source pollutants associated with stormwater runoff. The existing Project site is developed with a temporary parking lotthat would be demolished prior to Project construction.

During redevelopment of the Project site, modern stormwater runoff design requirements and operational practices would be required pursuant to City regulatory requirements. Compliance with such requirements may reduce the volume of stormwater runoff from the site and would likely improve the quality of such runoff. A Stormwater Quality Management Plan shall accompany all development permit applications. Therefore, the Project would capture and convey stormwater consistent with applicable regulations and would not substantially degrade surface or groundwater quality.

Would the Project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would result in substantial erosion or siltation on- or off-site or create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

The Project site currently consists of impermeable parking lots and Project implementation would not substantially increase the amount of impermeable surface.

Stormwater runoff from the proposed Project is anticipated to be conveyed to proprietary modular biofiltration systems and smaller above ground planters would provide the volume retention requirements. The majority of the site flow will then be discharged into storm drain curb inlets on North Myers Street, then travel continuously within storm drainpipe and cleanouts westerly down Pier View Way, then discharges to Pacific Ocean. The remainder will travel north and then west in the gutter to make its way to a storm drain that discharges into the Pacific Ocean.

The Project site does not contain any streams, rivers, or waterbodies. The proposed Project is not anticipated to result in substantial erosion of siltation, to increase the rate or amount of surface runoff from the site or create runoff that would exceed the capacity of the stormwater drainage system. Due to the developed nature of the Project site and required compliance with existing regulations, any alterations to the existing drainage pattern on the Project site would not result in significant, adverse impacts.

Would the Project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

The Project site is not within any groundwater basin. As noted above, the Project will not violate any water quality standards, and measures would be taken both during construction and throughout operation to prevent potential contaminants from leaving the site by runoff. Through compliance with Regional Water Quality Control Board requirements and implementation of a stormwater pollution prevention plan (construction phase), the Project would not conflict with or obstruct implementation of the Sustainable Groundwater Management Act. Thus, the proposed Project would not result in substantial conflict nor obstruction of the implementation of a water quality control plan or sustainable groundwater management plan. Additionally, the Project site is primarily impervious under existing conditions and is not considered a significant groundwater recharge area. Therefore, no significant, adverse impacts would be caused due to conflict with a water quality control plan or sustainable groundwater management plan.

E. Summary

In conclusion, development of the proposed Project has been evaluated for its potential to result in significant effects relating to traffic, noise, air quality, and water quality. No significant effects were identified, as described above and further substantiated in Attachments A, B, C, and D to this memorandum.

3.6 Utilities and Public Services: *The Project site can be adequately served by all required utilities and public services.*

The Project is located in an infill urban area served by existing public utilities and services and is situated on a site currently developed with multiple commercial properties. Water service to the Project would be provided by the City of Oceanside Water Utilities Department. The Project would connect to existing water lines and water infrastructure and the proposed project is consistent with the anticipated population for the area. Thus, the Project site is anticipated to be sufficiently served by local water services. Wastewater service to the Project would be provided

by the City of Oceanside Water Utilities Department's wastewater services. Wastewater from the proposed Project would be treated by the La Salina Wastewater Treatment Plant. The Project would connect to the public sewer system and existing sewer infrastructure. Electricity service to the Project site would be provided by San Diego Gas & Electric. The Project would connect to existing electricity infrastructure. Therefore, the Project site will be adequately served by all public utilities and services.

3.7 CEQA Section 15300.2: Exceptions to the Use of Categorical Exemptions

There are five exceptions that must be considered in order to find a project exempt under Class 32:

(a) **Cumulative Impacts.** *All exemptions for these classes are inapplicable when the cumulative impact of successive projects of the same type in the same place, over time is significant.*

The proposed Project complies with the applicable General Plan and zoning designations. The Project would be required to comply with all applicable local, regional, and state laws, regulations, and guidelines. Other cumulative projects also would be subject to the same City and state regulations.

Air Quality. As concluded in Attachment D, the project would not exceed the SDAPCD significance thresholds for VOCs, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ and is consistent with the growth anticipated by local plans would be consistent with the SIP and RAQS. Therefore, the project would not result in cumulatively considerable impacts related to air quality.

Noise. Similar to the proposed Project, cumulative projects would also be required to comply with the City of Oceanside Noise Ordinance and applicable noise thresholds.

Transportation. As described above, the Project is consistent with the City's adopted General Plan and is located in a Transit Priority Area and would result in a less than significant impact related to VMT analysis. Therefore, the Project would not contribute to a cumulative impact related to VMT.

Water Quality. Similar to the proposed Project, all cumulative projects would be required to comply with the Phase I Regional Municipal Separate Storm Sewer System Permit (National Pollutant Discharge Elimination System [NPDES] Permit No. CAS0109266).

As described in the above analysis, any potential impact caused by the Project's construction and operation would continue to be less than significant and would not contribute significantly to regional cumulative impact in the broader Project region. Therefore, this exception does not apply.

(b) **Significant Effect Due to Unusual Circumstances.** *A categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances.*

The Project proposes a mixed-use development that is consistent with the land use designation and zoning for the site. The surrounding area is developed with a mixture of residential and commercial uses; as such, the proposed Project is not unusual in character for the area. The Project site is 3.52 acres and almost entirely covered by impervious surfaces. As described above, the proposed Project has been studied for its potential to cause environmental impacts in a variety of categories, including air quality, noise, traffic, and water quality. No significant effects were identified in those categories. As indicated above, the Project would not result in impacts to biological resources as little to none exist on the Project site or surrounding area.

Also, the Project is not located in an area that has hazardous characteristics. The Project site is not located in or near a state responsibility area or lands classified as very high fire hazard severity zones by the California Department of Forestry and Fire Protection (CAL FIRE 2025). The Project is located with an X Flood Zone as designated by the Federal Emergency Management Agency. This designation indicates that the Project area is subject to inundation by a 0.2%-annual-chance flood event, and the area is subject to 1%-annual-chance of flood with average depth less than 1 foot or with drainage areas of less than 1 square mile (FEMA 2025). This zone designation, and its implications, does not represent an unusual circumstance.

There is no substantial evidence that this Project will cause a significant impact. The Project site has been designated for residential and commercial development by the General Plan. The circumstances of the Project, which involve redevelopment of two parking lots with a new mixed-use project and are no different than the general circumstances of other projects covered by this exemption classification, within the General Plan area or elsewhere in the City. There are no physical and aesthetic features of the Project that have the possibility to significantly impact the environment as compared to other surrounding projects and development. Thus, there are no unusual circumstances which may lead to a significant effect on the environment, and this exception does not apply.

(c) **Scenic Highways.** *A categorical exemption shall not be used for a project which may result in damage to scenic resources, including but not limited to, trees, historic buildings, rock outcroppings, or similar resources, within a highway officially designated as a state scenic highway.*

There are no designated state scenic highways in the City of Oceanside, and the Project would not impact any adjacent scenic resources such as trees, historic buildings, rock outcroppings, or similar resources. Therefore, the Project would not result in any impacts to a designated state scenic highway or other scenic resource, and this exception does not apply.

(d) **Hazardous Waste Sites.** *A categorical exemption shall not be used for a project located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code.*

The Project site has not been identified as a hazardous waste site and there are no hazardous sites nearby the Project site (DTSC 2025, SWRCB 2025). Therefore, the Project site is not identified as a hazardous waste site and is not in the vicinity of a hazardous waste site, and this exception does not apply.

(e) **Historical Resources.** A categorical exemption shall not be used for a project which may cause a substantial adverse change in the significance of a historical resource.

A Cultural Resources Inventory Report was prepared by Dudek (Attachment E) to determine if the Project would impact any historical resources pursuant to CEQA. The report included the results of a survey of the Project site by a qualified archaeologist, building development and archival research, and development of an appropriate historic context for the evaluation of the Project site.

Dudek conducted a California Historical Resources Information System (CHRIS) records search and a 1-mile radius of the Project area at the South Coastal Information Center (SCIC) on March 1, 2024. The SCIC records search results did not identify any cultural resources within the Project area and the records search results did identify 31 previously recorded resources within 1-mile of the Project. A total of 249 historic addresses are located within 1-mile of the Project area, and none of these historic addresses are not located within the Project area. During Dudek's site visit, no artifacts or features were identified during the site visit and no cultural resources are located within the Project area.

The report concluded that the Project site has no available structures able to be listed or eligible in any national, state, or local landmark or historic district programs. While the 15300.2(f) exception only applies to historical resources, the project will include a cultural monitoring PDF given that such monitoring constitutes a best practice for construction. As such, development of the Project would not cause a substantial adverse change in the significance of a historical resource, and this exception does not apply.

4 Conclusion

For the reasons described above, the Project meets all of the criteria for a Class 32 Categorical Exemption.

5 References

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Noise Technical Report

Oceanside Blocks 5 & 20 Mixed Use Development Project City of Oceanside, California

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Table of Contents

SECTION **PAGE NO.**

Acronyms and Abbreviations iii

1 Introduction 1
- 1.1 Report Purpose and Scope 1
- 1.2 Regional and Local Setting 1
- 1.3 Project Description 1
- 1.4 Fundamentals of Noise and Vibration 2
  - 1.4.1 Sound, Noise, and Acoustics 2
  - 1.4.2 Sound Pressure Levels and Decibels 2
  - 1.4.3 A-Weighted Sound Level 7
  - 1.4.4 Human Response to Changes in Noise Levels 8
  - 1.4.5 Noise Descriptors 8
  - 1.4.6 Sound Propagation 8
  - 1.4.7 Ground-borne Vibration Fundamentals 9

2 Regulatory Setting 11
- 2.1 Federal 11
  - 2.1.1 Federal Transit Administration 11
  - 2.1.2 Federal Interagency Committee on Noise 11
- 2.2 State 11
  - 2.2.1 California Code of Regulations, Title 24 11
  - 2.2.2 California Department of Health Services Guidelines 12
  - 2.2.3 California Department of Transportation 12
- 2.3 Local 12
  - 2.3.1 City of Oceanside Noise Control Ordinance 12
  - 2.3.2 The City of Oceanside General Plan Noise Element 13

3 Existing Conditions 15

4 Thresholds of Significance 19

5 Impact Discussion 21

6 Summary of Findings 35

7 References Cited 37

TABLES

Table 1. Typical Sound Levels in the Environment and Industry 7

Table 2. City of Oceanside General Sound Level Limits (in dBA) 13

Table 3. Measured Baseline Outdoor Ambient Noise Levels 15
Table 4. Typical Construction Equipment Maximum Noise Levels 21
Table 5. Estimated Distances between Construction Activities and the Nearest Noise-Sensitive Receiver Positions 22
Table 6. Predicted Construction Noise Levels per Activity Phase 24
Table 7. Predicted Traffic Noise Levels 27
Table 8. Modeled Sound Power Levels (PWL) for Stationary Roof-Mounted Sources (HVAC) 28

FIGURES

Figure 1 Project Location 3
Figure 2 Site Plan 5
Figure 3 Noise Measurement Locations 17
Figure 4 Predicted Stationary Source Operation Noise Levels at Highest Floors of Adjacent Sensitive Receptors 31

APPENDICES

A Baseline Noise Measurement Field Data
B Construction Noise Modeling Input and Output
C Traffic Noise Modeling Input and Output
D Project Sound Source Calculation Data

Acronyms and Abbreviations

Acronym/Abbreviation	Definition
ACC	Air-cooled condensers
ADT	Average Daily Traffic
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
City	City of Oceanside
CNEL	Community Noise Equivalent Level
County	San Diego County
dB	decibel
dBA	A-weighted decibel
DOT	Department of Transportation
FICON	Federal Interagency Committee on Noise
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
HVAC	Heating, ventilation, and air conditioning
ips	inches per second
ISO	International Organization of Standardization
L_{dn}	day–night average noise level
L_{eq}	equivalent noise level
L_{max}	maximum sound level
L_{min}	minimum sound level
LT	Long-term
OBCF	Octave-band center frequency
OPR	Governor's Office of Planning and Research
Oceanside Blocks 5 & 20 Mixed-Use Development Project	proposed project
PPV	peak particle velocity
PWL	Sound power level
RCNM	Roadway Construction Noise Model
sf	Square Feet
SLM	Sound level meter
SPL	Sound pressure level
ST	Short-term
VdB	Velocity Decibel

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1 Introduction

1.1 Report Purpose and Scope

The purpose of this technical report is to assess the potential noise impacts associated with construction and operation of the Blocks 5 and 20 Oceanside project (project). This analysis uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.). The City of Oceanside (City) is the lead agency responsible for compliance with the California Environmental Quality Act (CEQA) for the current project.

1.2 Regional and Local Setting

The Project site is located between at North Myers Street and NCTD Railroad, and the multifamily development located at the east end of Civic Center Drive on the north and Mission Avenue on the south in the City of Oceanside in northwestern San Diego County (Figure 1, Project Location). The Project site is comprised of parcel APN 147-370-07-00 containing a total of 3.52 acres, 2.07 acres of which will be developed. The project site currently consists of paved privately owned public parking lots. Uses surrounding Block 5 includes a hotel to the west, multifamily development to the north and northwest, mixed uses to the east and southeast, and Block 20 to the south. Block 20 is surrounded by hotels to the west and south (Block 21), and mixed uses to the east (Block 18) and southeast (Block 19) (Figure 2, Project Area).

1.3 Project Description

The project includes the development in Downtown Oceanside. The two-block development will include up to 373 residential units and approximately 5,958 square feet (sf) of ground floor commercial spaces. The mixed-use development on Block 5 proposes eight stories, with six levels of residential units, two levels of leasing, residential amenities, commercial, and above grade parking. Total square footage of Block 5 (excluding parking and outdoor commercial space) would be 195,606 sf and Block 20 would be 179,457. The Block 20 development would be seven stories, with six levels of residential units, two levels of leasing, residential amenities, commercial, and above grade parking. Both Block 5 and 20 would have one level of subterranean parking. The project will include a total of 560 parking spaces between the two blocks.

Residential

Block 5 will include 193 units and Block 20 will include 180 units. Unit types will include two story townhomes and one– and two-bedroom flats. Units will range in size from 474- 1,334 square feet. Blocks 5 and 20 would provide 335 market-rate units and 38 affordable units designated as low-income affordable homes. Residential amenities would include pools, spas, BBQ areas, rooftop decks, and amenity spaces. Amenity spaces would include, but are not limited to, fitness rooms, surfboard storage, and bike repair rooms.

Commercial

Block 5 and 20 will include a total of 17,406 sf of commercial uses. Block 5 will consist of 2,321 sf of commercial, 1,141 sf of outdoor commercial, and 4,406 sf of Live-Work space, for a total of 7,868 sf of commercial space. Block

20 will consist of 3,637 sf of commercial,1,344 sf of outdoor commercial and 4,557 sf of Live-Work space, for a total of 9,538 sf of commercial space. The commercial spaces are designed to allow for flexibility for commercial uses. The design is meant to accommodate uses such as restaurant, retail, and/ or office uses. Commercial spaces are located at the corners of the development to increase visibility to pedestrians.

1.4 Fundamentals of Noise and Vibration

The following is a brief discussion of fundamental noise concepts and terminology.

1.4.1 Sound, Noise, and Acoustics

Sound is a process that consists of three components: the sound source, sound path, and sound receptor. All three components must be present for sound to exist. Without a source to produce sound, there is no sound. Similarly, without a medium to transmit sound pressure waves, there is no sound. Finally, sound must be received; a hearing organ, sensor, or object must be present to perceive, register, or be affected by sound or noise. In most situations, there are many different sound sources, paths, and receptors rather than just one of each. Acoustics is the field of science that deals with the production, propagation, reception, effects, and control of sound. Noise is defined as sound that is loud, unpleasant, unexpected, or undesired.

1.4.2 Sound Pressure Levels and Decibels

The amplitude of a sound wave determines its loudness. Loudness of sound increases with increasing amplitude. Sound pressure amplitude is measured in units of micronewtons per square meter, also called micropascals. One micropascal is approximately one-hundred billionth (0.00000000001) of normal atmospheric pressure. The pressure of a very loud sound may be 200 million micropascals, or 10 million times the pressure of the weakest audible sound. Because expressing sound levels in terms of micropascals would be very cumbersome and the sensitivity of human hearing to changes in micropascals is rather coarse (e.g., a doubling of micropascals is just audible to most people), sound pressure level in logarithmic units is used instead to describe the ratio of actual sound pressure to a reference pressure squared. These units are called Bels. To provide a finer resolution, a Bel is subdivided into 10 decibels (dB).

Figure 1 Project Location

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Figure 2 Site Plan

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1.4.3 A-Weighted Sound Level

Sound pressure level alone is not a reliable indicator of loudness. The frequency, or pitch, of a sound also has a substantial effect on how humans will respond. Although the intensity (energy per unit area) of the sound is a purely physical quantity, the loudness, or human response, is determined by the characteristics of the human ear.

Human hearing is limited not only in the range of audible frequencies, but also in the way it perceives the sound in that range. In general, the healthy human ear is most sensitive to sounds between 1,000 and 5,000 hertz, and it perceives a sound within that range as more intense than a sound of higher or lower frequency with the same magnitude. To approximate the frequency response of the human ear, a series of sound level adjustments is usually applied to the sound measured by a sound level meter. The adjustments (referred to as a weighting network) are frequency-dependent.

The A-scale weighting network approximates the frequency response of the average young ear when listening to ordinary sounds. When people make judgments about the relative loudness or annoyance of a sound, their judgments correlate well with the A-scale sound levels of those sounds. Other weighting networks have been devised to address high noise levels or other special situations (e.g., B-scale, C-scale, and D-scale), but these scales are rarely used in conjunction with most environmental noise evaluations. Noise levels are typically reported in terms of A-weighted sound levels. All sound levels discussed in this report are A-weighted decibels (dBA). Examples of typical noise levels for common indoor and outdoor activities are depicted in Table 1.

Table 1. Typical Sound Levels in the Environment and Industry

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
—	110	Rock band
Jet fly over at 300 meters (1,000 feet)	100	—
Gas lawn mower at 1 meter (3 feet)	90	—
Diesel truck at 15 meters (50 feet), at 80 kilometers per hour (50 miles per hour)	80	Food blender at 1 meter (3 feet); garbage disposal at 1 meter (3 feet)
Noisy urban area, daytime; gas lawn mower at 30 meters (100 feet)	70	Vacuum cleaner at 3 meters (10 feet)
Commercial area; heavy traffic at 90 meters (300 feet)	60	Normal speech at 1 meter (3 feet)
Quiet urban, daytime	50	Large business office; dishwasher next room
Quiet urban, nighttime	40	Theater; large conference room (background)
Quiet suburban, nighttime	30	Library
Quiet rural, nighttime	20	Bedroom at night; concert hall (background)
—	10	Broadcast/Recording studio
Lowest threshold of human hearing	0	Lowest threshold of human hearing

Source: Caltrans 2020.

1.4.4 Human Response to Changes in Noise Levels

Under controlled conditions in an acoustics laboratory, the trained, healthy human ear is able to discern changes in sound pressure levels of 1 dBA when exposed to steady, single-frequency signals in the mid-frequency range. Outside such controlled conditions, the trained ear can detect changes of 2 dBA in normal environmental noise. It is widely accepted that the average healthy ear, however, can barely perceive noise level changes of 3 dBA. A change of 5 dBA is readily perceptible, and a change of 10 dBA is perceived as twice (if a gain) or half (if a loss) as loud. A doubling of sound energy results in a 3 dBA increase in sound, which means that a doubling of sound energy (e.g., doubling the volume of traffic on a road) would result in a barely perceptible change in sound level.

1.4.5 Noise Descriptors

Additional units of measure have been developed to evaluate the long-term characteristics of sound. The energy-equivalent sound level (L_{eq}) is also referred to as the time-average sound level. It is the equivalent steady-state or constant sound level that in a stated period of time would contain the same acoustical energy as the time-varying sound level during the same time period. For instance, the 1-hour A-weighted equivalent sound level, $L_{eq(h)}$, is the energy average of the A-weighted sound levels occurring during a 1-hour period, and is the basis for most of the City Noise Ordinance standards.

People are generally more sensitive to and thus potentially more annoyed by noise occurring during the evening and nighttime hours. Hence, another noise descriptor used in community noise assessments—the community noise equivalent level (CNEL)—represents a time-weighted, 24-hour average noise level based on the A-weighted sound level. However, unlike an unmodified 24-hour L_{eq} value, the CNEL descriptor accounts for increased noise sensitivity during the evening (7 p.m. to 10 p.m.) and nighttime (10 p.m. to 7 a.m.) by adding 5 dBA and 10 dBA, respectively, to the average sound levels occurring during these defined hours within a 24-hour period. Whereas CNEL is used mostly in California, the L_{dn} descriptor (day-night average noise level, which is the same as CNEL with the only exception of not including the 5 dBA evening correction) is used more often for environmental noise evaluations for federal projects.

1.4.6 Sound Propagation

Sound propagation (i.e., the traverse of sound from a noise emission source position to a receptor location) is influenced by multiple factors that include geometric spreading, ground absorption, atmospheric effects, and occlusion by natural terrain and/or features of the built environment.

Sound levels attenuate (or diminish) geometrically at a rate of approximately 6 dBA per doubling of distance from an outdoor stationary point-type source due to the spherical spreading of sound energy with increasing distance travelled. The effects of atmospheric conditions such as humidity, temperature, and wind gradients are typically distance-dependent and can also temporarily either increase or decrease sound levels measured or perceived at a receptor location. In general, the greater the distance the receptor is from the source of sound emission, the greater the potential for variation in sound levels at the receptor due to these atmospheric effects. Additional attenuation can result from sound path occlusion and diffraction due to intervention of natural (ridgelines, dense forests, etc.) and built features (such as solid walls, buildings, and other structures).

1.4.7 Ground-borne Vibration Fundamentals

Ground-borne vibration is fluctuating or oscillatory motion transmitted through the ground mass (i.e., soils, clays, and rock strata). The strength of ground-borne vibration attenuates rapidly over distance. Some soil types transmit vibration quite efficiently; other types (primarily sandy soils) do not. Several basic measurement units are commonly used to describe the intensity of ground vibration. The descriptors used by the Federal Transit Administration (FTA) are peak particle velocity (PPV), in units of inches per second (ips), and velocity decibel (VdB) that is based on a root-mean square (RMS) of the vibration signal magnitude. The calculation to determine PPV at a given distance is as follows:

$$PPV_{distance} = PPV_{ref}*(25/D)^{1.5}$$

Where:

$PPV_{distance}$ = the peak particle velocity in inches per second of the equipment adjusted for distance

PPV_{ref} = the reference vibration level in inches per second at 25 feet

D = the distance from the equipment to the receptor

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2 Regulatory Setting

2.1 Federal

2.1.1 Federal Transit Administration

In its Transit Noise and Vibration Impact Assessment guidance manual, the FTA recommends a daytime construction noise level threshold of 80 dBA L_{eq} over an 8-hour period (FTA 2018) when detailed construction noise assessments are performed to evaluate potential impacts to community residences surrounding a project. Although this FTA guidance is not a regulation, it can serve as a quantified standard in the absence of such noise limits at the state and local jurisdictional levels.

2.1.2 Federal Interagency Committee on Noise

Some guidance regarding the determination of a substantial permanent increase in ambient noise levels in the project vicinity above existing levels is provided by the 1992 findings of the Federal Interagency Committee on Noise (FICON 1992), which assessed the annoyance effects of changes in ambient noise levels resulting from aircraft operations. The FICON recommendations are based upon studies that relate aircraft and traffic noise levels to the percentage of persons highly annoyed by the noise. Annoyance is a qualitative measure of the adverse reaction of people to noise that generates speech interference, sleep disturbance, or interference with the desire for a tranquil environment.

The rationale for the FICON recommendations is that it is possible to consistently describe the annoyance of people exposed to transportation noise in terms of L_{dn}. The changes in noise exposure that are shown below are expected to result in equal changes in annoyance at sensitive land uses. Although the FICON recommendations were specifically developed to address aircraft noise impacts, they are used in this analysis to define a substantial increase in community noise levels related to all transportation noise sources and permanent non-transportation noise sources.

- Outdoor ambient sound level without the project is less than 60 dBA L_{dn}, then a project-attributed increase of 5 dBA or more would be considered significant;
- Outdoor ambient sound level without the project is between 60 and 65 dBA L_{dn}, project-attributed increase of 3 dBA or more would be considered significant; and
- Outdoor ambient sound level without the project is greater than 65 dBA L_{dn}, then project-attributed increase of 1.5 dBA or more would be considered significant.

2.2 State

2.2.1 California Code of Regulations, Title 24

Title 24 of the California Code of Regulations sets standards that new developments in California must meet. According to Title 24, interior noise levels are not to exceed 45 dBA CNEL in any habitable room (ICC 2019).

2.2.2 California Department of Health Services Guidelines

The California Department of Health Services has developed guidelines of community noise acceptability for use by local agencies (OPR 2017). Selected relevant levels are listed here:

- Below 60 dBA CNEL: normally acceptable for low-density residential use
- 50 to 70 dBA CNEL: conditionally acceptable for low-density residential use
- Below 65 dBA CNEL: normally acceptable for high-density residential use and transient lodging
- 60 to 70 dBA CNEL: conditionally acceptable for high-density residential, transient lodging, churches, educational, and medical facilities

The normally acceptable exterior noise level for high-density residential use is up to 65 dBA CNEL. Additionally, this exterior noise level limit is consistent with the City of Oceanside General Plan Noise Element, which considers multi-family units to be noise-sensitive land uses.

2.2.3 California Department of Transportation

In its Transportation and Construction Vibration Guidance Manual (Caltrans 2020), the California Department of Transportation (Caltrans) recommends 0.5 ips PPV as a threshold for the avoidance of structural damage to typical newer residential buildings exposed to continuous or frequent intermittent sources of ground-borne vibration. For transient vibration events, such as blasting, the damage risk threshold would be 1.0 ips PPV (Caltrans 2020) at the same type of newer residential structures. For older structures, these guidance thresholds would be more stringent: 0.3 ips PPV for continuous/intermittent vibration sources, and 0.5 ips PPV for transient vibration events. With respect to human annoyance, Caltrans guidance indicates that building occupants exposed to continuous ground-borne vibration in the range of 0.2-0.6 ips PPV would find it “unpleasant or “annoying” and thus a likely significant impact. Although these Caltrans guidance thresholds are not regulations, they can serve as quantified standards in the absence of such limits at the local jurisdictional level.

2.3 Local

2.3.1 City of Oceanside Noise Control Ordinance

The City of Oceanside Noise Ordinance (Oceanside Municipal Code Chapter 38) (City of Oceanside 2022) contains regulations restricting land use related noise-generating activities and operations, so as to avoid noise nuisance in the community. Section 38.12 of the Municipal Code establishes the maximum allowable exterior noise limits, based upon the classification of the source land use. These standards typically apply to stationary sources such as noise from mechanical equipment (including mechanical ventilation and air conditioning noise, pool pump noise, etc.) or event noise, as opposed to traffic noise. For instance, a school, commercial enterprise, or industrial operation must not generate noise that exceeds a certain specified noise level at any property boundary. The property-line noise standards are presented in Table 2.

Table 2. City of Oceanside General Sound Level Limits (in dBA)

Base District Zone	7:00 a.m. to 9:59 p.m.	10:00 p.m. to 6:59 a.m.
RE (Residential Estate)	50	45
RS (Single-Family)	50	45
RM (Medium Density)	50	45
RH (High Density)	55	50
RT (Residential Tourist)	55	50
C (Commercial)	65	60
I (Industrial)	70	65
D (Downtown)	65	55
A (Agricultural)	50	45
OS (Open Space)	50	45

Source: City of Oceanside, 2022

Additionally, Section 38.12(c) establishes the limits for joint boundaries where land uses differ between adjacent properties. The Municipal Code states: "when property lines form the joint boundary of two base district zones, the sound level limit shall be the arithmetic mean of the limit applicable to each of the two zones." The project land use is designated as downtown land uses, and would therefore be limited to 65 dBA between the hours of 7:00 a.m. to 9:59 p.m. and 55 dBA between the hours of 10:00 p.m. to 6:59 a.m. The adjacent high density residential and residential tourist uses are also designated as downtown land uses and are limited to 65 dBA between the hours of 7:00 a.m. to 9:59 p.m. and 55 dBA between the hours of 10:00 p.m. to 6:59 a.m.

Construction activities are subject to Section 38.17 of the Noise Ordinance, which specifically prohibits the operation of any pneumatic or air hammer, pile driver, steam shovel, derrick, steam, or electric hoist, parking lot cleaning equipment, or other appliance, the use of which is attended by loud or unusual noise, between the hours of 10:00 p.m. and 7:00 a.m.

Section 38.16 prohibits nuisance noise. It is unlawful for any person to make, continue, or cause to be made or continued within the limits of the City any disturbing, excessive, or offensive noise that causes discomfort or annoyance to reasonable persons of normal sensitivity. However, Section 3815 provides construction, maintenance or other public improvement activities by government agencies or public utilities may be exempt from the noise level limits upon the city manager (or manager's designee) determination that the authorization furthers the public interest.

Finally, Section 6.25(a) limits construction to between the hours of 7:00 a.m. and 7:00 p.m., Monday through Saturday. Construction is not allowed on Sunday or federal holidays.

2.3.2 The City of Oceanside General Plan Noise Element

The City of Oceanside General Plan Noise Element provides suggested controls for construction noise generated by projects within the City limits. The Noise Element suggestions state that:

1. It should be unlawful for any person within any residential zone or 500 feet therefrom to operate any pile driver, power shovel, pneumatic, power hoist, or other construction equipment between 8:00 p.m. and 7:00 a.m. generating an ambient noise level of 50 dBA at any property line, unless an emergency exists.

2. It should be unlawful for any person to operate any construction equipment at a level in excess of 85 dBA at 100 feet from the source.
3. It should be unlawful for any person to engage in construction activities between 6:00 p.m. and 7:00 a.m. when such activities exceed the ambient noise level by 5 dBA. A special permit may be granted by the Director of Public Works if extenuating circumstances exist.

In addition, the Noise Element addresses nuisance noise and states that it should be unlawful for any person to make or continue any loud, unnecessary noise that causes annoyance to any reasonable person of normal sensitivity.

The Oceanside Noise Element outlines general goals, objectives, and noise policies as follows:

Goal: To minimize the effects of excessive noise in the City of Oceanside.

Objective: To protect the residents and visitors to Oceanside from noise pollution. To improve the quality of Oceanside's environment.

Policies:

- Noise levels shall not be so loud as to cause danger to public health in all zones except manufacturing zones where noise levels may be greater.
- Noise shall be controlled at the source where possible.
- Noise shall be intercepted by barriers or dissipated by space where the source cannot be controlled.
- Noise shall be reduced from structures by the use of soundproofing where other controls fail or are impractical.
- Noise levels shall be considered in the approval of any projects or activities, public or private, which requires a permit or other approval from the City.
- Noise levels shall be considered in any change to the Land Use and Circulation Elements of the City's General Plan.
- Noise levels of City vehicles, construction equipment, and garbage trucks shall be reduced to acceptable levels.

In a manner similar to the state's land use planning guidelines, the City's Noise Element establishes an implementation recommendation (#5) that puts attention to the careful planning of future residents in areas "subjected to noise levels of 65 dBA or higher."

For interior noise, the Noise Element refers to the aforementioned California Title 24 noise insulation standard: 45 dBA CNEL as the maximum acceptable level for inhabited rooms when exterior noise levels are 60 dBA CNEL or more. This implies that if windows and doors are required to be closed to meet this standard, then mechanical ventilation (i.e., air conditioning) shall be included in the project design.

3 Existing Conditions

A sound pressure level (SPL) measurement survey was conducted at five (5) representative positions in the vicinity of the project site on April 3 and 4, 2024 to characterize the existing outdoor ambient noise levels. The noise measurement locations are shown in Figure 3.

Table 3 provides a summary of the noise measurement results as well as the location and time that an individual noise level measurement was performed. As shown in Table 2, the short-term (15-minute duration) measured L_{eq} noise levels ranged from 49.9 dBA at ST1 to 74.9 dBA at ST3.

The short-term measurements were conducted by an attending Dudek investigator with a Rion NL-62 model sound level meter (SLM) equipped with a windscreen-protected, 0.5-inch diameter pre-polarized condenser microphone with pre-amplifier. The SLM meets the current American National Standards Institute (ANSI) standard for a Type 1 (Precision) SLM.

The long-term measurement was conducted by a Dudek investigator with a SoftdB "Piccolo" model SLM equipped with a windscreen-protected, 0.5-inch diameter pre-polarized condenser microphone with pre-amplifier. The SLM meets the current American National Standards Institute (ANSI) standard for a Type 2 (General Use) SLM.

The accuracy of both sound level meters was verified using a field calibrator before and after the measurements, and the measurements were conducted with the microphone positioned approximately five feet above the ground. Appendix A provides sample digital photographs of the field noise level survey locations, followed by Dudek investigator field notes and a chart of the LT measurement data.

Table 3. Measured Baseline Outdoor Ambient Noise Levels

Site	Location (and investigator observed/perceived sounds)	Time	L_{eq} (dBA)	L_{max} (dBA)	L_{min} (dBA)
ST1	Northern corner of the project site (rail warning bells and train pass-by, distant aircraft, distant conversations/yelling, distant traffic)	12:46 p.m. to 1:01 p.m.	49.9	54.0	47.6
ST2	South of the Pier View Wy. And Myers St. intersection (traffic, distant aircraft, conversations/yelling, distant kids playing, heavy foot traffic, vehicles playing music, train pass-by)	1:10 p.m. to 1:25 p.m.	56.9	59.6	55.4
ST3	Southeast of Mission Ave., adjacent to the Springhill Suites (traffic, distant aircraft, distant conversations/yelling, distant kids playing, heavy foot traffic, conversations)	1:34 p.m. to 1:49 p.m.	74.9	86.6	55.8
ST4	South of the Pier View Wy. And Cleveland St. intersection (traffic, distant aircraft, distant conversations/yelling, distant dog barking, train pass-by, rail warning bells, dogs barking nearby)	1:55 p.m. to 2:10 p.m.	54.3	56.8	52.1
LT1	Eastern corner of the project site	1:00 p.m. to 1:00 p.m.[1]	49.9	54.0	47.6

Source: Appendix A.
Notes: L_{eq} = equivalent continuous sound level (time-averaged sound level); dBA = A-weighted decibels; L_{max} = maximum sound level during the measurement interval; L_{min} = minimum sound level during the measurement interval. ST = short-term measurement location. LT = long-term measurement location. See Figure 3 for measurement locations.
[1] Long-term measurement was conducted for a 24-hour period on April 3 and April 4, 2024

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Figure 3 Noise Measurement Locations

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4 Thresholds of Significance

The following significance criteria are based on Appendix G of the California Environmental Quality Act Guidelines (14 CCR 15000 et seq.) and will be used to determine the significance of potential noise and vibration impacts. Impacts associated with noise and vibration would be significant if the proposed project would result in:

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

In light of these above significance criteria, this analysis uses the following standards to evaluate potential noise and vibration impacts.

- Construction noise – Although Chapter 38 of the Oceanside Municipal Code does not quantify a threshold for allowable construction noise, the City's General Plan allows noise from construction equipment operation to be as high as 85 dBA at 100 feet from the source. Applying the principles of sound propagation for a point-type source, this level means 91 dBA at 50 feet, which is greater than the maximum sound levels of most operating construction equipment and would thus imply all but the loudest construction activities (e.g., pile driving) could be compliant with this standard. The proximity of existing residential receptors to the east of the proposed project site suggests that source-to-receiver distances could be as short as 60 feet. Additionally, most construction equipment and vehicles on a project site do not operate continuously. Therefore, consistent with the Federal Transit Administration guidance mentioned in Section 2.1.1, this analysis will use 80 dBA L_{eq} over an eight-hour period as the construction noise impact criterion during daytime hours (7:00 a.m. to7:00 p.m.). If construction work were to occur outside these hours, the impact threshold would align with the City's General Plan requirement during such hours: no more than a five dBA increase over existing ambient noise levels.
- Off-site project-attributed transportation noise – For purposes of this analysis, a noise impact due to transportation noise would be considered significant if predicted noise levels exceeded the FICON thresholds noted in Section 2.1.2. More specifically, an impact due to the project contribution to existing and future predicted ambient noise levels would be considered significant if it meets the following criteria:
  - Outdoor ambient sound level without the project is less than 60 dBA Ldn, then a project-attributed increase of 5 dBA or more would be considered significant;
  - Outdoor ambient sound level without the project is between 60 and 65 dBA Ldn, project-attributed increase of 3 dBA or more would be considered significant; and
  - Outdoor ambient sound level without the project is greater than 65 dBA Ldn, then project-attributed increase of 1.5 dBA or more would be considered significant.

- **Off-site project-attributed stationary noise** – For purposes of this analysis, a noise impact would be considered significant if noise from typical operation of heating, ventilation, and air conditioning (HVAC), and other electro-mechanical systems associated with the proposed project exceeded 50 dBA L_{eq} at the property line of the nearby high density multi-family residences during nighttime hours (10:00 p.m. to 6:59 a.m.).
- **Construction vibration** – Guidance from Caltrans indicates that a vibration velocity level of 0.2 ips PPV received at a structure would be considered annoying by occupants within (Caltrans 2013). As for the receiving structure itself, aforementioned Caltrans guidance from Section 2.2.3 recommends that a vibration level of 0.3 ips PPV would represent the threshold for building damage risk.

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5 Impact Discussion

Potential noise and vibration impacts attributed to project construction and operation are studied in the following subsections that are categorized by the CEQA Guidelines Appendix G significance for noise.

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

Short-Term Construction

Less Than Significant. Construction noise and vibration are temporary phenomena, with emission levels varying from hour to hour and day to day, depending on the equipment in use, the operations performed, and the distance between the source and receptor. Equipment that would be in use during construction would include, in part, graders, backhoes, rubber-tired dozers, loaders, cranes, forklifts, pavers, rollers, and air compressors. The typical maximum noise levels at a distance of 50 feet from various pieces of construction equipment and activities anticipated for use on the proposed project site are presented in Table 4. Note that the equipment noise levels presented in Table 4 are maximum noise levels. Usually, construction equipment operates in alternating cycles of full power and low power, producing average noise levels over time that are less than the maximum noise level. The average sound level of construction activity also depends on the amount of time that the equipment operates and the intensity of construction activities during that time.

Table 4. Typical Construction Equipment Maximum Noise Levels

Equipment Type	Typical Noise Level (L_{max}, dBA at 50 Feet)
All Other Equipment > 5 HP	85
Backhoe	78
Compressor (air)	78
Concrete Saw	90
Crane	81
Dozer	82
Excavator	81
Flat Bed Truck	74
Front End Loader	79
Generator	72
Grader	85
Man Lift	75
Paver	77
Roller	80
Scraper	84
Welder / Torch	73

Source: DOT 2006.
Note: L_{max} = maximum sound level; dBA = A-weighted decibels.

Aggregate noise emission from proposed project construction activities, broken down by sequential phase, was predicted at the nearest existing noise-sensitive receptor boundaries (multi-family homes to north and east of the project site, and hotels west and south of the project site) to the nearest position of the construction site phase boundary. For purposes of this study, and in a manner resembling the "general assessment" methodology per FTA guidance, this analysis assumes that only one piece of the loudest equipment type per phase would be involved in the construction activity for up to an 8-hour evaluation period at the indicated nearest possible distance to a sensitive receiver shown in Table 5. This analysis further assumes that the remainder of onsite active equipment for a given construction phase would be, on average over the course of a typical workday (i.e., since their minute-to-minute positions would be uncertain), at distances further from a given noise-sensitive receiver than those appearing in Table 5 to prevent modeling a scenario where large equipment unrealistically "stacks" at the same physical location.

Table 5. Estimated Distances between Construction Activities and the Nearest Noise-Sensitive Receiver Positions

Construction Phase (and Equipment Types Involved)	Distance to Noise-Sensitive Multi-Family Receptors to the North of the Project from Project Construction Phase Boundary (Feet)	Distance to Noise-Sensitive Multi-Family Receptors to the East of the Project from Project Construction Phase Boundary (Feet)		Distance to Noise-Sensitive Hotel Use to the West of the Project from Project Construction Phase Boundary (Feet)		Distance to Noise-Sensitive Hotel Use to the South of the Project from Project Construction Phase Boundary (Feet)
	Block 5	Block 5	Block 20	Block 5	Block 20	Block 20
Demolition (concrete saw, backhoe, dozer)	50	55	55	60	60	90
Site Preparation (grader, dozer, backhoe)	50	55	55	60	60	90
Grading/Earthwork (grader, dozer, backhoe)	50	55	55	60	60	90
Building Construction (crane, man-lift, generator backhoe, welder/torch)	50	55	55	60	60	90
Paving (paver, roller, concrete mixer truck, backhoe)	50	55	55	60	60	90
Architectural Coating (air compressor)	50	55	55	60	60	90

The project would include Project Design Feature PDF-NOI-1 to comply with the City of Oceanside Noise Ordinance and would reduce construction noise exposure levels between 7:00 a.m. and 7:00 p.m. on weekdays and Saturdays. PDF-NOI-1 offers the project Applicant (or its construction contractors) flexible and practical options to

implement it successfully and yield compliant noise exposure levels. For example, independent of any barrier-based sound path occlusion, reducing operation time of a piece of steady noise-producing equipment by 50% would also yield a 3 dB reduction.

PDF-NOI-1 During project construction, the following conditions shall be implemented to the satisfaction of the City Engineer, in compliance with the City of Oceanside Noise Ordinance:

a. Hours of construction shall be limited to 7 a.m. to 7 p.m. Monday through Friday, and on Saturday.
b. Construction equipment shall be staged at least 500 feet from sensitive noise receptors, where feasible, and shall be shut down within five minutes when immediate use is not planned. This measure shall include idling trucks waiting to deliver or be loaded with materials.
c. The areas designated for equipment maintenance, shall be located as far as practicable from existing residences and maintenance shall not be performed outside the prescribed construction hours.
d. All noise producing construction activities, including warming-up or servicing equipment and any preparation for construction, shall be limited to the hours between 7:00 a.m. and 7:00 p.m.
e. If temporary traffic control signs, warning signs, lighting or other similar pieces of equipment are located within 200 feet of a sensitive receptor, power shall be supplied by batteries or other means not utilizing internal combustion engines.
f. All construction equipment must have appropriate sound muffling devices, which shall be properly maintained and used at all times such equipment is in operation.
g. Discretionary scheduling of noisiest activities shall be implemented to minimize construction noise intrusion.
h. A twelve (12) foot tall temporary noise barrier shall be erected along the eastern project site property line where the property line is adjacent to the nearest noise sensitive receptors.

A Microsoft Excel–based noise prediction model emulating and using reference data from the Federal Highway Administration Roadway Construction Noise Model (RCNM) (FHWA 2008) was used to estimate construction noise levels at the nearest occupied noise-sensitive land uses. Although the RCNM was funded and promulgated by the Federal Highway Administration, it is often used for non-roadway projects, because the same types of construction equipment used for roadway projects are often used for other types of construction. Input variables for the predictive modeling consist of the equipment type and number of each (e.g., a grader, two excavators two front end loaders, two scrapers, and a dozer), the duty cycle for each piece of equipment (e.g., percentage of time within a specific time period, such as an hour, when the equipment is expected to operate at full power or capacity and thus make noise at a level comparable to what is presented in Table 4), and the distance from the noise-sensitive receptor. The predictive model also considers how many hours that equipment may be on-site and operating (or idling) within an established work shift. Conservatively, no topographical or structural shielding was assumed in the modeling with exception for the multi-family homes north of the project that are shielded by a carport. The RCNM has default duty-cycle values for the various pieces of equipment, which were derived from an extensive study of typical construction activity patterns. Those default duty-cycle values were used for this noise analysis, which is detailed in Appendix B, and produced the predicted results displayed in Table 6.

Table 6. Predicted Construction Noise Levels per Activity Phase

Studied Receptor	Block Number	Floor Number	Predicted 8-hour L_{eq} by Construction Phase (dBA)					
			Demolition	Site Preparation	Grading/Earthwork	Building Construction	Paving	Architectural Coating
Multi-Family - North of Project	5	1	67	65	65	58	59	56
		2	72	71	71	65	69	57
Multi-Family - East of Project	5	1	66	65	65	57	58	56
		4	76	75	75	68	71	64
	20	1	66	65	65	57	58	56
		4	76	75	75	68	71	64
Hotel - West of Project	5	2	79	77	77	69	70	68
		7	79	77	77	70	71	68
	20	2	80	79	79	71	72	70
		Rooftop	80	79	79	71	72	70
Hotel - South of Project	20	2	78	76	76	69	70	68
		5	78	77	77	69	70	68

Notes: dBA = A-weighted decibels.

With the Project Design Feature outlined above applied to the project, short-term construction noise would not exceed the FTA guidance of 80 dBA Leq over an 8-hour period and impacts would be considered a less than significant impact.

Off-Site Construction Activities

The project would result in local, short-term increases in roadway noise as a result of construction traffic. Based on information developed as part of the project's air quality analysis, project-related traffic would include workers commuting to and from the project site as well as vendor and haul trucks bringing or removing materials. The highest number of average daily worker trips for all construction phases would be 320 worker trips, 40 vendor trips, and 4 haul truck trips (for a maximum total of 364 one-way trips), occurring during the Building Construction phase.

Based upon the San Diego Association of Governments (SANDAG) Traffic Forecast Information Center (TFIC), the existing (2025) Average Daily Traffic (ADT) volume on Myers Street from Pier View Way to Mission Avenue is approximately 1,500 per day. Comparing the maximum number of daily construction-related trips (a total of 364 one-way trips, and an adjusted Passenger Car Equivalent (PCE) total of 816 one-way trips and 408 round trips, assuming that each vendor truck and haul truck generates as much noise as two passenger vehicles) to the average daily traffic volume of 1,500 PCE trips, the additional vehicle trips would amount to a worst-case increase of approximately 65%. Based upon the fundamentals of acoustics, a 100% increase would be needed to result in a 3-dB increase in noise levels, which would be just audible to the average human listener. A 65% increase due to the project would result in an increase in noise level over existing of approximately 1.9 dB and would not be audible to the average human listener.

The ST2 measurement location is the most representative measurement conducted in the area for nearby noise-sensitive receptors. The ST2 location would be theoretically subjected to construction traffic accessing the site from Myers Street. The measured daytime ambient noise level at ST2 was 57 dBA, as noted in Table 3. Following FTA guidance found in Table 4-17 of the Transit Noise and Vibration Impact Manual, the estimated nighttime ambient noise level would be approximately 10 dBA less than the measured daytime noise level of 57 dBA, for an estimated nighttime level of 47 dBA and a calculated L_{dn} of 57 dBA. According to the FICON thresholds presented in Section 2.1.2, an increase of 5 dBA or more would be considered significant if the ambient sound level without the project is less than 60 dBA L_{dn}. Therefore, traffic related to construction activities would not result in a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of the FICON thresholds presented in Section 2.1.2 above (i.e. an increase of more than 5 dBA when the ambient sound level is less than 60 L_{dn}/CNEL).

Therefore, impacts from project-related construction traffic noise would be **less than significant.** No mitigation measures are required.

Long-Term Operational

Off-Site Traffic Noise Exposure

The project is expected to generate a subtotal of 2,301 average daily trips to the roadway system, as shown in the data provided in the Local Transportation Study (LTS). Utilizing this information as well as additional traffic data found in Appendix C of this technical report, the FHWA's Highway Traffic Noise Prediction Model RD-77-108 was used to estimate potential noise impacts at noise-sensitive uses adjacent to roadway segments expected to

experience added traffic volumes attributed to the proposed project. Information used in the model included ADT volumes, posted traffic speeds, truck mix percentage, and day/evening/night mix percentage. Consistent with Caltrans guidance (Caltrans 2013), this analysis assumes 80% of the ADT occurs during daytime hours (7:00 a.m. to 7:00 p.m.), 5% during the evening (7:00 p.m. to 10:00 p.m.), and 15% during the nighttime (10:00 p.m. to 7:00 a.m.).

The future modeled traffic speed was assumed to be the anticipated speed limit for the studied future roads, which is 25 miles per hour (mph) for Myers Street and Mission Avenue. The truck percentages used in the noise model for the modeled scenarios were 2.0% medium trucks and 1.0% heavy trucks. This truck mix is based on vehicle surveys conducted for a number of similar roads in San Diego County that allow truck traffic.

The change in roadway noise levels was predicted for six conditions: existing, existing plus project, near-term, near-term plus project, buildout 2050, and buildout 2050 plus project. Traffic noise levels were calculated for the following roadway segments bounded by intersections within the project vicinity as follows:

- Mission Avenue – Coast Highway to Cleveland Street;
- Mission Avenue – Cleveland Steet to Myers Street;
- Myers Street – Project Driveway (Block 5) to Pier View Way;
- Myers Street – Pier View Way to Project Driveway (Block 20); and
- Myers Street - Project Driveway (Block 20) to Mission Avenue.

Table 7 presents the existing, existing plus project, near-term, near-term plus project, buildout 2050, and buildout 2050 plus project predicted traffic noise levels.

Table 7. Predicted Traffic Noise Levels

Modeled Roadway Segment	Existing Noise Level (dBA CNEL) – 50 Feet from Centerline	Existing Plus Project Noise Level (dBA CNEL) – 50 Feet from Centerline	Existing Project-Related Noise Level Increase (dBA)	Near-Term Noise Level (dBA CNEL) – 50 Feet from Centerline	Near-Term Plus Project Noise Level (dBA CNEL) – 50 Feet from Centerline	Near-Term Project-Related Noise Level Increase (dBA)	Buildout 2050 Noise Level (dBA CNEL) – 50 Feet from Centerline	Buildout 2050 Plus Project Noise Level (dBA CNEL) – 50 Feet from Centerline	Buildout 2050 Project-Related Noise Level Increase (dBA)
Mission Avenue – Coast Highway to Cleveland Street	62.6	63.1	0.5	62.8	63.3	0.5	62.8	63.3	0.5
Mission Avenue – Cleveland Steet to Myers Street;	61.4	62.1	0.7	62.0	62.5	0.6	61.7	62.3	0.6
Myers Street – Project Driveway (Block 5) to Pier View Way	51.2	54.2	3.0	51.6	54.4	2.8	52.3	54.8	2.5
Myers Street – Pier View Way to Project Driveway (Block 20)	54.2	56.2	2.0	54.6	56.4	1.9	55.3	56.9	1.6
Myers Street - Project Driveway (Block 20) to Mission Avenue	54.2	57.2	3.1	54.6	57.4	2.9	55.3	57.8	2.5

Source: Appendix C

Based upon the FICON thresholds presented in Section 2.1.2 above, an increase of less than 5 dBA when the ambient sound level is less than 60 dBA L_{dn}/CNEL, less than 3 dBA when the ambient sound level is between 60 and 65 dBA L_{dn}/CNEL, or less than 1.5 dBA when the ambient sound level is greater than 65 dBA L_{dn}/CNEL would not be substantial. As shown in Table 7, the predicted traffic noise increases due to the project are not greater than 5 dBA. Therefore, potential impacts at existing off-site noise-sensitive land uses adjacent to the project would be **less than significant.**

Project Sound Sources

On-site Outdoor Mechanical Equipment

The completion of the project buildings will add a variety of noise-producing mechanical equipment that include those presented and discussed in the following paragraphs. Most of these noise-producing equipment or sound sources would be considered stationary or limited in mobility to a defined area.

Rooftop HVAC

The proposed project buildings would be served by roof-mounted air-conditioning equipment that include outdoor-exposed packaged air-handling units and air-cooled condensers (ACC) that provide the expected cooling demand (expressed as refrigeration "tonnage") for a building. The following are descriptions of modeled sound sources, with Table 8 exhibiting modeled sound power level (PWL) data at octave-band center frequency (OBCF) resolution. Detailed information supporting these summary descriptions and quantities appears in Appendix D.

Table 8. Modeled Sound Power Levels (PWL) for Stationary Roof-Mounted Sources (HVAC)

Sound Source	Overall L_{eq} (dBA)	A-Weighted dB at Octave Band Center Frequency (OBCF, Hz)								
		31.5	63	125	250	500	1000	2000	4000	8000
Air Handling	89	70	70	82	83	84	81	74	68	63
Air Conditioning	93	66	66	79	82	89	85	84	83	77

Source: Appendix D

The HVAC reference sound levels were calculated from a combination of inputs that include square footage values for the proposed project's proposed spaces, project applicant response to data requests, and manufacturer sound power level data. For the analysis of noise from HVAC equipment operation, six air conditioning units were modeled on the rooves of each building.

Parking Garage Ventilation

A parking garage would be located beneath both buildings and would require exhaust fans for ventilation. The parking garage would require a tube-axial type fan on the roof of each building, with a total estimated fan sound power level of 104 dBA L_{eq}. Appendix D contains the parking garage fan PWL calculation worksheet.

Other Stationary Noise Sources

The proposed project buildings may feature other noise emitters, but their contributions would tend to be sporadic or otherwise occur infrequently and thus be expected to have no greater acoustic contribution to an hourly L_{eq} than the continuous-type HVAC noise studied herein.

Prediction Methodology and Parameters

The aggregate noise emission from these outdoor-exposed sound sources has been predicted with the Datakustik CadnaA sound propagation program. CadnaA is a commercially available software program for the calculation, presentation, assessment, and prediction of environmental noise based on algorithms and reference data per International Organization of Standardization (ISO) Standard 9613-2, "Attenuation of Sound During Propagation Outdoors, Part 2: General Method of Calculation" (ISO 1996). The CadnaA computer software allows one to position sources of sound emission in a simulated three-dimensional (3-D) space having heights and footprints consistent with project architectural plans and elevations. In addition to the above-mentioned sound source inputs and building-block structures that define the three-dimensional sound propagation model space, the following assumptions and parameters are included in this CadnaA-supported stationary noise source assessment:

- Ground effect acoustical absorption coefficient equal to 0.3, which intends to represent an average or blending of ground covers that are characterized by the prevalence of hard, reflective pavements along with existing building surfaces across the project site and the surroundings;
- Reflection order of 1, which allows for a single reflection of sound paths on encountered structural surfaces such as the modeled building masses;
- Select off-site residential structures and buildings have been rendered in the model;
- Calm meteorological conditions (i.e., no wind) with 68 degrees Fahrenheit and 50% relative humidity; and
- All of the modeled noise sources are operating concurrently and continuously for a minimum period of 1 hour.

Prediction Results

An operational scenario of the proposed project was modeled that assumes all the HVAC equipment is operating simultaneously for a minimum period of one hour. Figure 4 displays modeled noise sensitive receptor locations along with their predicted level due to stationary operations as described above.

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Figure 4 Predicted Stationary Source Operation Noise Levels at Highest Floors of Adjacent Sensitive Receptors

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Figure 4 illustrates predicted noise levels at the highest floors of the nearest sensitive receptors during operation of the proposed project sound sources as described above.

Based on the predicted noise levels appearing in Figure 4, the proposed project is predicted to be up to 49 dBA L_{eq} at the hotel uses west of the project and up to 47 dBA L_{eq} at the multi-family residential uses to the west of the project and is therefore expected to be lower than and thus comply with the City's 55 dBA L_{eq} daytime threshold and 50 dBA L_{eq} nighttime threshold for high density residential land uses.

Therefore, impacts associated with stationary operations noise would be **less than significant**.

b) Would the project result in generation of excessive ground-borne vibration or ground-borne noise levels?

Less Than Significant Impact. Construction activities may expose persons to excessive ground-borne vibration or ground-borne noise, causing a potentially significant impact. Caltrans has collected ground-borne vibration information related to construction activities (Caltrans 2020). Information from Caltrans indicates that continuous vibrations with a PPV of approximately 0.2 ips is considered annoying. For context, heavier pieces of construction equipment, such as a bulldozer that may be expected on the project site, have peak particle velocities of approximately 0.089 ips or less at a reference distance of 25 feet (DOT 2006).

Ground-borne vibration attenuates rapidly, even over short distances. The attenuation of ground-borne vibration as it propagates from source to receptor through intervening soils and rock strata can be estimated with expressions found in FTA and Caltrans guidance. By way of example, for a bulldozer operating on-site and as close as the eastern project boundary (i.e., ~50 feet from the nearest property), the estimated vibration velocity would be 0.031 ips per the equation as follows (FTA 2018):

$$PPV_{rcvr} = PPV_{ref} * (25/D)^{1.5} = 0.031 = 0.089 * (25/50)^{1.5}$$

In the above equation, PPV_{rcvr} is the predicted vibration velocity at the receptor position, PPV_{ref} is the reference value at 25 feet from the vibration source (the bulldozer), and D is the actual horizontal distance to the receptor. Therefore, at this predicted PPV, the impact of vibration-induced annoyance to occupants of nearby existing homes would be less than significant.

Construction vibration, at sufficiently high levels, can also present a building damage risk. However, anticipated construction vibration associated with the proposed project would yield a maximum amplitude of 0.031 ips, which does not surpass the guidance limit of 0.2 to 0.3 ips PPV for preventing damage to residential structures (Caltrans 2020). Because the predicted vibration level at 50 feet is less than this guidance limit and because there are no residential structures directly adjacent to the project, the risk of vibration damage to nearby structures is considered less than significant.

Once operational, the proposed project would not be expected to feature major producers of ground-borne vibration. Anticipated mechanical systems like heating, ventilation, and air-conditioning units are designed and manufactured to feature rotating (fans, motors) and reciprocating (compressors) components that are well-balanced with isolated vibration within or external to the equipment casings. On this basis, potential vibration impacts due to proposed project operation would be **less than significant**.

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

The closest airport to the proposed project site is the John Nichol's Field Airport approximately 3.15 miles northwest of the project boundary. Therefore, airport noise impacts would be **less than significant.**

6 Summary of Findings

The results of the noise and vibration technical analysis indicate that potential impacts during construction would **be less than significant**. Offsite exterior noise impacts due to operation of the proposed project (including traffic noise) would be **less than significant**. Offsite exterior noise impacts due to traffic noise would be **less than significant**.

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Appendix A

Baseline Noise Measurement Field Data

Appendix B

Construction Noise Modeling Input and Output

Appendix C

Traffic Noise Modeling Input and Output

Appendix D

Project Sound Source Calculation Data

Air Quality and Greenhouse Gas Emissions Technical Report

Oceanside Blocks 5 and 20 Mixed-Use Development Project

City of Oceanside, California

NOVEMBER 2025

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Table of Contents

SECTION **PAGE NO.**

Acronyms and Abbreviations v

Executive Summary viii

1 Introduction 1
- 1.1 Report Purpose and Scope 1
- 1.2 Project Description 1
- 1.4 Project Design Features 2

2 Air Quality 5
- 2.1 Environmental Setting 5
  - 2.1.1 Climate and Topography 5
  - 2.1.2 San Diego Air Basin Climatology 5
  - 2.1.3 Sensitive Receptors 6
  - 2.1.4 Pollutants and Effects 6
- 2.2 Regulatory Setting 12
  - 2.2.1 Federal 12
  - 2.2.2 State 13
  - 2.2.3 Local 18
- 2.3 Significance Criteria and Methodology 23
  - 2.3.1 Thresholds of Significance 23
  - 2.3.2 Approach and Methodology 24
- 2.4 Impact Analysis 31
  - 2.4.1 Would the project conflict with or obstruct implementation of the applicable air quality plan? 31
  - 2.4.2 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? 32
  - 2.4.3 Would the project expose sensitive receptors to substantial pollutant concentrations? 35
  - 2.4.4 Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people? 39
  - 2.4.5 Non-CEQA Related Impacts 40

3 Greenhouse Gas Emissions 44
- 3.1 Environmental Setting 44
  - 3.1.1 Climate Change Overview 44
  - 3.1.2 Greenhouse Gases 44
  - 3.1.3 Global Warming Potential 46

3.1.4 Sources of Greenhouse Gas Emissions 47
3.1.5 Potential Effects of Climate Change 49
3.2 Regulatory Setting 51
3.2.1 International Regulations 51
3.2.2 Federal 51
3.2.3 State Regulations 53
3.2.4 Local 65
3.3 Significance Criteria and Methodology 67
3.3.1 Thresholds of Significance 67
3.3.2 Approach and Methodology 71
3.4 Impact Analysis 73
3.4.1 Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? and Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases? 73
4 References 79

APPENDICES

Air Quality and Greenhouse Gas Emissions CalEEMod Outputs and Estimated Emissions
Health Risk Assessment Output Files
Climate Action Plan Consistency Checklist

FIGURE

Figure 1 Project Location 3

TABLES

Table 1. Ambient Air Quality Standards 13
Table 2. Local Ambient Air Quality Data 15
Table 3. San Diego Air Basin Attainment Designation 17
Table 4. San Diego Air Pollution Control District Air Quality Significance Thresholds 23
Table 5. Construction Scenario Assumptions 25
Table 6. AERMOD Principal Parameters 29
Table 7. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions 33
Table 8. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions 34
Table 9. Construction Activity Health Risk Assessment 37
Table 10. Summary of Maximum Railroad Cancer and Chronic Health Risks for Project Residents 42
Table 11. Top Greenhouse-Gas-Producing Countries 47

Table 12. Greenhouse Gas Emissions Sources in California 48
Table 13. San Diego County Greenhouse Gas Emissions by Sectors 48
Table 14. City of Oceanside Greenhouse Gas Emissions by Sectors for 2013 49
Table 15. Estimated Annual Construction Greenhouse Gas Emissions 74
Table 16. Summary of Estimated Annual Greenhouse Gas Emissions 74
Table 17. Climate Action Plan Consistency Checklist and Project Consistency 76

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
BNSF	Burlington Northern Santa Fe
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CARB	California Air Resources Board
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards Code
CAP	Climate Action Plan
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CFC	chlorofluorocarbon
CFR	Code of Federal Regulations
CH_4	methane
City	City of Oceanside
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
County	County of San Diego
DPM	diesel particulate matter
EIR	Environmental Impact Report
EO	Executive Order
EPA	U.S. Environmental Protection Agency
FR	Federal Register
GHG	greenhouse gas
GWP	global warming potential
IPCC	Intergovernmental Panel on Climate Change
HAP	hazardous air pollutant
HCFC	hydrochlorofluorocarbon
HFC	hydrofluorocarbon
HRA	Health Risk Assessment
LOS	level of service
MERV	Minimum Efficiency Reporting Value
MMT	million metric tons
MPO	Metropolitan Planning Organization
MT	metric ton
N_2O	nitrous oxide

Acronym/Abbreviation	Definition
NAAQS	National Ambient Air Quality Standards
NHTSA	National Highway Traffic Safety Administration
NO	nitric oxide
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
O_3	ozone
PDF	Project Design Feature
PFC	perfluorocarbon
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
ppm	part per million
PRC	California Public Resources Code
project	Blocks 5 and 20 Mixed-Use Development Project
RAQS	Regional Air Quality Strategy
RASS	Residential Appliance Saturation Survey
RTP	Regional Transportation Plan
SANDAG	San Diego Association of Governments
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SF_6	sulfur hexafluoride
SIP	State Implementation Plan
SLCP	Short-Lived Climate Pollutant
SO_2	sulfur dioxide
SO_x	sulfur oxides
TAC	toxic air contaminant
VOC	volatile organic compound
ZEV	zero-emission vehicle

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Executive Summary

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) impacts associated with implementation of the Blocks 5 and 20 Mixed-Use Development Project (project). This assessment uses the significance thresholds found in Appendix G of the California Environmental Quality Act Guidelines. This report is intended to support the Environmental Impact Report (EIR) prepared for the project.

Project Overview

The project would involve development in downtown Oceanside, California. The two-block development would include up to 373 residential units, including 38 units for low-income households, and approximately 17,406 square-feet of total commercial space (5,958 square-feet of commercial, 8,963 square-feet of live-work, and 2,485 square-feet of adjacent outdoor space). The mixed-use development on Block 5 proposes eight stories, with six levels of residential units, two levels of leasing, residential amenities, commercial, live-work units, and above-grade parking. The Block 20 development would be seven stories, with five levels of residential units, two levels of leasing, residential amenities, commercial, live-work units, and above-grade parking. Both Block 5 and Block 20 would have one level of subterranean parking. The project would include a total of 560 parking spaces for the two blocks.

Project Design Feature

The project would implement a construction-related Project Design Feature (PDF) intended to reduce emissions of criteria air pollutants and toxic air contaminants (TACs), as follows:

PDF-AQ-1 Prior to the commencement of any construction activities, the project applicant or its designee shall provide evidence to the City of Oceanside (City) that (1) for off-road equipment with engines rated at 25 horsepower or greater, no construction equipment shall be used that is less than Tier 4 Final, and (2) for off-road equipment with engines rated less than 25 horsepower, all construction equipment used shall be electrically powered. An exemption from this requirement may be granted if (1) the applicant documents equipment with Tier 4 engines are not reasonably available, and (2) the required corresponding reductions in criteria air pollutant emissions can be achieved for the project from other combinations of construction equipment (for example, another piece of equipment can be replaced with a zero-emission equipment to offset the emissions associated with using a piece of equipment that does not meet Tier 4 Final standards). Before an exemption may be granted, the applicant's construction contractor shall (1) demonstrate that at least three construction fleet owners/operators in San Diego County were contacted and that those owners/operators confirmed Tier 4 Final equipment could not be located within San Diego County during the desired construction schedule, and (2) the proposed replacement equipment has been evaluated using the California Emissions Estimator Model or other industry standard emission estimation method and documentation has been provided to the City to confirm that necessary project-generated emissions reductions are achieved.

PDF-AQ-1, would be required as an imposed Conditions of Approval by the City of Oceanside (City) to ensure that it is implemented during construction of the project.

Air Quality

The air quality impact analysis evaluated the potential for adverse impacts to air quality due to construction and operational emissions resulting from the project. Impacts were evaluated for their significance based on the San Diego Air Pollution Control District's (SDAPCD) mass daily criteria air pollutant thresholds of significance. Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards (criteria) for outdoor concentrations to protect public health. Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that were evaluated include volatile organic compounds (VOCs) (also referred to as reactive organic gases), oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. VOCs and NO_x are important because they are precursors to O_3.

Air Quality Plan Consistency

If a project proposes development that is greater than that anticipated in the local plan and the growth projections set by the San Diego Association of Governments (SANDAG), the project might be in conflict with the State Implementation Plan (SIP) and Regional Air Quality Strategy (RAQS), and therefore may contribute to a potentially significant cumulative impact on air quality. The proposed project was deemed to be consistent with the current air quality plan because it is consistent with the current land use and zoning designation, and the anticipated growth associated with the project does not exceed that projected by SANDAG. In addition, the project would not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations. Based on these considerations, impacts related to the project's potential to conflict with or obstruct implementation of the applicable air quality plan would be **less than significant**.

Construction Criteria Air Pollutant Emissions

Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). The maximum daily construction emissions would not exceed the SDAPCD significance thresholds for VOCs, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction. Therefore, the project would have a **less-than-significant** impact.

Operational Criteria Air Pollutant Emissions

The analysis herein assumed an operational year of 2028. Operation of the project would generate operational criteria air pollutants from mobile sources (vehicles), area sources (consumer product use, architectural coatings, and landscape maintenance equipment), and energy (natural gas). Maximum operational emissions would not exceed the SDAPCD operational significance thresholds for VOCs, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$. This impact would be **less than significant**.

Cumulative Impacts

The potential for a project to result in a cumulatively considerable impact, per SDAPCD guidance and thresholds, is based on a project's potential to exceed the project-specific daily thresholds. Because maximum construction and operational emissions would not exceed the SDAPCD significance thresholds for VOCs, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$,

the project would not result in a cumulatively considerable increase in criteria air pollutants. In addition, projects that propose development that is consistent with the growth anticipated by local plans would be consistent with the SIP and RAQS, and would not be considered to result in cumulatively considerable impacts from operational emissions. The project is consistent with the SANDAG growth projections; thus, it would be consistent at a regional level with the underlying growth forecasts in the SIP and RAQS. As a result, the project would not result in a cumulatively considerable contribution to regional O_3 concentrations or other criteria pollutant emissions. Cumulative impacts for construction and operation would be **less than significant** for the project.

Exposure of Sensitive Receptors

Potential health effects of criteria air pollutants were evaluated for the project. The proposed project includes 373 residential units that are located more than 500 feet from a signalized intersection that would operate at or below level of service (LOS) E, but the near term plus project conditions would result in an intersection (Mission Avenue and Nevada Street) operating at LOS F during the PM peak hour based on the Local Transportation Study (LLG 2024). However, based on the County of San Diego's CO hotspot analysis approach for its General Plan Update EIR (County of San Diego 2011), and given the existing and continued improvement in ambient CO concentrations, potential project-generated impacts associated with CO hotspots would be **less than significant**. In addition to CO, health impacts from project-related VOC, NO_x, PM_{10}, and $PM_{2.5}$ emissions would be considered **less than significant**.

A Health Risk Assessment was conducted to evaluate the potential cancer and non-cancer risk at proximate existing sensitive receptors from project construction. The results of the construction Health Risk Assessment for the project demonstrate that the TAC exposure from construction diesel exhaust emissions would not result in cancer risk above the 10 in 1 million threshold, nor a Chronic Hazard Index greater than 1.0. Valley Fever exposure was also determined to be **less than significant** for the project.

Other Emissions

Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application, which would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Impacts associated with odors during construction would be **less than significant**. The project would be a mixed-use development that would not include land uses with sources that have the potential to generate substantial odors, and impacts associated with odors during operation would be **less than significant**.

Greenhouse Gas Emissions

Global climate change is primarily considered a cumulative impact, but must also be evaluated on a project level under the California Environmental Quality Act. A project contributes to this potential impact through its incremental emissions combined with the cumulative increase of all other sources of greenhouse gas (GHG) emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHG emissions are measured in metric tons (MT) of CO_2 equivalent (CO_2e), which account for weighted global warming potential factors for CH_4 and N_2O.

Project Impacts

Construction of the project would result in GHG emissions primarily associated with the use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. The project would generate operational GHG emissions from area sources (landscape maintenance), energy sources (electricity consumption and natural gas combustion), mobile sources (vehicle trips), water supply and wastewater treatment, solid waste, and refrigerants. Estimated annual project-generated operational GHG emissions at buildout in 2028 would be approximately 3,570 MT CO_2e per year. Estimated annual project-generated operational emissions plus amortized project construction emissions would be approximately 3,653 MT CO_2e per year.

As discussed in Section 3.4, Impact Analysis, of this report, project operational emissions in 2028 plus amortized project construction emissions would be greater than the City's Climate Action Plan (CAP) bright-line threshold of 900 MT CO_2e per year, which indicates additional analysis is required. As such, the project is required to complete the CAP Consistency Checklist to ensure that emission targets identified in the City's CAP can be achieved considering the additional emissions. The CAP Consistency Checklist for the project is included as an appendix to this technical report. In summary, the project would be located within a designated Smart Growth Opportunity Area, in proximity to a priority transit-oriented development corridor, would be consistent with land use and zoning designations, and would be consistent with all applicable measures in the City's CAP Consistency Checklist. As such, the project would not generate GHG emissions that would have a significant impact on the environment, and would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs; therefore, the impact would be **less than significant**.

1 Introduction

1.1 Report Purpose and Scope

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with construction and operation of the Blocks 5 and 20 Mixed-Use Development Project (project). This analysis uses the significance thresholds found in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.), the emissions-based significance thresholds recommended by the San Diego Air Pollution Control District (SDAPCD), and other applicable thresholds.

1.2 Project Description

The project site is between North Myers Street and the North County Transit District railroad, and the multi-family development at the end of Civic Center Drive and Mission Avenue in Oceanside, California, in northwestern San Diego County. The project site is on Assessor's Parcel Number 147-370-07-00 and consists of 2.07 acres. The project site currently consists of paved public parking lots. Figure 1 shows the project location.

The two-block development would include up to 373 residential units, including 38 units for low-income households, and approximately 17,406 square-feet of total commercial space (5,958 square-feet of commercial, 8,963 square-feet of live-work, and 2,485 square-feet of adjacent outdoor space). The mixed-use development on Block 5 proposes eight stories, with six levels of residential units, two levels of leasing, residential amenities, commercial uses, live-work units, and above-grade parking. The Block 20 development would be seven stories, with five levels of residential units, two levels of leasing, residential amenities, commercial uses, live-work units, and above-grade parking. Both Block 5 and 20 would have one level of subterranean parking. The project would include a total of 560 parking spaces for the two blocks.

Block 5 would include 193 units (including 3 live-work units) and Block 20 would include 180 units (including 3 live-work units). The residential units will be comprised of stacked flats of varying unit types (studios, 1-bedrooms, and 2-bedrooms) and sizes ranging from 528 to 1,402 square-feet. Blocks 5 and 20 would provide 355 market-rate units and 38 affordable unites designated as low-income affordable homes. Residential amenities would include large courtyards, pools, spas, BBQ areas, rooftop decks, and amenity spaces. Amenity spaces would include fitness rooms, surfboard storage, and bike repair rooms. Block 5 and 20 would include approximately 7,868 square-feet of total commercial (2,321 square-feet of commercial, 4,406 square-feet of live-work, and 1,141 square-feet of adjacent outdoor space) on 1.05 net acres and 9,538 square-feet of total commercial (3,637 square-feet of commercial, 4,557 square-feet of live-work, and 1,344 square-feet of adjacent outdoor space) on 1.02 net acres, respectively. The commercial spaces are designed to allow for flexibility in commercial uses. The design is meant to accommodate uses such as restaurant, retail, and/ or office uses. Commercial spaces are located at the corners of the development and other in-line locations along Mission Avenue and North Myers Street to increase visibility to pedestrians.

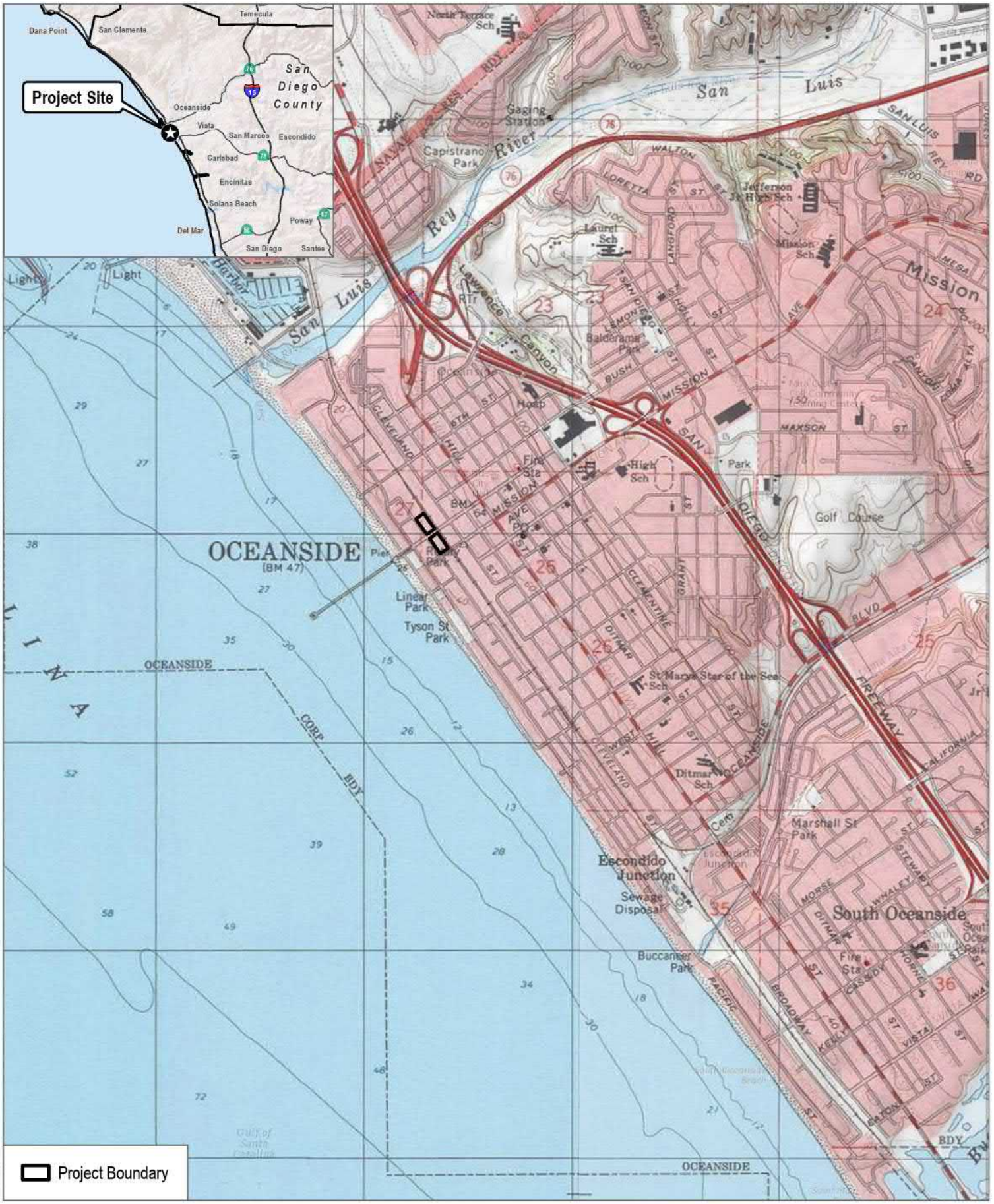
Uses surrounding Block 5 include a hotel to the west, multi-family development to the north and northwest, mixed uses to the east and southeast, and Block 20 to the south. Block 20 is surrounded by hotels to the west and south (Block 21), and mixed uses to the east (Block 18) and southeast (Block 19).

1.3 Project Design Features

The proposed project would implement construction-related and operational Project Design Features (PDFs) intended to reduce emissions of criteria air pollutants and toxic air contaminants (TACs), as follows:

PDF-AQ-1 Prior to the commencement of any construction activities, the project applicant or its designee shall provide evidence to the City of Oceanside (City) that (1) for off-road equipment with engines rated at 25 horsepower or greater, no construction equipment shall be used that is less than Tier 4 Final, and (2) for off-road equipment with engines rated less than 25 horsepower, all construction equipment used shall be electrically powered. An exemption from this requirement may be granted if (1) the applicant documents equipment with Tier 4 engines are not reasonably available, and (2) the required corresponding reductions in criteria air pollutant emissions can be achieved for the project from other combinations of construction equipment (for example, another piece of equipment can be replaced with a zero-emission equipment to offset the emissions associated with using a piece of equipment that does not meet Tier 4 Final standards). Before an exemption may be granted, the applicant's construction contractor shall (1) demonstrate that at least three construction fleet owners/operators in San Diego County were contacted and that those owners/operators confirmed Tier 4 Final equipment could not be located within San Diego County during the desired construction schedule, and (2) the proposed replacement equipment has been evaluated using the California Emissions Estimator Model or other industry standard emission estimation method and documentation has been provided to the City to confirm that necessary project-generated emissions reductions are achieved.

PDF-AQ-1, would be required as imposed Conditions of Approval by the City of Oceanside (City) to ensure that they are implemented during construction of the project.



SOURCE: USGS 7.5-minute Quadrangle

Oceanside Quadrangle - Township 11S Range 5W Section 27 & 26

DUDEK

0 500 1,000 Feet

0 280 560 Meters

FIGURE 1

Project Location

Oceanside Block 5 & 20

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2 Air Quality

2.1 Environmental Setting

2.1.1 Climate and Topography

The primary factors that determine air quality are the locations of air pollutant sources and the amounts of pollutants emitted. Meteorological and topographical conditions also are important because factors such as wind speed and direction, air temperature gradients, sunlight, and precipitation and humidity interact with physical landscape features to determine the movement and dispersal of criteria air pollutants.[1]

The weather of the San Diego region, as in most of Southern California, is influenced by the Pacific Ocean and its semi-permanent high-pressure systems that result in dry, warm summers and mild, occasionally wet winters. The average temperature ranges (in degrees Fahrenheit) from the mid-40s to the high 90s. Most of the region's precipitation falls from November to April, with infrequent (approximately 10%) precipitation during the summer. The average seasonal precipitation along the coast is approximately 10 inches; the amount increases with elevation as moist air is lifted over the mountains (WRCC 2016).

Topography in the San Diego region varies greatly, from beaches on the west to mountains and desert on the east; along with local meteorology, it influences the dispersal and movement of pollutants. The mountains to the east prohibit dispersal of pollutants in that direction and help trap them in inversion layers.

The interaction of ocean, land, and the Pacific High Pressure Zone maintains clear skies for much of the year and influences the direction of prevailing winds (westerly to northwesterly). Local terrain is often the dominant factor inland, and winds in inland mountainous areas tend to blow through the valleys during the day and down the hills and valleys at night.

2.1.2 San Diego Air Basin Climatology

The project site is within the San Diego Air Basin (SDAB) and is subject to SDAPCD guidelines and regulations. The SDAB is one of 15 air basins that geographically divide California. The SDAB is currently classified as a federal nonattainment area for ozone (O_3) and a state nonattainment area for particulate matter less than 10 microns (PM_{10}), particulate matter less than 2.5 microns ($PM_{2.5}$), and O_3 (SDAPCD 2024).

The SDAB, which lies in the southwest corner of California and comprises the entire San Diego region, covers 4,260 square miles and is an area of high air pollution potential. The SDAB experiences warm summers, mild winters, infrequent rainfalls, light winds, and moderate humidity. This usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds.

The SDAB experiences frequent temperature inversions. Subsidence inversions occur during the warmer months as descending air associated with the Pacific High Pressure Zone meets cool marine air. The boundary between the

[1] The discussion of meteorological and topographical conditions of the SDAB is based on information provided in the County of San Diego *Guidelines for Determining Significance – Air Quality* (County of San Diego 2007), the County of San Diego *General Plan Update EIR* (County of San Diego 2011).

two layers of air creates a temperature inversion that traps pollutants. The other type of inversion, a radiation inversion, develops on winter nights when air near the ground cools by heat radiation and air aloft remains warm. The shallow inversion layer formed between these two air masses also can trap pollutants. As the pollutants become more concentrated in the atmosphere, photochemical reactions occur that produce O_3, which contributes to the formation of smog. Smog is a combination of smoke and other particulates, O_3, hydrocarbons, oxides of nitrogen (NO_x), and other chemically reactive compounds that, under certain conditions of weather and sunlight, may result in a murky brown haze that causes adverse health effects (CARB 2023a).

Light daytime winds, predominantly from the west, further aggravate the condition by driving air pollutants inland, toward the mountains. During the fall and winter, air quality problems are created due to carbon monoxide (CO) and NO_x emissions. CO concentrations are generally higher in the morning and late evening. In the morning, CO levels are elevated due to cold temperatures and the large number of motor vehicles traveling. Higher CO levels during the late evenings are a result of stagnant atmospheric conditions trapping CO in the area. Because CO is produced almost entirely from automobiles, the highest CO concentrations in the SDAB are associated with heavy traffic. Nitrogen dioxide (NO_2) levels are also generally higher during fall and winter days.

Under certain conditions, atmospheric oscillation results in the offshore transport of air from the Los Angeles region to San Diego County. This often produces high O_3 concentrations, as measured at air pollutant monitoring stations within San Diego County. The transport of air pollutants from Los Angeles to San Diego has also occurred within the stable layer of the elevated subsidence inversion, where high levels of O_3 are transported.

2.1.3 Sensitive Receptors

Air quality varies as a direct function of the amount of pollutants emitted into the atmosphere, the size and topography of the air basin, and the prevailing meteorological conditions. Air quality problems arise when the rate of pollutant emissions exceeds the rate of dispersion.

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved According to the SDAPCD, sensitive receptors are those who are especially susceptible to adverse health effects from exposure to TACs, such as children, older adults, and people who are ill. Sensitive receptors include residences, schools (grades Kindergarten through 12), libraries, day care centers, nursing homes, retirement homes, health clinics, and hospitals within 2 kilometers of the source (SDAPCD 2022). The closest sensitive receptors to the project site are multi-family residences immediately adjacent to the project site along North Myers Street and across the railroad tracks to the east.

2.1.4 Pollutants and Effects

2.1.4.1 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The federal and state standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include O_3, NO_2, CO, sulfur dioxide (SO_2), PM_{10}, $PM_{2.5}$, and lead. These pollutants

are discussed in the following paragraphs.[2] In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants.

Ozone. O_3 is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O_3 precursors. These precursors are mainly oxides of nitrogen (NO_x) and volatile organic compounds (VOCs) (also referred to as reactive organic gases). The maximum effects of precursor emissions on O_3 concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O_3 formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O_3 exists in the upper atmosphere O_3 layer (stratospheric O_3) and at Earth's surface in the lower atmosphere (tropospheric O_3).[3] The O_3 that the U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) regulate as a criteria air pollutant is produced close to ground level, where people live, exercise, and breathe. Ground-level O_3 is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O_3. Stratospheric, or "good," O_3 occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering Earth's atmosphere. Without the protection of the beneficial stratospheric O_3 layer, plant and animal life would be seriously harmed.

O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2020). Inhalation of O_3 causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O_3 can reduce the volume of air that the lungs breathe in and can cause shortness of breath. O_3 in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O_3 exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O_3 exposure. Although there are relatively few studies of O_3's effects on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O_3 and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents, and adults who exercise or work outdoors, where O_3 concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2023b).

Nitrogen Dioxide. NO_2 is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO_2 in the atmosphere is the oxidation of the primary air pollutant nitric oxide (NO), which is a colorless, odorless gas. NO_x, which includes NO_2 and NO, plays a major role, together with VOCs, in the atmospheric reactions that produce O_3. NO_x is formed from fuel combustion under high temperature or pressure.

[2] The following descriptions of health effects for each of the criteria air pollutants associated with project construction and operations are based on the U.S. Environmental Protection Agency's "Criteria Air Pollutants" (EPA 2023) and the California Air Resources Board's "Glossary of Air Pollutant Terms" (CARB 2023a) published information.

[3] The troposphere is the layer of Earth's atmosphere nearest to the surface of Earth, extending outward approximately 5 miles at the poles and approximately 10 miles at the equator.

In addition, NO_2 is an important precursor to acid rain and may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources (such as electric utility and industrial boilers).

NO_2 can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections (EPA 2023). A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the ambient air quality standards for NO_2, results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and, for children, they typically spend more time outdoors. Several studies have shown that long-term NO_2 exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher compared to lower levels of exposure. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2023c).

Carbon Monoxide. CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbons, or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas, automobile exhaust accounts for the majority of CO emissions. CO is a nonreactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November to February. The highest levels of CO typically occur during the colder months of the year, when inversion conditions are more frequent.

CO is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, light-headedness, and dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, older adults, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2023d).

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels near the 1-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath, and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO_2 (above 1 part per million [ppm]) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. Older adults and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2023e).

SO_2 is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in particulate matter (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO_2-induced increase in airflow resistance is greater than in healthy people, and it increases with the severity of their asthma. SO_2 is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter. Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and PM_{10} represent fractions of particulate matter. Coarse particulate matter (PM_{10}) is approximately $1/7$ the thickness of a human hair. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. Fine particulate matter ($PM_{2.5}$) is roughly $1/28$ the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles, power generation, and industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as sulfur oxides (SO_x), NO_x, and VOCs.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the bloodstream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. Whereas PM_{10} tends to collect in the upper portion of the respiratory system, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

A number of adverse health effects have been associated with exposure to both $PM_{2.5}$ and PM_{10}. For $PM_{2.5}$, short-term exposures (up to 24-hour duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and worldwide based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including

asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2023f).

Long-term exposure (months to years) to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM_{10} are less clear, although several studies suggest a link between long-term PM_{10} exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that particulate matter in outdoor air pollution causes lung cancer (CARB 2023f).

Lead. Lead in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phase out of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phase-out of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and, in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood, because children are highly susceptible to the effects of lead. Such exposures are associated with decrements in neurobehavioral performance, including intelligence quotient performance, psychomotor performance, reaction time, and growth.

Sulfates. Sulfates are the fully oxidized form of sulfur, which typically occur in combination with metals or hydrogen ions. Sulfates are produced from reactions of SO_2 in the atmosphere. Sulfates can result in respiratory impairment, as well as reduced visibility.

Vinyl Chloride. Vinyl chloride is a colorless gas with a mild, sweet odor that has been detected near landfills, sewage plants, and hazardous waste sites due to the microbial breakdown of chlorinated solvents. Short-term exposure to high levels of vinyl chloride in air can cause nervous system effects, such as dizziness, drowsiness, and headaches. Long-term exposure through inhalation can cause liver damage, including liver cancer.

Hydrogen Sulfide. Hydrogen sulfide is a colorless and flammable gas that has a characteristic odor of rotten eggs. Sources of hydrogen sulfide include geothermal power plants, petroleum refineries, sewers, and sewage treatment plants. Exposure to hydrogen sulfide can result in nuisance odors, as well as headaches and breathing difficulties at higher concentrations.

Visibility-Reducing Particles. Visibility-reducing particles are any particles in the air that obstruct the range of visibility. Sources of visibility-reducing particles are the same as for $PM_{2.5}$ described above. Effects of reduced visibility can include obscuring the viewshed of natural scenery, reducing airport safety, and discouraging tourism.

Volatile Organic Compounds. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O_3 are referred to and regulated as VOCs. Combustion engine exhaust, oil refineries, and fossil-fueled power plants are the main sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of VOCs result from the formation of O_3 and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate health standards for VOCs as a group.

2.1.4.2 Non-Criteria Air Pollutants

Toxic Air Contaminants. A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic noncancer health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to acceptable levels.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

Diesel Particulate Matter. Diesel particulate matter (DPM) is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about $^1/_{70}$ the diameter of a human hair), and thus is a subset of $PM_{2.5}$ (CARB 2023g). DPM is typically composed of carbon particles (soot, also called black carbon) and numerous organic compounds, including over 40 known carcinogenic organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2023g). In August 1998, CARB classified "particulate emissions from diesel-fueled engines" (i.e., DPM) (17 CCR 93000) as a TAC. DPM is emitted from a broad range of diesel engines: on-road diesel engines of trucks, buses, and cars and off-road diesel engines including locomotives, marine vessels, and heavy-duty construction equipment, among others.

Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of $PM_{2.5}$, DPM also contributes to the same noncancer health effects as $PM_{2.5}$ exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2023g). Those most

vulnerable to noncancer health effects are children, whose lungs are still developing, and older adults, who often have chronic health problems.

Odorous Compounds. Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The ability to detect odors varies considerably among the population and overall is quite subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. In a phenomenon known as odor fatigue, a person can become desensitized to almost any odor, and recognition may only occur with an alteration in the intensity. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

Valley Fever. Coccidioidomycosis, more commonly known as "Valley Fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. The ecologic factors that appear to be most conducive to survival and replication of the spores are high summer temperatures, mild winters, sparse rainfall, and alkaline, sandy soils. San Diego County is not considered a highly endemic region for Valley Fever because it has 13.5 cases per 100,000 people (CDPH 2021). In the zip code area of the project site (92054), the case rate is even lower, reported as 4.9 cases per 100,000 people (County of San Diego 2021). In contrast, in 2021 the statewide annual incident rate was 20.1 per 100,000 people. The California counties considered highly endemic for Valley Fever include Kern (306.2 per 100,000), Kings (108.3 per 100,000), Tulare (65.8 per 100,000), San Luis Obispo (61.0 per 100,000), Fresno (39.8 per 100,000), Merced (28.3 per 100,000), and Monterey (27.0 per 100,000), which, together, accounted for 52.1% of the reported cases in California in 2021 (CDPH 2021).

2.2 Regulatory Setting

2.2.1 Federal

2.2.1.1 Criteria Pollutants

The federal Clean Air Act (CAA), passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The EPA is responsible for implementing most aspects of the CAA, including the setting of National Ambient Air Quality Standards (NAAQS) for major air pollutants, hazardous air pollutant (HAP) standards, approval of state attainment plans, motor vehicle emission standards, stationary source emission standards and permits, acid rain control measures, stratospheric O_3 protection, and enforcement provisions.

NAAQS are established by the EPA for criteria pollutants under the CAA, which are O_3, CO, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and lead. The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The CAA requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a State Implementation Plan (SIP) that demonstrates how those areas will attain the standards within mandated time frames.

2.2.1.2 Hazardous Air Pollutants

The 1977 CAA Amendments required the EPA to identify national emission standards for HAPs to protect the public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 CAA Amendments, which expanded the control program for HAPs, 189 substances and chemical families were identified as HAPs.

2.2.2 State

2.2.2.1 Criteria Pollutants

The California Clean Air Act was adopted in 1988 and establishes the state's air quality goals, planning mechanisms, regulatory strategies, and standards of progress. Under the California Clean Air Act, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB is responsible for ensuring implementation of the California Clean Air Act, responding to the federal CAA, and regulating emissions from motor vehicles and consumer products. Pursuant to the authority granted to it, CARB established California Ambient Air Quality Standards (CAAQS), which are generally more restrictive than the NAAQS.

The NAAQS and CAAQS are presented in Table 1.

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
O_3	1 hour	0.09 ppm (180 µg/m³)	—	Same as primary standard[f]
	8 hours	0.070 ppm (137 µg/m³)	0.070 ppm (137 µg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 µg/m³)	0.100 ppm (188 µg/m³)	Same as primary standard
	Annual arithmetic mean	0.030 ppm (57 µg/m³)	0.053 ppm (100 µg/m³)	
CO	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
SO_2[h]	1 hour	0.25 ppm (655 µg/m³)	0.075 ppm (196 µg/m³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m³)
	24 hours	0.04 ppm (105 µg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 µg/m³	150 µg/m³	

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
	Annual arithmetic mean	20 µg/m³	—	Same as primary standard
$PM_{2.5}$[i]	24 hours	—	35 µg/m³	Same as primary standard
	Annual arithmetic mean	12 µg/m³	9.0 µg/m³	15.0 µg/m³
Lead[j, k]	30-day average	1.5 µg/m³	—	—
	Calendar quarter	—	1.5 µg/m³ (for certain areas)[k]	Same as primary standard
	Rolling 3-month average	—	0.15 µg/m³	
Hydrogen sulfide	1 hour	0.03 ppm (42 µg/m³)	—	—
Vinyl chloride[j]	24 hours	0.01 ppm (26 µg/m³)	—	—
Sulfates	24- hours	25 µg/m³	—	—
Visibility reducing particles	8 hour (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70%	—	—

Source: CARB 2024a.

Notes: O_3 = ozone; ppm = parts per million by volume; µg/m³ = micrograms per cubic meter; NO_2 = nitrogen dioxide; CO = carbon monoxide; mg/m³= milligrams per cubic meter; SO_2 = sulfur dioxide; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

a California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. California Ambient Air Quality Standards (CAAQS) are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

b National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, 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 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

c Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°Celsius (°C) and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

d National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

e National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

f On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.

g To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb.

California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

h On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour 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 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

i On February 7, 2024, the national annual $PM_{2.5}$ primary standard was lowered from 12 µg/m³ to 9.0 µg/m³. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM_{10} standards (primary and secondary) of 150 µg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

j CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

k The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

Ambient Air Quality Monitoring Data

The SDAPCD operates a network of ambient air monitoring stations throughout San Diego County that measure ambient concentrations of pollutants and determine whether the ambient air quality meets the CAAQS and the NAAQS. Representative ambient concentrations of pollutants from 2021 through 2023 are presented in Table 2. The Camp Pendleton monitoring station is the closest monitoring station to the project site for concentrations for O_3 and NO_2. The San Diego–Rancho Carmel Drive monitoring station is the closest station with monitoring data for the selected years for CO and $PM_{2.5}$. The closest monitoring station for PM_{10} and SO_2 is the El Cajon monitoring station.

Table 2. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2021	2022	2023	2021	2022	2023
Ozone (O_3) (Camp Pendleton)									
Maximum 1-hour concentration	ppm	California	0.09	0.074	0.076	0.090	0	0	0
Maximum 8-hour concentration	ppm	California	0.070	0.059	0.067	0.077	0	0	1
		National	0.070	0.059	0.067	0.077	0	0	1
Nitrogen Dioxide (NO_2) (Camp Pendleton)									
Maximum 1-hour concentration	ppm	California	0.18	0.059	0.050	0.063	0	0	0
		National	0.100	0.059	0.050	0.063	0	0	0
Annual concentration	ppm	California	0.030	ND	0.005	0.005	—	—	—
		National	0.053	0.006	0.005	0.005	—	—	—

Table 2. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2021	2022	2023	2021	2022	2023
Carbon Monoxide (CO) (San Diego–Rancho Carmel Drive)									
Maximum 1-hour concentration	ppm	California	20	ND	ND	ND	ND	ND	ND
		National	35	3.0	2.2	1.6	0	0	0
Maximum 8-hour concentration	ppm	California	9.0	ND	ND	ND	ND	ND	ND
		National	9	1.8	1.2	1.1	0	0	0
Sulfur Dioxide (SO_2) (El Cajon)									
Maximum 1-hour concentration	ppm	National	0.075	0.0016	0.0008	0.0007	0	0	0
Maximum 24-hour concentration	ppm	National	0.14	0.0003	0.0003	0.0003	0	0	0
Annual concentration	ppm	National	0.030	0.00006	0.00006	0.00006	—	—	—
Coarse Particulate Matter (PM_{10}) (El Cajon)[a]									
Maximum 24-hour concentration	µg/m³	California	50	ND	ND	ND	ND (ND)	ND (ND)	ND (ND)
		National	150	40.0	44.0	42.0	0.0 (0)	0.0 (0)	0.0 (0)
Annual concentration	µg/m³	California	20	ND	ND	ND	—	—	—
Fine Particulate Matter ($PM_{2.5}$) (San Diego–Rancho Carmel Drive)[a]									
Maximum 24-hour concentration	µg/m³	National	35	23.5	14.9	23.2	0.0 (0)	0.0 (0)	0.0 (0)
Annual concentration	µg/m³	California	12	ND	ND	ND	—	—	—
		National	9.0	8.5	7.6	6.9	—	—	—

Sources: CARB 2024b; EPA 2024a. Monitoring station represented for each source is noted in parentheses following the pollutant monitored.

Notes: ppm = parts per million by volume; — = not available; µg/m³ = micrograms per cubic meter; ND = insufficient data available to determine the value.

The Camp Pendleton monitoring station is located at 21441-W B Street, Oceanside, California.

The El Cajon monitoring station is located at 10537 Floyd Smith Drive, El Cajon, California.

The San Diego–Rancho Carmel Drive monitoring station is located at 11403 Rancho Carmel Drive, San Diego, California.

Data taken from CARB and EPA represent the highest concentrations experienced over a given year.

Exceedances of national and California standards are only shown for O_3 and particulate matter. Daily exceedances for particulate matter are estimated days because PM_{10} and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed national or California standards during the years shown. There is no national standard for 1-hour O_3, annual PM_{10}, or 24-hour SO_2, nor is there a California 24-hour standard for $PM_{2.5}$.

[a] Measurements of PM_{10} and $PM_{2.5}$ are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the

standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.

SDAB Attainment Designation

Pursuant to the 1990 CAA Amendments, EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. As previously discussed, these standards are set by EPA or CARB for the maximum level of a given air pollutant that can exist in the outdoor air without unacceptable effects on human health or the public welfare. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable."

The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are redesignated as maintenance areas and must have approved maintenance plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on the CAAQS rather than the NAAQS.

Table 3 summarizes SDAB's federal and state attainment designations for each of the criteria pollutants.

Table 3. San Diego Air Basin Attainment Designation

Pollutant	Federal Designation	State Designation
O_3 (8-hour)	**Nonattainment**	**Nonattainment**
O_3 (1-hour)	Attainment[a]	**Nonattainment**
CO	Attainment	Attainment
PM_{10}	Unclassifiable[b]	**Nonattainment**
$PM_{2.5}$	Attainment	**Nonattainment**[c]
NO_2	Attainment	Attainment
SO_2	Attainment	Attainment
Lead	Attainment	Attainment
Sulfates	(No federal standard)	Attainment
Hydrogen sulfide	(No federal standard)	Unclassified
Visibility-reducing particles	(No federal standard)	Unclassified
Vinyl chloride	(No federal standard)	No designation

Source: SDAPCD 2024
Definitions: attainment = meets the standards; nonattainment = does not meet the standards; unclassified or unclassifiable = insufficient data to classify
Notes: O_3 = ozone; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; NO_2 = nitrogen dioxide; SO_2 = sulfur dioxide.

[a] The federal 1-hour standard of 0.12 parts per million was in effect from 1979 through June 15, 2005. The revoked standard is referenced here because it was employed for such a long period and because this benchmark is addressed in State Implementation Plans.

[b] At the time of designation, if the available data does not support a designation of attainment or nonattainment, the area is designated as unclassifiable.

[c] CARB has not reclassified the region to attainment yet due to (1) incomplete data and (2) the use of non-California Approved Samplers (CAS). Although data collected does meet the requirements for designation of attainment with federal $PM_{2.5}$ standards, the data completeness requirements for state $PM_{2.5}$ standards substantially exceed federal requirements and mandates, and

have historically not been feasible for most air districts to adhere to given local resources. The Air Pollution Control District (APCD) has begun replacing most regional filter-based $PM_{2.5}$ monitors as they reach the end of their useful life with continuous $PM_{2.5}$ air monitors to ensure collected data meets stringent completeness requirements in the future. APCD anticipates these new monitors will be approved as "CAS" monitors once CARB review the list of approved monitors, which has not been updated since 2013.

2.2.2.2 Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California TAC list identifies more than 200 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. In 1987, the Legislature enacted the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a Health Risk Assessment (HRA), and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB 2000). Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment Program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment. There are several Airborne Toxic Control Measures that reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

California Health and Safety Code Section 41700

Health and Safety Code Section 41700 states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or that endanger the comfort, repose, health, or safety of any of those persons or the public, or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

2.2.3 Local

2.2.3.1 San Diego Air Pollution Control District

CARB is responsible for the regulation of mobile emission sources within the state, and local air quality management districts and air pollution control districts are responsible for enforcing standards and regulating stationary sources. The project site is within the SDAB, which is under the jurisdiction of the SDAPCD, and is therefore, subject to the guidelines and regulations of the SDAPCD. Federal and state attainment plans adopted by the SDAPCD are summarized below.

2.2.3.2 Federal Attainment Plans

The SDAPCD prepared the 2020 Plan for Attaining the National Ambient Air Quality Standards for Ozone in San Diego County (2020 Attainment Plan) that demonstrates how the region will further reduce air pollutant emissions in order to attain the current NAAQS for O_3. The 2020 Attainment Plan was approved by the SDAPCD on October 14, 2020. On November 19, 2020, CARB adopted the 2020 Attainment Plan for attaining the federal 8-hour 75 parts per billion and 70 parts per billion O_3 standards and projects attainment for the standards by 2026 and 2032, respectively (SDAPCD 2020). The 2020 Attainment Plan was submitted to the EPA as a revision to the California SIP for attaining the O_3 NAAQS and was approved in March 2024.

In December 2016, the SDAPCD adopted an update to the Eight-Hour Ozone Attainment Plan for San Diego County (2008O_3 NAAQS) (SDAPCD 2016). In this plan, SDAPCD relies on the Regional Air Quality Strategy (RAQS) to demonstrate how the region will comply with the federal O_3 standard. The RAQS details how the region will manage and reduce O_3 precursors (NO_x and VOCs) by identifying measures and regulations intended to reduce these pollutants. The control measures identified in the RAQS generally focus on stationary sources; however, the emissions inventories and projections in the RAQS address all potential sources, including those under the authority of CARB and the EPA. Incentive programs for reduction of emissions from heavy-duty diesel vehicles, off-road equipment, and school buses are also established in the RAQS.

Currently, San Diego County is designated as moderate nonattainment for the 2008 O_3 NAAQS and maintenance for the 1997 O_3 NAAQS. As documented in the 2016 Final Eight-Hour Ozone Attainment Plan for San Diego County, San Diego County has a likely chance of obtaining attainment due to the transition to low emission cars, stricter new source review rules, and continuing the requirement of general conformity for military growth and the San Diego International Airport. The SDAPCD will also continue emission control measures including ongoing implementation of existing regulations in O_3 precursor reduction to stationary and area-wide sources, subsequent inspections of facilities and sources, and the adoption of laws requiring Best Available Retrofit Control Technology for control of emissions (SDAPCD 2016).

2.2.3.3 State Attainment Plans

The SDAPCD and San Diego Association of Governments (SANDAG) are responsible for developing and implementing the clean air plan for attainment and maintenance of the ambient air quality standards in the SDAB. The RAQS for the SDAB was initially adopted in 1991 and is updated every 3 years. The RAQS outlines SDAPCD's plans and control measures designed to attain the CAAQS for O_3. The RAQS relies on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in San Diego County and the cities in San Diego County, to forecast future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. The CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by the County of San Diego (County) and the cities in the County as part of the development of their general plans (SANDAG 2021).

On March 9, 2023, the SDAPCD adopted the 2022 RAQS. The RAQS plan demonstrates how the San Diego region will further reduce air pollution emissions to meet state health-based standards for ground-level O_3. The 2022 RAQS guides the SDAPCD in deploying tools, strategies, and resources to continue reducing pollutants that are precursors to ground-level O_3, including NO_x and VOCs. The 2022 RAQS emphasizes O_3 control measures, but also identifies

complementary measures and strategies that can reduce emissions of GHGs and particulate matter. It also includes new analyses exploring O_3 and its relationship to public health, mobile sources, under-resourced communities, and GHGs and climate change. Further, the 2022 RAQS identifies strategies to expand SDAPCD regional partnerships, identify more opportunities to engage the public and communities of concern, and integrate environmental justice and equity across all proposed measures and strategies (SDAPCD 2023).

In regard to particulate matter emissions reduction efforts, in December 2005, the SDAPCD prepared a report titled "Measures to Reduce Particulate Matter in San Diego County" to address implementation of Senate Bill (SB) 656 in San Diego County (SB 656 required additional controls to reduce ambient concentrations of PM_{10} and $PM_{2.5}$) (SDAPCD 2005). In the report, the SDAPCD evaluated the implementation of source-control measures that would reduce particulate matter emissions associated with residential wood combustion; various construction activities including earthmoving, demolition, and grading; bulk material storage and handling; carryout and trackout removal and cleanup methods; inactive disturbed land; disturbed open areas; unpaved parking lots/staging areas; unpaved roads; and windblown dust (SDAPCD 2005).

2.2.3.4 SDAPCD Rules and Regulations

As stated previously, the SDAPCD is responsible for planning, implementing, and enforcing federal and state ambient standards in the SDAB. The following rules and regulations apply to all sources in the jurisdiction of the SDAPCD:

- **SDAPCD Regulation IV: Prohibitions; Rule 50: Visible Emissions.** Prohibits any activity causing air contaminant emissions darker than 20% opacity for more than an aggregate of 3 minutes in any consecutive 60-minute time period. In addition, Rule 50 prohibits any diesel pile-driving hammer activity causing air contaminant emissions for a period or periods aggregating more than 4 minutes during the driving of a single pile (SDAPCD 1997).
- **SDAPCD Regulation IV: Prohibitions; Rule 51: Nuisance.** Prohibits the discharge, from any source, of such quantities of air contaminants or other materials that cause or have a tendency to cause injury, detriment, nuisance, annoyance to people and/or the public, or damage to any business or property (SDAPCD 1976).
- **SDAPCD Regulation IV: Prohibitions; Rule 55: Fugitive Dust.** Regulates fugitive dust emissions from any commercial construction or demolition activity capable of generating fugitive dust emissions, including active operations, open storage piles, and inactive disturbed areas, as well as track-out and carry-out onto paved roads beyond a project site (SDAPCD 2009).
- **SDAPCD Regulation IV: Prohibitions; Rule 67.0.1: Architectural Coatings.** Requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories (SDAPCD 2021).

2.2.3.5 San Diego Association of Governments

SANDAG is the regional planning agency for the County and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. SANDAG serves as the federally designated metropolitan planning organization for the County. With respect to air quality planning and other regional issues, SANDAG has prepared San Diego Forward: The Regional Plan (Regional Plan) for the San Diego region based

on years of planning, data analysis, and community engagement to reimagine the San Diego region with a transformative transportation system, a sustainable pattern of growth and development, and innovative demand and management strategies (SANDAG 2021).

2.2.3.6 City of Oceanside General Plan

City of Oceanside General Plan

The City of Oceanside's General Plan includes various policies related to improving air quality (both directly and indirectly) in the Land Use Element (2002), Circulation Element (2012), and Energy Climate Action Element (City of Oceanside 2019a). Policies applicable to the project include the following:

Land Use Element

Land Use Compatibility

Policy C. The use of land shall not subject people to potential sources of objectionable noise, light, odors, and other emissions nor to exposure of toxic, radioactive, or other dangerous materials.

Bicycle Facilities

Policy A. Development shall provide Class II Bikeways (Bike Lanes) on all secondary, major, and prime arterials.

Policy D. The use of land shall integrate the Bicycle Circulation System with auto, pedestrian, and transit systems:

- Development shall provide short-term bicycle parking and long-term bicycle storage facilities such as bicycle racks, pedestal posts, and rental bicycle lockers.
- Development shall provide safe and convenient bicycle access to high activity land uses, such as schools, parks, shopping, employment, and entertainment centers.

Pedestrian

Policy A. The construction of five (5) foot wide sidewalks adjacent to the curb shall be required in all new developments and street improvements.

Transit System

Policy A. The City shall coordinate and encourage the existing bus system to serve newly developed areas.

Circulation Element

Pedestrian Facilities

Goal 5. Support walking as a primary means of transportation that in turn supports transit and bike options. A positive walking environment is essential for supporting smart growth, mixed land uses, transit-oriented development, traffic calming and reducing traffic congestion and greenhouse gas emissions.

Transportation Demand Management

Policy 4.1. The City shall encourage the reduction of vehicle miles traveled, reduction of the total number of daily and peak hour vehicle trips, and provide better utilization of the circulation system through development and implementation of TDM [transportation demand management] strategies. These may include, but not limited to, implementation of peak hour trip reduction, encourage staggered work hours, telework programs, increased development of employment centers where transit usage is highly viable, encouragement of ridesharing options in the public and private sector, provision for park-and-ride facilities adjacent to the regional transportation system, and provision for transit subsidies.

Energy Climate Action Element

Renewable Energy and Energy Efficiency

Policy ECAE-1c-1. Explore possible incentives for Leadership in Energy and Environmental Design (LEED)-certified and zero net energy (ZNE) development, including permit streamlining and fee reductions or waivers.

Policy ECAE-1c-7. As an alternative to natural gas, encourage building electrification, including electric heat pump appliances, space heaters, and water heaters.

Smart Growth and Multimodal Transportation

Policy ECAE-2a-1. In areas served by transit, promote land use intensities that increase transit ridership and, in turn, the quality and frequency of transit service.

Policy ECAE-2a-2. In the City's commercial corridors, promote a mix of land uses that contributes to a sense of place, creates synergies between local businesses, and affords residents the opportunity to live, work, and play within a walkable radius.

Policy ECAE-2a-4. Streamline the review and approval process for transit-oriented development within the City's designated Smart Growth Opportunity Areas.

Policy ECAE-2a-8. Prioritize capital improvements in areas suitable for mixed-use development.

2.3 Significance Criteria and Methodology

2.3.1 Thresholds of Significance

The State of California has developed guidelines to address the significance of air quality impacts based on Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.), which provides guidance that a project would have a significant environmental impact if it would:

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

Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.) indicates that, where available, the significance criteria established by the applicable air quality management district or pollution control district may be relied upon to determine whether a project would have a significant impact on air quality. As part of its air quality permitting process, the SDAPCD has established thresholds in Rule 20.2 requiring the preparation of air quality impact assessments for permitted stationary sources. The SDAPCD sets forth quantitative emission thresholds below which a stationary source would not have a significant impact on ambient air quality. Project-related air quality impacts estimated in this environmental analysis would be considered significant if any of the applicable significance thresholds presented in Table 4 are exceeded.

Table 4. San Diego Air Pollution Control District Air Quality Significance Thresholds

Construction Emissions			
Pollutant	Total Emissions (Pounds per Day)		
Coarse particulate matter (PM_{10})	100		
Fine particulate matter ($PM_{2.5}$)	55		
Oxides of nitrogen (NO_x)	250		
Sulfur oxides (SO_x)	250		
Carbon monoxide (CO)	550		
Volatile organic compounds (VOCs)	75[a]		
Operational Emissions			
	Total Emissions		
Pollutant	Pounds per Hour	Pounds per Day	Tons per Year
Coarse particulate matter (PM_{10})	N/A	100	15
Fine particulate matter ($PM_{2.5}$)	N/A	55	10
Oxides of nitrogen (NO_x)	25	250	40
Sulfur oxides (SO_x)	25	250	40

Table 4. San Diego Air Pollution Control District Air Quality Significance Thresholds

Carbon monoxide (CO)	100	550	100
Lead and lead compounds	N/A	3.2	0.6
Volatile organic compounds (VOCs)	N/A	75[a]	13.7

Source: SDAPCD 2019.
Notes: NA = not applicable.
[a] VOC threshold based on the threshold of significance for VOCs from the South Coast Air Quality Management District for the Coachella Valley as stated in the San Diego County Guidelines for Determining Significance (County of San Diego 2007).

The thresholds listed in Table 4 represent screening-level thresholds that can be used to evaluate whether project-related emissions would cause a significant impact on air quality. Emissions below the screening-level thresholds would not cause a significant impact. In the event that emissions exceed these thresholds, modeling would be required to demonstrate that the project's total air quality impacts result in ground-level concentrations that are below the CAAQS and NAAQS, including appropriate background levels. For non-attainment pollutants, if emissions exceed the thresholds shown in Table 4, the project could have the potential to result in a cumulatively considerable net increase in these pollutants, and thus could have a significant impact on ambient air quality.

SDAPCD Rule 51, Public Nuisance, prohibits emission of any material that causes nuisance to a considerable number of persons or endangers the comfort, health, or safety of any person (SDAPCD 1976). A project that proposes a use that would produce objectionable odors would be deemed to have a significant odor impact if it would affect a considerable number of off-site receptors.

2.3.2 Approach and Methodology

2.3.2.1 Construction Mass Emissions

Emissions from the construction phase of project components were estimated using the California Emissions Estimator Model (CalEEMod) Version 2022.[4] Per preliminary project details, it was assumed that construction of the project would begin in March 2026 and would last approximately 22 months. The construction schedule was developed based on available information provided by the project applicant, typical construction practices, and CalEEMod default assumptions. Construction phasing is intended to represent a schedule of anticipated activities for use in estimating potential project-generated construction emissions. The approximate construction phasing is as follows:

- Demolition: March 2026
- Site Preparation: March 2026
- Grading: March 2026 to May 2026
- Building Construction: May 2026 to January 2028
- Paving: December 2027

[4] CalEEMod is a statewide land use emissions computer model designed to provide a uniform platform to calculate construction and operational emissions from land use development projects. The model was developed for the California Air Pollution Control Officers Association in collaboration with multiple air districts across the state. Numerous lead agencies in the state, including the SDAPCD, use CalEEMod to estimate air pollutant emissions in accordance with CEQA Guidelines Section 15064.4(a)(1).

- Architectural Coating: March 2027 to January 2028

Table 5 provides the construction equipment mix and vehicle trips assumed for estimating project-generated construction emissions.

Table 5. Construction Scenario Assumptions

Construction Phase (Duration)	One-Way Vehicle Trips			Equipment		
	Average Daily Worker Trips	Average Daily Vendor Truck Trips	Average Daily Haul Truck Trips	Equipment Type	Quantity	Daily Usage Hours
Demolition	16	4	68	Tractors/Loaders/Backhoes	3	8
				Rubber-Tired Dozers	1	8
				Concrete/Industrial Saws	1	8
Site Preparation	10	4	8	Graders	1	8
				Tractors/Loaders/Backhoes	1	8
				Rubber-Tired Dozers	1	8
Grading	32	8	150	Graders	1	8
				Tractors/Loaders/Backhoes	4	8
				Rubber-Tired Dozers	1	8
Building Construction	320	40	4	Cranes	1	8
				Forklifts	2	4
				Generator Sets	1	8
				Tractors/Loaders/Backhoes	1	4
				Welders	2	8
Paving	24	12	40	Tractors/Loaders/Backhoes	1	8
				Pavers	1	6
				Paving Equipment	1	8
				Rollers	2	6
				Cement and Mortar Mixers	1	8
Architectural Coating	200	20	2	Air Compressors	3	6

Note: See Appendix A for additional details.

The equipment mix and on-road vehicle assumptions were based on CalEEMod default assumptions and applicant-provided input based on proposed land use and are meant to represent a reasonably conservative estimate of construction activity. For the analysis, it was generally assumed that heavy construction equipment would be operating at the site for a maximum of 8 hours per day, 5 days per week. The default CalEEMod trip distance for construction vehicles was assumed, which was a one-way distance of 11.97 miles for worker trips, 7.63 miles for vendor truck trips, and 20 miles for haul truck trips.

Implementation of the project would generate criteria air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, architectural coatings, and asphalt pavement application. Based on project-specific information, approximately 30,000 cubic yards of soils would be exported during the grading phase. Entrained dust

results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in PM_{10} and $PM_{2.5}$ emissions. Construction of project components would be subject to SDAPCD Rule 55, Fugitive Dust Control (SDAPCD 2009). Compliance with Rule 55 would limit fugitive dust (PM_{10} and $PM_{2.5}$) that may be generated during grading and construction activities. Standard construction practices that would be employed to reduce fugitive dust emissions include watering of the active sites two times per day, depending on weather conditions.

Internal combustion engines used by construction equipment, vendor trucks (i.e., delivery trucks), haul trucks, and worker vehicles would result in emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$. Notably, PDF-AQ-1 was incorporated into the modeling, which requires Tier 4 Final equipment with engines over 25 horsepower and electric equipment with engines under 25 horsepower. The application of architectural coatings, such as exterior application/interior paint and other finishes, would also produce VOC emissions; however, the contractor is required to procure architectural coatings from a supplier in compliance with the requirements of SDAPCD Rule 67.0.1 for architectural coatings.

For additional details see Appendix A, Air Quality and Greenhouse Gas Emissions CalEEMod Outputs and Estimated Emissions.

2.3.2.2 Operational Mass Emissions

Operation of the project would generate criteria air pollutant emissions from mobile, area, and energy sources, which are discussed below. It was assumed that the project would be fully operational in 2028.

Mobile Sources (Motor Vehicles)

Following completion of construction activities, the project would generate VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions from mobile sources (vehicular traffic). CalEEMod Version 2022 was used to estimate daily emissions from proposed vehicular sources in combination with trip rates provided in the traffic study prepared for the project (LLG 2024). CalEEMod default data, including trip characteristics, variable start information, emissions factors, and trip distances, were used for the model inputs. Emission factors representing the vehicle mix and emissions for 2028 were used to estimate emissions associated with vehicular sources.

Area

CalEEMod was used to estimate operational emissions from area sources, including emissions from hearths, consumer product use, architectural coatings, and landscape maintenance equipment. Emissions associated with natural gas usage in space heating and water heating were calculated in the building energy use module of CalEEMod, as described in the following text. A natural gas hearth was assumed for each of the apartment units; however, no residential fireplaces are proposed as part of the project. Future residential units are prohibited from having wood-burning fireplaces or stoves.

Consumer products are chemically formulated products used by household and institutional consumers, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. Other paint products, furniture coatings, or architectural coatings are not considered consumer products (CAPCOA 2022). Consumer product VOC emissions are estimated in CalEEMod based on the floor area of nonresidential and residential

buildings and on the default factor of pounds of VOC per building square foot per day. For the asphalt surface land uses, CalEEMod estimates VOC emissions associated with use of parking surface degreasers based on the square footage of parking surface area and pounds of VOC per square foot per day.

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings such as in paints and primers used during building maintenance. CalEEMod calculates the VOC evaporative emissions from application of nonresidential and residential surface coatings based on the VOC emission factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The CalEEMod default VOC emission factors were used for building interior, exterior, and parking area coatings. The model default reapplication rate of 10% of area per year was assumed.

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers. The emissions associated from landscape equipment use are estimated based on CalEEMod default values for emission factors (grams per residential dwelling unit per day and grams per square foot of nonresidential building space per day) and number of summer days (when landscape maintenance would generally be performed) and winter days. For San Diego County, the average annual "summer" days are estimated to 365 days; however, operational days are assumed to be 180 days per year in CalEEMod (CAPCOA 2022).

Energy

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod, because criteria pollutant emissions occur at the site of the power plant, which is typically off site. Therefore, for the purposes of the air quality analysis, the energy source parameters focus on criteria air pollutants generated because of natural gas consumption within the built environment. Natural gas consumption is attributed to systems like heating, ventilation, and air conditioning, and water heating. In CalEEMod 2022, the default energy use from nonresidential land uses is based on 2019 consumption estimates from the California Energy Commission's (CEC) 2018–2030 Uncalibrated Commercial Sector Forecast (Commercial Forecast), and the energy use from residential land uses is based on the 2019 Residential Appliance Saturation Survey (RASS). The Commercial Forecast and RASS datasets derive energy intensities of different end use categories for different land use subtypes for electricity demand forecast zones throughout California. However, the energy use estimates are based on existing buildings and residences and are not representative of those constructed in compliance with energy efficiency requirements of the latest Title 24 Building Energy Efficiency Standards (e.g., the average residence surveyed in the RASS was constructed in 1974). Therefore, per Appendix D, Technical Source Documentation for Emissions Calculations, of the CalEEMod Version 2022.1 User Guide, "the default energy consumption estimates provided in CalEEMod based on the Commercial Forecast and RASS are very conservative, overestimating expected energy use compared to what would be expected for new buildings subject to the latest Energy Code with more stringent energy efficiency measures" (CAPCOA 2022).

For additional details see Appendix A.

2.3.2.3 Health Risk Assessments

An HRA was performed to assess the impact of construction diesel exhaust on off-site sensitive receptors proximate to the project site. A construction HRA CalEEMod run was performed to estimate on-site emissions of exhaust PM_{10}, which was used as a surrogate for DPM. The predominant source of construction exhaust PM_{10} is operation of off-road diesel construction equipment. However, it was conservatively assumed that emissions from heavy-duty haul and vendor trucks traveling 0.25 miles would occur on site to represent potential on-site travel and nearby local off-site travel.

Regarding operations, CARB's Air Quality and Land Use Handbook: A Community Health Perspective encourages consideration of the health impacts of siting sensitive receptors near sources of TAC emissions, such as freeways, high-volume roadways, distribution centers, rail yards, and gasoline stations, and prescribes recommended separation distances (CARB 2005). Although railroads would not be considered a rail yard, an HRA was performed to evaluate the potential land use compatibility/health risk at new on-site residential receptors at the project site from exposure to diesel exhaust associated with existing train travel on the adjacent railroad track and idling at the nearby transit stations.[5] Emission factors for the Coaster, Sprinter, Metrolink, and Amtrak trains were based on EPA standards for Tier 4 engines (CARB 2022a) and the representative engine horsepower. Finally, the emission rates (in pounds per mile-year) for Burlington Northern Santa Fe (BNSF) trains were based on CARB's 2021 Line-Haul Emission Inventory (CARB 2021a) for San Diego County and the miles of BNSF rail in San Diego County per GIS data. The number of passenger and commuter trains were based on the weekly train schedules. The project would be required to comply with the currently applicable Title 24 Building Code, which currently includes installation of Minimum Efficiency Reporting Value 13 (MERV 13) air filtration systems on return vents in the proposed residential units. EPA reported that the MERV 13 filters remove greater than or equal to 90% of PM_{10} (EPA 2024b). Accordingly, the rail HRA assumed a 90% particulate matter reduction from MERV 13 filters, which are required for residential construction in accordance with the Title 24 Building Code. Additionally, to account for exposure of DPM inside and outside the residences, the emissions estimates incorporated an 87% time spent inside factor,[6] which accounts for the amount of time that particulate exposure would be reduced by the MERV 13 filters. Accounting for the actual time spent indoors and exposure related to the residents within the project provides a more realistic exposure scenario from particulate emissions from the train activity.

The HRA was based on the methodologies prescribed in the Office of Environmental Health Hazard Assessment document, Air Toxics Hot Spots Program Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2015). To implement the Office of Environmental Health Hazard Assessment's guidelines based on project information, the SDAPCD developed a three-tiered approach where each successive tier is progressively more refined, with fewer conservative assumptions. The SDAPCD document, Supplemental Guidelines for Submission of Air Toxics "Hot Spots" Program Health Risk Assessments (SDAPCD 2022), provides guidance with which to perform HRAs within the SDAB.

Health effects from carcinogenic air toxics are usually described in terms of cancer risk. The SDAPCD recommends a carcinogenic (cancer) risk threshold of 10 in 1 million, which indicates that a person has an additional risk of 10 chances in 1 million (0.001%) of developing cancer during their lifetime as a result of the air pollution scenario being evaluated. Additionally, some TACs increase non-cancer health risk due to short-term (acute) and long-term

5 The HRA included Coaster, Sprinter, Metrolink (Orange County and Inland Empire), Amtrak, and BNSF rail lines in the analysis.
6 Based on a study conducted by CARB and University of California, Berkeley, Activity Patterns of California Residents (CARB 1991).

(chronic) exposures. The SDAPCD has also adopted a hazard index less than 1.0, below which indicates that people are not likely to experience any non-cancer health effects. The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long-term chronic health hazard impacts. No short-term, acute relative exposure level has been established for DPM; therefore, acute impacts of DPM are not addressed in this assessment.

Air dispersion modeling was performed using EPA's American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 23132 modeling system (computer software) with the Lakes Environmental Software implementation/user interface, AERMOD View Version 12.0. The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected as representative of the project site and project activities. Principal parameters of this modeling are presented in Table 6.

Table 6. AERMOD Principal Parameters

Parameter	Details
Meteorological Data	The latest 3-year meteorological data (2019–2021) for the Camp Pendleton Station were obtained from the SDAPCD as the recommended meteorological station and input to AERMOD.
Urban versus Rural Option	Urban areas typically have more surface roughness, as well as structures and low-albedo surfaces that absorb more sunlight—and thus more heat—relative to rural areas. Per the SDAPCD guidelines (SDAPCD 2022), the land use procedure from 4.4.1 of the Office of Environmental Health Hazard Assessment Guidance Manual indicated that rural dispersion was appropriate for the project site (OEHHA 2015).
Terrain Characteristics	Digital elevation data were imported into AERMOD and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with a resolution of 1 arc-second resolution.
Source Release Characterizations	The following modeling parameters for emissions sources were incorporated into AERMOD. These parameters were obtained from information published by regulatory agencies and represent the best available information at the time of this writing. <u>Construction:</u> ▪ Off-road equipment and trucks were modeled as a line of adjacent volume sources across the project site with a release height of 5 meters, a plume height of 10 meters, and plume width of 10 meters (SCAQMD 2008). <u>Operations:</u> ▪ Train travel was modeled as lines of adjacent volume sources along the anticipated rail lines with a release height of 4.76 meters, a plume height of 9.52 meters, and a plume width of 11 meters (BAAQMD 2023; ENVIRON 2008; EPA 2021). ▪ Train idling for Coaster, Sprinter, Metrolink, and Amtrak were modeled as point sources with a stack height of 4.76 meters, inside stack diameter of 0.56 meters, gas exhaust temperature of 385.45 degrees Kelvin, and gas exhaust velocity of 4.83 meters per second (ENVIRON 2008). The idling time for each train was assumed to be 5 minutes. BNSF train idling was not considered because the freight line does not have a stop in the modeled area.
Receptors	<u>Construction:</u> ▪ To evaluate off-site receptor exposure to diesel particulate matter from project construction, a nested grid was input with the following parameters: 20-meter

Table 6. AERMOD Principal Parameters

Parameter	Details
	spacing at bounding box around construction; 50-meter spacing from 0 to 200 meters from construction boundary; 100-meter spacing from 200 to 500 meters from construction boundary; 200-meter spacing from 500 to 1,000 meters from construction boundary; and 500-meter spacing 1,000 to 2,000 meters from construction boundary. <u>Operations:</u> ▪ For new residential receptors on the project site, a 10-meter Cartesian Grid was placed over the project site with flagpole heights at 0 meters, 10 meters, and 20 meters to account for potential diesel exposure at different building elevations.

Source: BAAQMD 2023; ENVIRON 2008; EPA 2021; SCAQMD 2008.
Notes: AERMOD = American Meteorological Society/EPA Regulatory Model; SDAPCD = San Diego Air Pollution Control District. See Appendix B for additional information.

For the project, AERMOD was run with all sources emitting unit emissions (1 gram per second) to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength and is used as a way to simplify the representation of emissions from many sources. The X/Q values of ground-level concentrations were determined using AERMOD, and the maximum concentrations were determined for the 1-hour and period-averaging options. Dispersion model plot files from AERMOD were then imported into CARB's Hotspots Analysis and Reporting Program Version 2 (Version 22118) to determine health risk. The exposure parameters are described below:

- Off-Site Maximally Exposed Individual Resident: For off-site residential receptors during project construction, DPM exposure was assumed to begin in the third trimester of pregnancy (assumed to be the worst-case scenario for cancer risk) for a duration of 1.83 years (construction).
- On-Site Maximally Exposed Individual Resident: For on-site residential receptors during project operations, DPM exposure from the existing railroads was assumed to begin in the third trimester of pregnancy for a duration of 30 years.[7] In addition, the DPM emissions inventory for on-site residential receptors was adjusted to reflect the use of MERV13 filters in the buildings pursuant to the Title 24 Building Code (as of the 2019 standards).

[7] OEHHA describes cancer risk evaluations for 9-, 30-, and 70-year exposure durations in the 2015 Risk Assessment Guidelines Manual, and identifies that the 9- and 30-year durations correspond to the average and high-end of residency time recommended by the EPA, with the 30-year exposure duration recommended for use as the basis for estimating cancer risk at the maximally exposed individual resident in all HRAs (OEHHA 2015).

2.4 Impact Analysis

2.4.1 Would the project conflict with or obstruct implementation of the applicable air quality plan?

2.4.1.1 Analysis

As stated in Section 2.2.3, Local, the SDAPCD and SANDAG are responsible for developing and implementing clean air plans for attainment and maintenance of the NAAQS and CAAQS in the SDAB, specifically, the SIP and RAQS. The federal O_3 2020 Attainment Plan was adopted by the EPA as a revision to the California SIP for attaining the O_3 NAAQS. The SIP includes a demonstration that current strategies and tactics will maintain acceptable air quality in the SDAB based on the NAAQS. The RAQS was initially adopted in 1991 and is updated every 3 years (most recently in 2022). The RAQS outlines SDAPCD's plans and control measures designed to attain the CAAQS for O_3. The SIP and RAQS rely on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in San Diego County and the cities in the County, to project future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by the County and the cities in San Diego County as part of the development of their general plans.

If a project proposes development that is greater than that anticipated in the local plan and SANDAG's growth projections, the project might be in conflict with the SIP and RAQS, and may contribute to a potentially significant cumulative impact on air quality. The project is in the Downtown District General Plan Area, Subdistrict 1, which allows mixed-use developments (City of Oceanside 2002). The project would be entitled per the Mixed-Use Development Plan and the Regular Coastal Development Permit, and would allow the project to be developed pursuant to the underlying zoning while incorporating additional affordable units and satisfying the Density Bonus Law. The proposed project is consistent with the underlying land use and zoning for the project site.

The State of California's Density Bonus Law (Government Code Sections 65915–65918) was established to promote the construction of affordable housing units and allows projects to exceed the maximum designated density and to use development standard waivers, incentives, and concessions in exchange for providing affordable housing units in compliance with all current density bonus regulations. The City of Oceanside zoning regulations implement the state requirements. The project would consist of 373 units, of which 38 units would be deed-restricted at the low-income level. The project complies with the City's Inclusionary Housing Ordinance and meets the Density Bonus Law requirements regarding affordable housing.

Furthermore, the most recent Regional Housing Needs Assessment from SANDAG stated that the City of Oceanside needs to build 5,443 units from 2021 through 2029 (SANDAG 2020). The City has a projected deficit of 1,268 very-low, 718 low, 883 moderate, and 2,574 above-moderate income units (SANDAG 2020). The project would be within SANDAG's growth projection for housing during the 6th Cycle planning horizon (i.e., April 2021 through April 2029). Therefore, the project would not conflict with SANDAG's regional growth forecast for the City.

2.4.1.2 Conclusion

The increase in the housing units and associated vehicle-source emissions from the project is not anticipated to result in air quality impacts that were not envisioned in the growth projections and RAQS, and the minor increase in residential units in the region would not obstruct or impede implementation of local air quality plans. Based on the analysis above, implementation of the project would not result in development in excess of that anticipated in local plans or increases in population/housing growth beyond those contemplated by SANDAG. As such, vehicle trip generation and planned development for the project are considered to be anticipated in the SIP and RAQS. Because the proposed land uses and associated vehicle trips are anticipated in local air quality plans, the project would be consistent at a regional level with the underlying growth forecasts in the RAQS. Impacts would be **less than significant**.

2.4.2 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?

Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and the SDAPCD develops and implements plans for future attainment of the NAAQS and CAAQS. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether the project's individual emissions would have a cumulatively significant impact on air quality.

2.4.2.1 Construction

Construction of the proposed project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (vendor and haul truck trips, and worker vehicle trips). Construction emissions can vary substantially from day to day depending on the level of activity; the specific type of operation; and, for dust, the prevailing weather conditions.

Criteria air pollutant emissions associated with construction activities were quantified using CalEEMod. Default values provided by CalEEMod were used where detailed project information was not available. A detailed depiction of the construction schedule—including information regarding phasing, equipment used during each phase, haul trucks, vendor trucks, and worker vehicles—is included in Section 2.3.2, Approach and Methodology.

Development of the proposed project would generate air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, and architectural coatings. As described previously, fugitive dust would be limited through compliance with SDAPCD Rule 55, which requires the restriction of visible emissions of fugitive dust beyond the property line.

Table 7 shows the estimated maximum unmitigated daily construction emissions associated with the conceptual construction phases of the project. "Summer" emissions are representative of the conditions that may occur during the O_3 season (May 1 through October 31), and "winter" emissions are representative of the conditions that may

occur during the balance of the year (November 1 through April 30). Complete details of the emissions calculations are provided in Appendix A.

Table 7. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Summer						
2026	1.38	15.45	25.53	0.10	6.14	2.37
2027	13.13	8.21	35.22	0.04	4.96	1.23
Winter						
2026	1.37	15.98	25.42	0.10	7.23	2.37
2027	13.34	14.07	42.32	0.07	6.06	1.56
2028	13.04	8.35	31.54	0.04	4.96	1.23
Maximum Daily Emissions (Project)	**13.34**	**15.98**	**42.32**	**0.10**	**7.23**	**2.37**
SDAPCD threshold	*75*	*250*	*550*	*250*	*100*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Sources: Appendix A.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; EIR = Environmental Impact Report; SDAPCD = San Diego Air Pollution Control District.
Emissions estimates for the proposed project include compliance with Rule 55 and implementation of PDF-AQ-1.

As shown in Table 7, daily construction emissions for the project would not exceed SDAPCD's significance thresholds for any criteria air pollutants. Therefore, the project would result in a **less-than-significant** impact related to emissions of criteria air pollutants during construction.

2.4.2.2 Operations

Operation of the project would generate criteria air pollutant emissions from mobile sources (vehicle trips), area sources (consumer products, landscape maintenance equipment), and energy sources. As discussed in Section 2.3.2, pollutant emissions associated with long-term operations were quantified using CalEEMod. Project-generated mobile source emissions were estimated in CalEEMod based on project-specific trip rates. CalEEMod default values were used to estimate emissions from the project and from energy sources. CalEEMod area-source emissions were adjusted to calculate that only natural gas hearths and fireplaces are installed and used in residential development.

Table 8 presents the unmitigated maximum daily emissions associated with operation of the project in 2028 after all phases of construction have been completed. Complete details of the emissions calculations are provided in Appendix A.

Table 8. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions

Emissions Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Summer						
Mobile	9.36	7.23	80.11	0.21	19.26	4.99
Area	12.36	6.47	33.43	0.04	0.53	0.52
Energy	0.05	0.94	0.51	0.01	0.07	0.07
Total Daily Summer Emissions	**21.77**	**14.64**	**114.05**	**0.26**	**19.86**	**5.58**
Winter						
Mobile	9.20	7.93	74.12	0.20	19.26	4.99
Area	8.94	6.19	2.63	0.04	0.50	0.50
Energy	0.05	0.94	0.51	0.01	0.07	0.07
Total Daily Winter Emissions	**18.19**	**15.06**	**77.26**	**0.25**	**19.83**	**5.56**
Maximum Daily Emissions (Project)	**21.77**	**15.06**	**114.05**	**0.26**	**19.86**	**5.58**
SDAPCD Threshold	*75*	*250*	*550*	*250*	*100*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Sources: Appendix A.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; EIR = Environmental Impact Report; SDAPCD = San Diego Air Pollution Control District; <0.01 = reported value less than 0.01.
Emissions estimates include the use of a natural gas fireplace; however, no residential woodburning fireplaces are proposed as part of the project.

As shown in Table 8, daily operational emissions for the project would not exceed SDAPCD's significance thresholds for any criteria air pollutant. Therefore, the project would result in a **less-than-significant** impact related to emissions of criteria air pollutant emissions during operation.

2.4.2.3 Conclusion

In analyzing cumulative impacts from a project, the analysis must specifically evaluate the project's contribution to the cumulative increase in pollutants for which the SDAB is designated as nonattainment for the CAAQS and NAAQS. If the project does not exceed thresholds and is determined to have less-than-significant project-specific impacts, it may still contribute to a significant cumulative impact on air quality if the emissions from the project components, in combination with the emissions from other proposed or reasonably foreseeable future projects, are in excess of established thresholds. However, the project would only be considered to have a significant cumulative impact if its contribution accounts for a significant proportion of the cumulative total emissions (i.e., it represents a "cumulatively considerable contribution" to the cumulative air quality impact).

Additionally, for the SDAB, the RAQS serves as the long-term regional air quality planning document for the purpose of assessing cumulative operational emissions within the SDAB to ensure that the SDAB continues to make progress toward NAAQS and CAAQS attainment status. As such, cumulative projects in the San Diego region would have the potential to result in a cumulative impact to air quality if, in combination, they would conflict with or obstruct implementation of the RAQS. Similarly, individual projects that are inconsistent with the regional planning

documents on which the RAQS is based would have the potential to result in cumulative impacts if they represent development beyond regional projections.

The SDAB has been designated as a federal nonattainment area for O_3 and a state nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. The nonattainment status is the result of cumulative emissions from all sources of these air pollutants and their precursors within the SDAB. As shown in Tables 7 and 8, the emissions of all criteria pollutants from the project's construction and operations would be below the applicable significance levels without mitigation. As such, the project would result in less-than-significant impacts to air quality.

Regarding long-term cumulative operational emissions in relation to consistency with local air quality plans, the SIP and RAQS serve as the primary air quality planning documents for the state and SDAB, respectively. The SIP and RAQS rely on SANDAG growth projections based on population, vehicle trends, and land use plans developed by the cities and by the County as part of development of their general plans. Therefore, projects that propose development that is consistent with the growth anticipated by local plans would be consistent with the SIP and RAQS, and would not result in cumulatively considerable impacts from operational emissions. As discussed in Section 2.4.1 of this report, the project is consistent with SANDAG growth projections. Thus, the project would be consistent at a regional level with the underlying growth forecasts in the SIP and RAQS.

As a result, the project would not result in a cumulatively considerable contribution to regional O_3 concentrations or other criteria pollutant emissions. Cumulative impacts for construction and operation would be **less than significant** for the project.

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

2.4.3.1 Carbon Monoxide Hotspots

Mobile-source impacts occur on two basic scales of motion. Regionally, project-related travel would add to regional trip generation and increase the vehicle miles traveled within the local airshed and the SDAB. Locally, project traffic would be added to the City's roadway system. If such traffic occurs during periods of poor atmospheric ventilation, consists of a large number of vehicles "cold-started" and operating at pollution-inefficient speeds, and operates on roadways already crowded with non-project traffic, there is a potential for the formation of microscale CO "hotspots" in the area immediately around points of congested traffic. Because of continued improvement in mobile emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SDAB is steadily decreasing.

Projects contributing to adverse traffic impacts may result in the formation of CO hotspots. To verify that the project would not cause or contribute to a violation of the CO standard, a screening evaluation of the potential for CO hotspots was conducted. The County's CO hotspot screening guidance (County of San Diego 2007) was followed to determine whether the project would require a site-specific hotspot analysis. Per guidance, any project that would place receptors within 500 feet of a signalized intersection operating at or below level of service (LOS) E (peak-hour trips exceeding 3,000 trips) must conduct a "hotspot" analysis for CO. Likewise, projects that will cause road intersections to operate at or below a LOS E (i.e., with intersection peak-hour trips exceeding 3,000) also have to conduct a CO hotspot analysis. The signalized intersection nearest to the project site is at Myers Street and Mission

Avenue adjacent to Block 20, which is currently operating at LOS B (AM and PM peak hour) and would operate at LOS B (AM peak hour) and LOS C (PM peak hour) with the project under all analysis scenarios (LLG 2024). These LOS categories are not below the County's screening criteria of LOS E. In the near term plus cumulative conditions, the intersection at Mission Avenue and Nevada Street would operate at LOS E (AM and PM peak hour), and with the project would operate at LOS F (AM and PM peak hour) (LLG 2024). The project would pay its fair-share for improvements. Notably, this intersection is operating at LOS B and LOS C for the existing plus project and buildout plus project conditions, respectively (LLG 2024). Although this intersection could be operating at LOS F in the AM and PM peak hours during near-term conditions, a CO hotspot would not be expected for the reasons discussed below.

Ambient CO levels are monitored at the San Diego–Ranch Carmel Drive air quality monitoring station, which is approximately 25 miles south of the project site. Ambient CO levels monitored at this monitoring station are representative of ambient CO concentrations in the project area and indicate that the highest recorded 1-hour concentration of CO is 3.0 ppm (the state standard is 20 ppm) and highest 8-hour concentration is 1.8 ppm (the state standard is 9 ppm) during the past 3 years of available data (EPA 2024a). As discussed above, the highest CO concentrations typically occur during peak traffic hours, so CO impacts calculated under peak traffic conditions represent a worst-case analysis.

Since the last update of the County of San Diego's Guidelines for Determining Significance (2007), the County has evaluated the potential for the growth anticipated under its General Plan Update to result in CO hotspots throughout San Diego County (County of San Diego 2011). To do this, the County reviewed the CO hotspot analysis conducted by the South Coast Air Quality Management District (SCAQMD) for it request to the EPA for redesignation as a CO attainment area (SCAQMD 2003). In SCAQMD's analysis, it modeled the four most congested intersections identified in its basin (South Coast Air Basin):

- Long Beach Boulevard and Imperial Highway – proximity to the Lynwood monitoring station, which consistently records the highest 8-hour CO concentrations in the South Coast Air Basin each year.
- Wilshire Boulevard and Veteran Avenue – the most congested intersection in Los Angeles County, with an average daily traffic volume of 100,000 vehicles per day.
- Highland Avenue and Sunset Boulevard – one of the most congested intersections in the City of Los Angeles.
- Century Boulevard and La Cienega Boulevard – one of the most congested intersections in the City of Los Angeles.

The SCAQMD's analysis found that these intersections had an average 7.7 ppm 1-hour CO concentrations predicted by the models, which is only 38.5% of the 1-hour CO CAAQS of 20 ppm. Therefore, even the most congested intersections in SCAQMD's air basin would not experience a CO hotspot. For the County of San Diego, there are no roadways/segments identified as deficient facilities (i.e., LOS E or F) under the worst-case traffic scenario that have an average daily traffic greater than the 100,000 average daily traffic that was anticipated for the most congested intersection analyzed by the SCAQMD. The County of San Diego concluded in its General Plan Update EIR (2011) that because the most congested intersections in San Diego county are less congested than those from the South Coast Air Basin, and because emissions of CO would be lower than those used in the SCAQMD analysis, CO concentrations would be lower within San Diego County, and no CO hotspots are anticipated, as was concluded in the SCAQMD analysis.

Given that the proposed development would not result in traffic that exceeds traffic volumes considered in the General Plan Update analysis, coupled with the considerably low level of CO concentrations in the project area and continued improvements in vehicle emissions, the project is not anticipated to result in CO hotspots. Consequently, implementation of the project would not result in CO concentrations in excess of the health protective CAAQS or NAAQS, and as such, would not expose sensitive receptors to significant pollutant concentrations or health effects. Therefore, the proposed project would not generate traffic that would contribute to potential adverse traffic impacts that may result in the formation of CO hotspots, and no hotspot analysis is required. Based on these considerations, the project would result in a **less-than-significant** impact to air quality with regard to potential CO hotspots.

2.4.3.2 Toxic Air Contaminants

In addition to impacts from criteria pollutants, project impacts may include emissions of pollutants identified by the state and federal government as TACs or HAPs. The greatest potential for TAC emissions during construction would be DPM emissions from heavy equipment operations and heavy-duty trucks, and the associated health impacts to sensitive receptors. Construction of the project would occur over 22 months; following completion of construction activities, project-related TAC emissions would cease. The closest sensitive receptors to the project site are multi-family residences immediately adjacent to the project sites along North Myers Street and across the railroad tracks to the east. As such, a construction HRA was performed for the project, as discussed below.

Table 9 summarizes the results of the HRA for proposed project construction, and detailed results are provided in Appendix B, Health Risk Assessment Output Files. The maximally exposed individual resident would be located at the building east of Block 20, across the railroad tracks.

Table 9. Construction Activity Health Risk Assessment

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
MEIR – Cancer Risk	Per Million	7.43	10.0	Less than Significant
MEIR – Chronic Hazard Index	Not Applicable	0.0047	1.0	Less than Significant

Source: Appendix B
Notes: CEQA = California Environmental Quality Act; MEIR = Maximally Exposed Individual Resident.
Emissions estimates and health risk account for implementation of PDF-AQ-1, which would minimize off-road-equipment exhaust.

The results of the HRA demonstrate that the TAC exposure from construction diesel exhaust emissions would result in a maximum increase in cancer risk and chronic hazard index below the respective significance thresholds. Therefore, TAC emissions from construction of the project would result in a **less-than-significant** impact.

2.4.3.3 Health Effects of Criteria Air Pollutants

The SDAPCD thresholds are based on the SDAB complying with the NAAQS and CAAQS, which are protective of public health; therefore, no adverse effects to human health would result from the project. The following provides a general discussion of criteria air pollutants and their health effects.

Regarding VOCs, some VOCs would be associated with motor vehicles and construction equipment, and others would be associated with architectural coatings and asphalt off-gassing, the emissions of which would not result in exceedances of SDAPCD's thresholds. Generally, the VOCs in architectural coatings are of relatively low toxicity.

Additionally, SDAPCD Rule 67.0.1 restricts the VOC content of coatings for both construction and operational applications (SDAPCD 2021).

In addition, VOCs and NO_x are precursors to O_3, for which the SDAB is designated as nonattainment with respect to the NAAQS and CAAQS (the SDAB is designated by EPA as an attainment area for the 1-hour O_3 NAAQS standard and 1997 8-hour NAAQS standard). The health effects associated with O_3, as discussed in Section 2.1.4.1, Criteria Air Pollutants, include respiratory symptoms, worsening of lung disease leading to premature death, and damage to lung tissue (CARB 2023b). The contribution of VOCs and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SDAB due to O_3 precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the VOC emissions would occur because exceedances of the O_3 NAAQS and CAAQS tend to occur April to October when solar radiation is highest. The holistic effect of a single project's emissions of O_3 precursors is speculative due to the lack of reliable and meaningful methods to assess this impact. Nonetheless, the VOC and NO_x emissions associated with project construction and operations could minimally contribute to regional O_3 concentrations and the associated health impacts. Due to the minimal contribution during construction and operation, as well as the existing good air quality in coastal San Diego areas, health impacts would be less than significant.

Health effects associated with NO_x and NO_2 (which is a constituent of NO_x) include lung irritation and enhanced allergic responses (see Section 2.1.4) (CARB 2023c). Construction and operation of the project would not contribute to exceedances of the NAAQS or CAAQS for NO_2 because NO_x emissions would be less than the applicable SDAPCD threshold. Construction would be relatively short term, and the off-road construction equipment would be operating on various portions of the site and would not be concentrated in one portion of the site at any one time. Construction and operation of the project would not require any stationary emission sources that would create substantial, localized NO_2 impacts.

Health effects associated with CO include chest pain in patients with heart disease, headache, light-headedness, and reduced mental alertness (see Section 2.1.4) (CARB 2023d). CO tends to be a localized impact associated with congested intersections. The potential for CO hotspots was discussed previously and determined to be less than significant. Thus, the project's CO emissions would not contribute to significant health effects associated with CO.

Health effects associated with particulate matter include premature death and hospitalization, primarily for worsening of respiratory disease (see Section 2.1.4) (CARB 2023f). Construction and operation of the project would not exceed thresholds for PM_{10} or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS or CAAQS for particulate matter. Due to the minimal contribution of particulate matter during construction and operation, health impacts would be less than significant.

Based on the preceding considerations, health impacts from project-related criteria air pollutant emissions would be **less than significant**.

2.4.3.4 Valley Fever

Coccidioidomycosis, more commonly known as Valley Fever, is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. As noted in Section 2.1.4.2, Non-Criteria Air Pollutants, San Diego County is not considered a highly endemic region for Valley Fever, with a reported 13.5 cases per 100,000 people (County of San Diego 2021), which is lower than the statewide rate

of 20.1 per 100,000. In the zip code area of the project site (92054), the case rate is even lower, reported as 4.9 cases per 100,000 people (County of San Diego 2021). Nevertheless, the project would be required to comply with SDAPCD Regulation IV: Prohibitions; Rule 55, Fugitive Dust, which regulates fugitive dust emissions from any commercial construction or demolition activity. I Compliance with Rule 55 would reduce fugitive dust impacts to less than significant for project construction, which would also minimize the release of the *Coccidioides immitis* fungus from construction activities. These requirements are consistent with California Department of Public Health recommendations for the implementation of dust control measures, including regular application of water during soil-disturbance activities, to reduce exposure to Valley Fever by minimizing the potential that the fungal spores become airborne (CDPH 2013). Further, regulations designed to minimize exposure to Valley Fever hazards are included in Title 8 of the California Code of Regulations and would be complied with during the project's construction phase (California Department of Industrial Relations 2022). Based on the low incidence rate of Valley Fever in San Diego County and project area and the implementation of fugitive dust control measures, the project's impact would be **less than significant** with respect to Valley Fever exposure for sensitive receptors.

2.4.3.5 Conclusion

The results of the construction HRA for the project demonstrate that the TAC exposure from construction diesel exhaust emissions would not result in cancer risk above the 10 in 1 million threshold, nor a Chronic Hazard Index greater than 1.0. Valley Fever exposure was also determined to be **less than significant** for the project.

In addition, VOC and NO_x emissions, as described previously, would minimally contribute to regional O_3 concentrations and the associated health effects. In addition to O_3, NO_x emissions would not contribute to potential exceedances of the NAAQS or CAAQS for NO_2. As shown in Table 2, Local Ambient Air Quality Data, the existing NO_2 concentrations in the area are well below the NAAQS and CAAQS standards. Thus, it is not expected that the project's operational NO_x emissions would result in exceedances of the NO_2 standards or contribute to the associated health effects. CO tends to be a localized impact associated with congested intersections. The associated CO hotspots were discussed previously as a less-than-significant impact. Thus, the project's CO emissions would not contribute to significant health effects associated with this pollutant. PM_{10} and $PM_{2.5}$ would not contribute to potential exceedances of the NAAQS or CAAQS for particulate matter, would not obstruct the SDAB from coming into attainment for these pollutants, and would not contribute to significant health effects associated with particulates. Therefore, overall health impacts associated with criteria air pollutants would be **less than significant**.

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

Based on available information, the project is not anticipated to result in other emissions that have not been addressed under Sections 2.4.1 through 2.4.3, above. As such, this analysis focuses on the potential for the project to generate odors.

2.4.4.1 Construction

Odors would be generated from vehicles and/or equipment exhaust emissions during construction of the project. Odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment and architectural coatings. Such odors are temporary, and for the types of construction activities anticipated for project components, would generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction would be **less than significant**.

2.4.4.2 Operational

Due to the subjective nature of odor impacts, the number of variables that can influence the potential for an odor impact, and the variety of odor sources, there are no quantitative or formulaic methodologies to determine if potential odors would have a significant impact. Examples of land uses and industrial operations that are commonly associated with odor complaints include agricultural uses, wastewater treatment plants, food processing facilities, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding facilities. In addition to the odor source, the distance between the sensitive receptor(s) and the odor source, as well as the local meteorological conditions, are considerations in the potential for a project to frequently expose the public to objectionable odors. The project would include a mixed-use residential development, which is not expected to produce any nuisance odors; therefore, impacts related to odors caused by the project would be **less than significant**.

2.4.4.3 Conclusion

The project would result in a **less-than-significant** impact with respect to odors during construction and operation.

2.4.5 Non-CEQA-Related Impacts

The following issue areas fall outside the realm of CEQA; however, to provide a good faith effort at disclosure, the topics are addressed herein.

2.4.5.1 Indoor Air Quality

Indoor air quality can be impacted by various factors, and poor indoor air quality may have significant consequences for health, comfort, and productivity. Indoor air pollutants can include VOCs from paints, solvents, cleaning agents, and furnishings, and formaldehyde from furniture and building materials.

The State CEQA Guidelines and California's air district guidelines, including the SDAPCD guidelines, do not require an analysis of indoor air quality that could result in potential impacts to future residents associated with new construction. California air districts, including the SDAPCD, develop CEQA thresholds of significance based on scientific and factual data specific to what the air basin can accommodate without affecting the attainment date for state and federal ambient air quality standards. Ambient air quality standards are based on maximum pollutant levels for outdoor air quality that would not result in harm to the public's health. Furthermore, building materials are required to reduce exposure to toxic substances through compliance with the EPA and CARB regulations, such as the Code of Federal Regulations (40 CFR Part 770, Formaldehyde Emission Standards for Composite Wood Products). These regulations typically apply to manufacturers, distributors, importers, fabricators, and retailers of

the products. All building materials used to construct the project would be required to comply with the applicable federal and state standards.

In addition, the project is required to comply with the 2022 California Green Building Standards Code, Title 24, Part 11 (CALGreen), which specifies VOC limits for adhesives, sealants, paints, and coatings (see CALGreen Section 4.504, Pollutant Control). In addition, CALGreen requires that composite wood products (such as hardwood plywood and particleboard) meet the specifications for formaldehyde, as outlined in CARB's Air Toxic Control Measures (see CALGreen Section 4.504.4). The types of interior building materials would not be known until the building permit stage; however, these materials would be required to comply with CARB regulations and the 2022 CALGreen building code. Accordingly, the project would not involve use of materials that contain formaldehyde or VOCs in levels that would pose a risk to human health.

2.4.5.2 Rail Health Impacts

CEQA mandates that projects undergo a comprehensive analysis of its potential impacts on the environment. This requirement underscores CEQA's focus on evaluating the effects of human activities on the natural world. Notably, CEQA directs attention to a project's influence on factors such as air rather than examining how the environment might affect the project itself. This approach was reinforced by the *California Building Industry Association v Bay Area Air Quality Management District* court case, where the California Supreme Court emphasized that CEQA primarily concerns a project's environmental impacts, rather than potential impediments the environment might pose to a project. The Court held the following:

> [A]gencies subject to CEQA generally are not required to analyze the impact of existing environmental conditions on a project's future users or residents. But when a proposed project risks exacerbating those environmental hazards or conditions that already exist, an agency must analyze the potential impact of such hazards on future residents or users. In those specific instances, it is the project's impact on the environment and not the environment's impact on the project that compels an evaluation of how future residents or users could be affected by exacerbated conditions.

CARB's 2005 Land Use Handbook provides guidance and recommendations for the siting of sensitive land uses, such as residences, near sources of air pollution. These recommendations aim to safeguard public health by minimizing exposure to harmful pollutants emitted from industrial facilities, transportation infrastructure, and other sources. The handbook emphasizes the importance of considering air quality impacts during the planning and development of new projects, especially in areas with high levels of pollution or where vulnerable populations reside (CARB 2005).

The proposed project would involve development of a mixed-use residential project and would not be a source of TACs that would exacerbate existing conditions. However, an HRA was prepared to evaluate the potential health risk at the new on-site residential receptors of the project from exposure to diesel exhaust associated with existing train travel on the adjacent railroad and idling at the nearby transit station.[8] Section 2.3.2.3, Health Risk Assessments, outlines the methodology used to estimate health risks to the new residents. Based on results from

[8] The HRA included Coaster, Sprinter, Metrolink (Orange County and Inland Empire), Amtrak, and BNSF rail lines in the analysis.

the rail HRA, the maximally exposed individual resident would be located on the east side of Block 20. Table 10 summarizes the results of the roadway HRA for proposed project, and detailed results are provided in Appendix B.

Table 10. Summary of Maximum Railroad Cancer and Chronic Health Risks for Project Residents

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
MEIR – Cancer Risk	Per Million	6.12	10	Less than Significant
MEIR – Chronic Hazard Index	Not Applicable	0.0016	1	Less than Significant

Source: Appendix B
Notes: CEQA = California Environmental Quality Act; MEIR = Maximally Exposed Individual Resident.

The results of the rail HRA demonstrate that the TAC exposure from train diesel exhaust emissions would result in a cancer risk of 6.12 in 1 million and a chronic hazard index of 0.0016, which would not exceed the cancer risk threshold of 10 in 1 million, nor would the chronic hazard index exceed the 1.0 significance threshold.

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3 Greenhouse Gas Emissions

3.1 Environmental Setting

3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate—such as temperature, precipitation, or wind patterns—lasting for an extended period (decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the sun's energy reaching the Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2017).

The greenhouse effect is the trapping and buildup of heat in the atmosphere near the Earth's surface (troposphere). The greenhouse effect traps heat in the troposphere through a threefold process, as follows: short-wave radiation emitted by the Sun is absorbed by the Earth, the Earth emits a portion of this energy in the form of long-wave radiation, and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on the Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise (EPA 2017).

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that, in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes, such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. However, recent climate changes, in particular the warming observed over the past century, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of warming since the mid-twentieth century and are the most significant driver of observed climate change (EPA 2017; IPCC 2013). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2013). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions and secondarily from emissions associated with land use changes (IPCC 2013). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.1.5, Potential Effects of Climate Change.

3.1.2 Greenhouse Gases

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code Section 38505(g), for purposes of administering many of the state's primary GHG emission reduction programs, GHGs include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3). (See also CEQA Guidelines Section 15364.5.) Some GHGs, such as CO_2, CH_4, and N_2O, occur naturally and are emitted into the atmosphere through natural processes and human activities. Of these gases, CO_2 and CH_4 are

emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater heat-absorption potential than CO_2, include fluorinated gases, such as HFCs, PFCs, and SF_6, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.[9]

Carbon Dioxide. CO_2 is a naturally occurring gas and a by-product of human activities and is the principal anthropogenic (i.e., caused by human activity) GHG that affects the Earth's radiative balance. Natural sources of CO_2 include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate CO_2 are the combustion of fuels such as coal, oil, natural gas, and wood, and changes in land use.

Methane. CH_4 is produced through both natural and human activities. CH_4 is a flammable gas and is the main component of natural gas. CH_4 is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

Nitrous Oxide. N_2O is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create N_2O. Sources of N_2O include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using N_2O as a propellant (e.g., rockets, racecars, and aerosol sprays).

Fluorinated Gases. Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric O_3-depleting substances (e.g., chlorofluorocarbons [CFCs], hydrochlorofluorocarbons [HCFCs], and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to O_3-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the O_3-depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Because PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.
- **Sulfur Hexafluoride:** SF_6 is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF_6 is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.

[9] The descriptions of GHGs are summarized from the Intergovernmental Panel on Climate Change's Fourth Assessment Report (IPCC 2007), the California Air Resources Board's Glossary of Terms Used in GHG Inventories (CARB 2023h), and EPA's Glossary of Climate Change Terms (EPA 2017).

- **Nitrogen Trifluoride:** NF_3 is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

Chlorofluorocarbons. CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere) and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric O_3.

Hydrochlorofluorocarbons. HCFCs are a large group of compounds, whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

Black Carbon. Black carbon is a component of $PM_{2.5}$, which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influences cloud formation, and darkens the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived species that varies spatially, which makes it difficult to quantify its global warming potential (GWP). DPM emissions are a major source of black carbon and are TACs that have been regulated and controlled in California for several decades to protect public health.

Water Vapor. The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere and maintains a climate necessary for life.

Ozone. Tropospheric O_3, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric O_3, which is created by the interaction between solar ultraviolet radiation and molecular oxygen (O_2), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric O_3, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

Aerosols. Aerosols are suspensions of particulate matter in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat and can cool the atmosphere by reflecting light.

3.1.3 Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2017). The Intergovernmental Panel on Climate Change (IPCC) developed the GWP concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of a trace substance relative to

that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in metric tons (MT) of CO_2 equivalent (CO_2e).

The current version of CalEEMod (Version 2022) assumes that the GWP for CH_4 is 25 (so emissions of 1 MT of CH_4 is equivalent to emissions of 25 MT of CO_2), and the GWP for N_2O is 298, based on the IPCC's Fourth Assessment Report (IPCC 2007).

3.1.4 Sources of Greenhouse Gas Emissions

Global Inventory

Anthropogenic GHG emissions worldwide in 2020 (the most recent year for which data is available) totaled approximately 49,800 million metric tons (MMT) of CO_2e, excluding land use change and forestry (PBL 2022). The top six GHG emitters are China, the United States, the Russian Federation, India, Japan, and the European Union, which accounted for approximately 60% of the total global emissions, or approximately 30,270 MMT CO_2e (PBL 2022). Table 11 presents the top GHG-emissions-producing countries.

Table 11. Top Greenhouse-Gas-Producing Countries

Country	2020 GHG Emissions (MMT CO_2e)[a]
China	14,300
United States	5,640
European Union	3,440
India	3,520
Russian Federation	2,210
Japan	1,160
Total	**30,270**

Source: PBL 2022.
Notes: GHG = greenhouse gas; MMT = million metric tons; CO_2e = carbon dioxide equivalent.
[a] Column may not sum due to rounding.

National Inventory

Per the EPA's Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2022, total U.S. GHG emissions were approximately 6,343.2 MMT CO_2e in 2022 (EPA 2024c). Total U.S. emissions have decreased by 3% from 1990 to 2022, down from a high of 15.2% above 1990 levels in 2007. Gross emissions increased from 2021 to 2022 by 0.2% (14.4 MMT CO_2e). Net emissions (i.e., including sinks) were 5,489 MMT CO_2e in 2022. Overall, net emissions increased 1.3% from 2021 to 2022 and decreased 16.7% from 2005 levels. From 2021 to 2022, the increase in total GHG emissions was driven largely by an increase in CO_2 emissions from fossil fuel combustion due to the continued economic activity rebounding after the height of the COVID-19 pandemic. The CO_2 emissions from fossil fuel combustion increased by 1% from 2021 to 2022, including a 5% increase in residential sector emissions, 8.9% increase in commercial sector emissions, 2.6% increase in industrial emissions, 0.1% decrease in transportation sector emissions, and 0.6% decrease in electric power sector emissions. Carbon sequestration in the land use, land-use change, and forestry sector offset 14.5% of total emissions in 2022 (EPA 2024c).

State Inventory

According to California's 2000–2021 GHG emissions inventory (2023 edition), California emitted approximately 381.3 MMT CO_2e in 2021, including emissions resulting from out-of-state electrical generation (CARB 2023i). The sources of GHG emissions in California include transportation, industry, electric power production from both in-state and out-of-state sources, residential and commercial activities, agriculture, high-GWP substances, and recycling and waste. Table 12 presents California GHG emission source categories and their relative contributions to the emissions inventory.

Table 12. Greenhouse Gas Emissions Sources in California

Source Category	Annual GHG Emissions (MMT CO_2e)	Percent of Total
Transportation	145.6	38.2%
Industrial uses	73.9	19.4%
Electricity generation[a]	62.4	16.4%
Residential and commercial uses	38.8	10.2%
Agriculture and forestry	30.9	8.1%
High-GWP substances	21.3	5.6%
Recycling and waste	8.4	2.2%
Totals	**381.3**	**100%**

Source: CARB 2023i.
Notes: GHG = greenhouse gas; GWP = global warming potential; MMT = million metric tons; CO_2e = carbon dioxide equivalent. Emissions reflect 2020 California GHG inventory.
Totals may not sum due to rounding.
[a] Includes emissions associated with imported electricity, which account for 19.82 MMT CO_2e.

Per-capita GHG emissions in California have dropped from a 2001 peak of 13.8 MT per person to 9.7 MT per person in 2021, a 30% decrease. In 2016, statewide GHG emissions dropped below the 2020 GHG limit of 431 MMT CO_2e, and have remained below that level since that time (CARB 2023i).

Local Inventories

According to the GHG inventory data compiled by the Energy Policy Initiative Center for the 2021 Regional Plan, in 2016, the County (as defined to include all cities therein and unincorporated San Diego County areas) emitted approximately 26 MMT CO_2e (SANDAG 2021). As outlined in Table 13, passenger cars and light-duty trucks generated approximately 40% of these emissions.

Table 13. San Diego County Greenhouse Gas Emissions by Sectors

Source Category	Annual GHG Emissions (MMT CO_2e)	Percent of Total
Passenger Cars and Light-Duty Trucks	10.4	40.33%
Electricity	5.3	20.55%
Natural Gas	3.1	12.02%
Industrial	2.1	8.14%
Heavy-Duty Trucks and Vehicles	1.8	6.98%
Other Fuels	1.1	4.27%

Table 13. San Diego County Greenhouse Gas Emissions by Sectors

Source Category	Annual GHG Emissions (MMT CO_2e)	Percent of Total
Off-Road Transportation	0.62	2.40%
Solid Waste	0.59	2.29%
Water	0.24	0.93%
Aviation	0.21	0.81%
Rail	0.11	0.43%
Wastewater	0.07	0.27%
Agriculture	0.05	0.19%
Marine Vessels	0.05	0.19%
Soil Management	0.05	0.19%
Total	**25.79**	**100%**

Source: SANDAG 2021.
Notes: GHG = greenhouse gas; MMT = million metric tons; CO_2e = carbon dioxide equivalent per year
Totals may not sum due to rounding.

The most recent City community emissions is from the 2013 emissions inventory prepared for the 2019 Climate Action Plan (City of Oceanside 2019b) (Table 14).

Table 14. City of Oceanside Greenhouse Gas Emissions by Sectors for 2013

Source Category	Annual GHG Emissions (MT CO_2e)	Percent of Total
Transportation	477,178	48.5%
Electricity	251,524	25.6%
Natural Gas	162,447	16.5%
Solid Waste	40,615	4.1%
Water[a]	27,420	2.8%
Municipal Operations	24,828	2.5%
Total	**984,012**	**100%**

Source: City of Oceanside 2019b.
Notes: GHG emissions for each category are rounded. Sums may not add up to totals due to rounding.
[a] Emissions associated with water and wastewater treatment at City-operated facilities were accounted for as municipal emissions. Water emissions include upstream emissions from import of water to the City of Oceanside.

3.1.5 Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources through uncertain impacts related to future air temperatures and precipitation patterns. The 2014 IPCC Synthesis Report (IPCC 2014) indicated that warming of the climate system is unequivocal, and since the 1950s, many of the observed changes are unprecedented over decades to millennia. Signs that global climate change has occurred include warming of the atmosphere and ocean, diminished amounts of snow and ice, rising sea levels, and ocean acidification (IPCC 2014).

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, frequency of severe weather events, and electricity demand and supply.

The primary effect of global climate change has been a rise in average global tropospheric temperature. Reflecting the long-term warming trend since pre-industrial times, observed global mean surface temperature for the decade 2006–2015 was 0.87°C (likely between 0.75°C and 0.99°C) higher than the average over the 1850–1900 period (IPCC 2018). Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. Human activities are estimated to have caused approximately 1.0°C (1.8°F) of global warming above pre-industrial levels, with a likely range of 0.8°C to 1.2°C (1.4°F to 2.2°F) (IPCC 2018). Global warming is likely to reach 1.5°C (2.7°F) between 2030 and 2052 if it continues to increase at the current rate (IPCC 2018).

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. The Office of Environmental Health Hazard Assessment identified various indicators of climate change in California, which are scientifically based measurements that track trends in various aspects of climate change. Many indicators reveal discernible evidence that climate change is occurring in California and is having significant, measurable impacts in the state. Changes in the state's climate have been observed, including an increase in annual average air temperature with record warmth from 2012 to 2016, more frequent extreme heat events, more extreme drought, a decline in winter chill, an increase in cooling degree days (i.e., the number of days artificial cooling is needed) and a decrease in heating degree days (i.e., the number of days artificial heating is needed), and an increase in variability of statewide precipitation (OEHHA 2018).

Warming temperatures and changing precipitation patterns have altered California's physical systems—the ocean, lakes, rivers and snowpack—upon which the state depends. Winter snowpack and spring snowmelt runoff from the Sierra Nevada and southern Cascade Mountains provide approximately one-third of the state's annual water supply. Impacts of climate on physical systems have been observed, such as high variability of snow-water content (i.e., amount of water stored in snowpack), decrease in spring snowmelt runoff, glacier change (loss in area), rise in sea levels, increase in average lake water temperature and coastal ocean temperature, and a decrease in dissolved oxygen in coastal waters (OEHHA 2018).

Impacts of climate change on biological systems, including humans, wildlife, and vegetation, have also been observed, including climate change impacts on terrestrial, marine, and freshwater ecosystems. As with global observations, species responses include those consistent with warming: elevational or latitudinal shifts in range, changes in the timing of key plant and animal life cycle events, and changes in the abundance of species and in community composition. Humans are better able to adapt to a changing climate than plants and animals in natural ecosystems (OEHHA 2018). Nevertheless, climate change poses a threat to public health as warming temperatures and changes in precipitation can affect vector-borne pathogen transmission and disease patterns in California, as well as the variability of heat-related deaths and illnesses. In addition, since 1950, the area burned by wildfires each year has been increasing (CNRA 2019).

The California Natural Resources Agency (CNRA) has released four California Climate Change Assessments (in 2006, 2009, 2012, and 2018) that have addressed acceleration of warming across the state; more intense and frequent heat waves; greater riverine flows; accelerating sea level rise; more intense and frequent drought; more severe and frequent wildfires; more severe storms and extreme weather events; shrinking snowpack and less overall precipitation; and ocean acidification, hypoxia, and warming. To address local and regional governments' need for information to support action in their communities, the Fourth Assessment includes reports for nine regions of the state. Key highlights for the San Diego Region include the following (CNRA 2019):

- Temperature is projected to increase substantially, along with mean temperature.
- Heat wave frequency will increase, with more intensity and longer duration.
- Precipitation will remain highly variable but will change in character, with wetter winters, drier springs, and more frequent and severe droughts punctuated by more intense individual precipitation events.
- Wildfire risk will increase in the future as climate warms. The risk for large catastrophic wildfires driven by Santa Ana wind events will also likely increase as a result of a drier autumns leading to low antecedent precipitation before the height of the Santa Ana wind season.
- The sea level along San Diego County is expected to rise. High tides combined with elevated shoreline water levels produced by locally and distantly driven wind-driven waves will drive extreme events. Longer-term sea level will increase rapidly in the second half of the century and will be punctuated by short periods of storm-driven extreme sea levels that will imperil existing infrastructure, structures, and ecosystems with increasing frequency.

3.2 Regulatory Setting

3.2.1 International Regulations

In 1988, the United Nations and the World Meteorological Organization established the IPCC to assess the scientific, technical, and socioeconomic information relevant to understanding the scientific basis for human-induced climate change, its potential impacts, and options for adaptation and mitigation. The most recent reports of the IPCC have emphasized the scientific consensus that real and measurable changes to the climate are occurring, that they are caused by human activity, and that significant adverse impacts on the environment, the economy, and human health and welfare are unavoidable.

On March 21, 1994, the United States joined a number of countries around the world in signing the United Nations Framework Convention on Climate Change. Under the Convention, governments agreed to gather and share information on GHG emissions, national policies, and best practices; launch national strategies for addressing GHG emissions and adapting to expected impacts, including the provision of financial and technological support to developing countries; and cooperate in preparing for adaptation to the impacts of global climate change.

3.2.2 Federal

Massachusetts v. U.S. Environmental Protection Agency

In Massachusetts v. EPA (April 2007), the U.S. Supreme Court ruled that CO_2 was a pollutant and directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In making these decisions, the EPA administrator is required to follow the language of CAA Section 202(a). On December 7, 2009, the administrator signed a final rule with two distinct findings regarding GHGs under CAA Section 202(a):

- **Endangerment Finding:** The elevated concentrations of GHGs—CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations. This is referred to as the "endangerment finding."

- **Cause or Contribute Finding:** The combined emissions of GHGs—CO_2, CH_4, N_2O, and HFCs—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is referred to as the "cause or contribute finding."

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the CAA.

Energy Independence and Security Act

The Energy Independence and Security Act of 2007 (Public Law 110-140), among other key measures, did the following to aid in the reduction of national GHG emissions:

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel by 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020, and direct National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy-efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

Federal Vehicle Standards

In 2007, in response to the *Massachusetts v. EPA* U.S. Supreme Court ruling discussed above, the Bush Administration issued Executive Order (EO) 13432 directing the EPA, the U.S. Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the National Highway Traffic Safety Administration (NHTSA) issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011; and, in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012 through 2016 (75 Federal Register [FR] 25324–25728).

In 2019, the EPA and NHTSA published the Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program (SAFE-1) (84 FR 51310), which revoked California's authority to set its own GHG emissions standards and set zero-emission vehicle (ZEV) mandates in California. In March 2020, Part Two was issued, which set CO_2 emissions standards and corporate average fuel economy standards for passenger vehicles and light-duty trucks for model years 2021 through 2026.

On December 21, 2021, the NHTSA finalized the Corporate Average Fuel Economy Preemption rulemaking to withdraw its portions of the Part One Rule. The final rule concluded that the Part One Rule overstepped the agency's legal authority and established overly broad prohibitions that did not account for a variety of important state and local interests. Then, in March 2022, the NHTSA established new fuel economy standards that would require an industry-wide fleet average of approximately 49 miles per gallon for passenger cars and light trucks by model year 2026 by increasing fuel efficiency by 8% annually for model years 2024 and 2025, and 10% annually for model year 2026.

The Inflation Reduction Act of 2022

The Inflation Reduction Act was signed into law by President Biden in August 2022. The Act includes specific investment in energy and climate reform and is projected to reduce GHG emissions in the United States by 40% compared to 2005 levels by 2030. The Act allocates funds to boost renewable energy infrastructure (e.g., solar panels and wind turbines), includes tax credits for the purchase of electric vehicles, and includes measures that will make homes more energy efficient. The Inflation Reduction Act confirms that reduction of GHGs is a core goal of the CAA and that the funding provided should allow the EPA to increase the scope of its CAA rulemakings. The Act also confirms applicability of the Inflation Reduction Act to GHGs in three specific areas: (1) California's ability to regulate GHG emissions from vehicles, (2) the EPA's authority to regulate CH_4 emissions from oil and gas facilities, and (3) the EPA's authority to regulate GHG emissions from power plants.

3.2.3 State Regulations

The statewide GHG emissions regulatory framework is summarized below by category: state climate change targets, building energy, renewable energy and energy procurement, mobile sources, solid waste, water, and other state regulations and goals. The following text describes EOs, legislation, regulations, and other plans and policies that would directly or indirectly reduce GHG emissions and/or address climate change issues.

3.2.3.1 State Climate Change Targets

The state has taken a number of actions to address climate change. These actions are summarized below, and include EOs, legislation, and CARB plans and requirements.

Executive Order S-3-05

EO S-3-05 (June 2005) identified GHG emissions-reduction targets and laid out responsibilities among the state agencies for implementing the EO and for reporting on progress toward the targets. This EO identified the following targets:

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

EO S-3-05 also directed the California Environmental Protection Agency to report biannually on progress made toward meeting the GHG targets and the impacts to California due to global warming, including impacts to water supply, public health, agriculture, the coastline, and forestry.

Assembly Bill 32

In furtherance of the goals identified in EO S-3-05, the Legislature enacted AB 32, the California Global Warming Solutions Act of 2006 (California Health and Safety Code Sections 38500–38599). AB 32 provided initial direction on creating a comprehensive multiyear program to limit California's GHG emissions at 1990 levels by 2020, and initiate the transformations required to achieve the state's long-range climate objectives.

Executive Order B-30-15

EO B-30-15 (April 2015) identified an interim GHG-reduction target in support of targets previously identified under EO S-3-05 and AB 32. EO B-30-15 set an interim target goal of reducing GHG emissions to 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050, as set forth in EO S-3-05. To facilitate achieving this goal, EO B-30-15 called for CARB to update the Climate Change Scoping Plan (Scoping Plan) to express the 2030 target in terms of millions of metric tons of CO_2e. The EO also called for state agencies to continue to develop and implement GHG emissions-reduction programs in support of the reduction targets.

Senate Bill 32 and Assembly Bill 197

SB 32 and AB 197 (enacted in 2016) are companion bills. SB 32 codified the 2030 emissions-reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030. AB 197 established the Joint Legislative Committee on Climate Change Policies, consisting of at least three members of the Senate and three members of the Assembly, to provide ongoing oversight over implementation of the state's climate policies. AB 197 also added two members of the Legislature to the Board as nonvoting members; requires CARB to make available and update (at least annually via its website) emissions data for GHGs, criteria air pollutants, and TACs from reporting facilities; and requires CARB to identify specific information for GHG emissions-reduction measures when updating the Scoping Plan.

Executive Order B-55-18

EO B-55-18 (September 2018) identified a policy for the state to achieve carbon neutrality as soon as possible (no later than 2045) and achieve and maintain net-negative emissions thereafter. The goal is in addition to the existing statewide targets of reducing the state's GHG emissions. CARB will work with relevant state agencies to ensure that future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal.

Assembly Bill 1279

The Legislature enacted AB 1279, the California Climate Crisis Act, in September 2022. The bill declares the policy of the state to achieve net-zero GHG emissions as soon as possible, but no later than 2045, and achieve and maintain net-negative GHG emissions thereafter. Additionally, the bill requires that by 2045, statewide anthropogenic GHG emissions be reduced to at least 85% below 1990 levels.

Although AB 1279 establishes an overall policy to achieve net-zero GHG emissions as soon as possible, but no later than 2045, recognizing the need to implement CO_2 removal and carbon capture, and utilization and storage technologies, the Legislature established a specific target of 85% below 1990 levels by 2045 for anthropogenic GHG emissions. Therefore, the net-zero target does not directly apply to development projects, but the 2045 target of 85% below 1990 levels represents the reductions required to contribute to accomplishing the state's overall net-zero policy.

California Air Resources Board's Climate Change Scoping Plan

One specific requirement of AB 32 is for CARB to prepare a scoping plan to help achieve the maximum technologically feasible and cost-effective GHG emission reductions by 2020 (California Health and Safety Code

Section 38561[a]), and to update the scoping plan at least once every 5 years. In 2008, CARB approved the first scoping plan: The Climate Change Proposed Scoping Plan: A Framework for Change (Scoping Plan) (CARB 2008). The Scoping Plan included a mix of recommended strategies that combined direct regulations, market-based approaches, voluntary measures, policies, and other emissions-reduction programs calculated to meet the 2020 statewide GHG emission limit and initiate the transformations needed to achieve the state's long-range climate objectives.

In 2014, CARB approved the first update to the Scoping Plan. The First Update to the Climate Change Scoping Plan: Building on the Framework (2014 Scoping Plan) defined the state's GHG emissions-reduction priorities for the next 5 years and laid the groundwork to start the transition to the post-2020 goals set forth in EO S-3-05 and EO B-16-2012 (CARB 2014). The 2014 Scoping Plan concluded that California was on track to meet the 2020 target, but recommended that a 2030 mid-term GHG reduction target be established to ensure a continuum of action to reduce emissions. The 2014 Scoping Plan recommended a mix of technologies in key economic sectors to reduce emissions through 2050, including energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and the rapid market penetration of efficient and clean energy technologies.

In December 2017, CARB released the 2017 Climate Change Scoping Plan (2017 Scoping Plan) for public review and comment (CARB 2017a). The 2017 Scoping Plan builds on the successful framework established in the initial Scoping Plan and 2014 Scoping Plan while identifying new technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target and define the state's climate change priorities to 2030 and beyond. Commitments include implementing renewable energy and energy efficiency (including the mandates of SB 350), increased stringency of the Low Carbon Fuel Standard, measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant (SLCP) Plan, and increased stringency of SB 375 targets. To fill the gap in additional reductions needed to achieve the 2030 target, the 2017 Scoping Plan recommends continuing the Cap-and-Trade Program and a measure to reduce GHGs from refineries by 20%.

CARB adopted the 2022 Scoping Plan in December 2022. The 2022 CARB Scoping Plan outlines the state's plan to reach carbon neutrality by 2045 or earlier, while also assessing the progress the state is making toward achieving GHG reduction goals by 2030. Per the Legislative Analyst's Office, the 2022 CARB Scoping Plan identifies a more aggressive 2030 GHG goal. As it relates to the 2030 goal, perhaps the most significant change in the 2022 plan (compared to previous Scoping Plans) is that it identifies a new GHG target of 48% below the 1990 level, compared to the current statutory goal of 40% below. Current law requires the state to reduce GHG emissions by at least 40% below the 1990 level by 2030, but it does not specify an alternative goal. According to CARB, a focus on the lower target is needed to put the state on a path to meeting the newly established 2045 goal, consistent with the overall path to 2045 carbon neutrality. The carbon neutrality goal requires CARB to expand proposed actions from only the reduction of anthropogenic sources of GHG emissions to also include those that capture and store carbon (e.g., through natural and working lands, or mechanical technologies). The carbon reduction programs build on and accelerate those currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; displacement of fossil-fuel-fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines); and scaling up new options, such as green hydrogen (CARB 2022b).

The 2022 CARB Scoping Plan also emphasizes that there is no realistic path to carbon neutrality without carbon removal and sequestration, and to achieve the state's carbon neutrality goal, carbon reduction programs must be supplemented by strategies to remove and sequester carbon. Strategies for carbon removal and sequestration include carbon capture and storage from anthropogenic point sources, where CO_2 is captured as it leaves a facility's smokestack and is injected into geologic formations or used in industrial materials (e.g., concrete), and CO_2 removal from ambient air through mechanical (e.g., direct air capture with sequestration) or nature-based (e.g., management of natural and working lands) applications (CARB 2022b).

The 2022 CARB Scoping Plan details "Local Actions" in Appendix D. Local actions include recommendations to build momentum for local government actions that align with the state's climate goals, with a focus on local GHG reduction strategies (commonly referred to as climate action planning) and approval of new land use development projects, including through environmental review under CEQA. The recommendations provided in 2022 CARB Scoping Plan Appendix D are non-binding (i.e., not regulatory) and should not be interpreted as a directive to local governments, but rather as evidence-based analytical tools to assist local governments with their role as essential partners in achieving California's climate goals (CARB 2022b).

Local actions in the 2022 CARB Scoping Plan recognize consistency with a CEQA-qualified GHG reduction plan, such as a Climate Action Plan, as a first option for evaluating potential GHG emissions impacts under CEQA. Absent a qualified GHG reduction plan, for residential and mixed-use projects, the 2022 CARB Scoping Plan provides a second option for evaluating project consistency with recommendations for key attributes that projects should achieve that would align with the state's climate goals. These key attributes include electric-vehicle charging infrastructure, infill location, no loss or conversion of natural and working lands, transit-supportive densities or proximity to transit stops, reducing parking requirements, provision of affordable housing (at least 20% of units), no net loss of existing affordable units, and all-electric appliances with no natural gas connection (CARB 2022b). Projects that achieve all key attributes are considered "clearly consistent" with the state's climate and housing goals because these attributes address the largest sources of operational emissions for residential and mixed-use projects. According to the 2022 CARB Scoping Plan, in general, residential and mixed-use projects that incorporate all these attributes are aligned with the state's priority GHG reduction strategies for local climate action, as shown in Table 1 of the 2022 CARB Scoping Plan, and with the state's climate and housing goals. Such projects are considered consistent with the Scoping Plan, and therefore, the GHG emissions associated with such projects generally result in a less-than-significant GHG impact under CEQA (CARB 2022b). Additionally, the 2022 CARB Scoping Plan states that lead agencies under CEQA "may determine, with adequate additional supporting evidence, that projects that incorporate some, but not all, of the key project attributes are consistent with the State's climate goals" (CARB 2022b).

The above is CARB's recommended approach for evaluating significance of GHG impacts for residential and mixed-use development projects (CARB 2022b). However, alternative approaches to evaluating project-level alignment with state climate goals are also provided in the 2022 CARB Scoping Plan Appendix D. Lead agencies under CEQA can make a significance determination based on whether the project would result in net-zero GHG emissions and whether the project is consistent with a significance determination/threshold recommended by the applicable air district or other lead agencies (CARB 2022b). The 2022 CARB Scoping Plan Appendix D acknowledges, however, that net zero may not be feasible or appropriate for every project (CARB 2022b).

Executive Order B-18-12

EO B-18-12 (April 2012) directed state agencies, departments, and other entities under the Governor's executive authority to take action to reduce entity-wide GHG emissions by at least 10% by 2015 and 20% by 2020, as measured against a 2010 baseline. EO B-18-12 also identified goals for existing state buildings for reducing grid-based energy purchases and water use.

Senate Bill 605 and Senate Bill 1383

SB 605 (2014) requires CARB to complete a comprehensive strategy to reduce emissions of SLCPs in the state (California Health and Safety Code Section 39730) and SB 1383 (2016) requires CARB to approve and implement that strategy by January 1, 2018 (California Public Resources Code [PRC] Sections 42652–43654). SB 1383 also establishes specific targets for the reduction of SLCPs (40% below 2013 levels by 2030 for CH_4 and HFCs, and 50% below 2013 levels by 2030 for anthropogenic black carbon), and provides direction for reductions from dairy and livestock operations and landfills. Accordingly, CARB adopted its SLCP Reduction Strategy in March 2017. The SLCP Reduction Strategy establishes a framework for the statewide reduction of emissions of black carbon, CH_4, and fluorinated gases (CARB 2017b).

Assembly Bill 1757

AB 1757 (September 2022) requires the CNRA to determine a range of targets for natural carbon sequestration and for nature-based climate solutions that reduce GHG emissions for future years 2030, 2038, and 2045. These targets are established to support the state's goals to achieve carbon neutrality and foster climate adaptation and resilience.

3.2.3.2 Building Energy

California Code of Regulations, Title 24, Part 6

The California Building Standards Code was established in 1978 and serves to enhance and regulate California's building standards. Although not initially promulgated to reduce GHG emissions, Part 6 of Title 24 specifically established Building Energy Efficiency Standards that are designed to ensure that new and existing buildings in California achieve energy efficiency and preserve outdoor and indoor environmental quality. These energy efficiency standards are reviewed every 3 years by the Building Standards Commission and the CEC, and revised if necessary (PRC Section 25402[b][1]). The regulations receive input from members of industry and the public to "reduce the wasteful, uneconomic, inefficient, or unnecessary consumption of energy" (PRC Section 25402). These regulations are scrutinized and analyzed for technological and economic feasibility (PRC Section 25402[d]) and cost effectiveness (PRC Section 25402[b][2–3]). As a result, these standards save energy, increase electricity supply reliability, increase indoor comfort, avoid the need to construct new power plants, and help preserve the environment.

The current Title 24, Part 6 standards, referred to as the 2022 Title 24 Building Energy Efficiency Standards, became effective on January 1, 2023. The 2022 Energy Code focuses on four key areas in newly constructed homes and businesses (CEC 2021):

- Encouraging electric heat pump technology for space and water heating, which consumes less energy and produces fewer emissions than gas-powered units.
- Establishing electric-ready requirements for single-family homes to position owners to use cleaner electric heating, cooking, and electric vehicle charging options whenever they choose to adopt those technologies.
- Expanding solar photovoltaic system and battery storage standards to make clean energy available on site and complement the state's progress toward a 100% clean electricity grid.
- Strengthening ventilation standards to improve indoor air quality.

California Code of Regulations Title 24, Part 11

In addition to CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (24 CCR Part 11), which is commonly referred to as CALGreen, establishes minimum mandatory standards and voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The CALGreen standards took effect in January 2011 and instituted mandatory minimum environmental performance standards for all ground-up new construction of commercial, low-rise residential, state-owned buildings, and schools and hospitals. The 2022 CALGreen standards are the current applicable standards.

California Code of Regulations Title 20

Title 20 of the California Code of Regulations requires manufacturers of appliances to meet federal and state standards for energy and water efficiency (20 CCR 1401–1410). The CEC certifies an appliance based on a manufacturer's demonstration that the appliance meets the standards. New appliances regulated under Title 20 include refrigerators, refrigerator/freezers, and freezers; room air conditioners and room air-conditioning heat pumps; central air conditioners; spot air conditioners; vented gas space heaters; gas pool heaters; plumbing fittings and plumbing fixtures; fluorescent lamp ballasts; lamps; emergency lighting; traffic signal modules; dishwaters; clothes washers and dryers; cooking products; electric motors; low-voltage dry-type distribution transformers; power supplies; televisions and consumer audio and video equipment; and battery charger systems. Title 20 presents protocols for testing each type of appliance covered under the regulations, and appliances must meet the standards for energy performance, energy design, water performance, and water design. Title 20 contains three types of standards for appliances: federal and state standards for federally regulated appliances, state standards for federally regulated appliances, and state standards for non-federally regulated appliances.

Assembly Bill 1470

AB 1470 established the Solar Water Heating and Efficiency Act of 2007 (California Public Utilities Code Sections 2851–2869). The bill makes findings and declarations of the Legislature relating to the promotion of solar water heating systems and other technologies that reduce natural gas demand.

Assembly Bill 1109

Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general-purpose lighting to reduce electricity consumption by 50% for indoor residential lighting and by 25% for indoor commercial lighting (PRC Section 25402.5.4).

3.2.3.3 Renewable Energy and Energy Procurement

Senate Bill 1078, Senate Bill 1368, Executive Order S-14-08, Executive Order S-21-09, Senate Bill X1-2, and Senate Bill 1020

SB 1078 (2002) (California Public Utilities Code Section 399.11 et seq.) established the Renewables Portfolio Standard program, which required an annual increase in renewable generation by the utilities equivalent to at least 1% of sales, with an aggregate goal of 20% by 2017. This goal was subsequently accelerated, requiring utilities to obtain 20% of their power from renewable sources by 2010 (see SB 107, EO S-14-08, and EO S-21-09).

SB 1368 (2006), required the CEC to develop and adopt regulations for GHG emissions performance standards for the long-term procurement of electricity by local publicly owned utilities (California Public Utilities Code Section 8340–8341). These standards must be consistent with the standards adopted by the California Public Utilities Commission.

EO S-14-08 (2008) focused on the contribution of renewable energy sources to meet the electrical needs of California while reducing the GHG emissions from the electrical sector. This EO required that all retail suppliers of electricity in California serve 33% of their load with renewable energy by 2020. Furthermore, the EO directed state agencies to take appropriate actions to facilitate reaching this target. The CNRA, in collaboration with the CEC and the California Department of Fish and Wildlife, was directed to lead this effort.

EO S-21-09 (2009) directed CARB to adopt a regulation consistent with the goal of EO S-14-08 by July 31, 2010. CARB was further directed to work with the California Public Utilities Commission and CEC to ensure that the regulation builds upon the Renewables Portfolio Standard program and was applicable to investor-owned utilities, publicly owned utilities, direct access providers, and community choice providers. Under this order, CARB was to give the highest priority to those renewable resources that provide the greatest environmental benefits with the least environmental costs and impacts on public health, and those that can be developed the most quickly in support of reliable, efficient, cost-effective electricity system operations. On September 23, 2010, CARB initially approved regulations to implement a Renewable Electricity Standard; however, this regulation was not finalized because of subsequent legislation (SB X1-2) signed by Governor Brown in April 2011.

SB X1-2 (April 2011) expanded the Renewables Portfolio Standard by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by December 31, 2013, and 33% by December 31, 2020, and in subsequent years. Under the bill, a renewable electrical generation facility is one that uses biomass, solar thermal, solar photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation (30 megawatts or less), digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect to its location. SB X1-2 applies to all electricity retailers in the state, including publicly owned utilities, investor-owned utilities, electricity service providers, and community choice aggregators. All these entities must meet the renewable energy goals listed above.

SB 350 (2015) further expanded the Renewables Portfolio Standard program by establishing a goal of 50% of the total electricity sold to retail customers in California per year by December 31, 2030. In addition, SB 350 included the goal to double the energy efficiency savings in electricity and natural gas final end uses (such as heating, cooling, lighting, or class of energy uses on which an energy-efficiency program is focused) of retail customers

through energy conservation and efficiency. The bill also requires the California Public Utilities Commission, in consultation with CEC, to establish efficiency targets for electrical and gas corporations consistent with this goal.

SB 100 (2018) increased the standards set forth in SB 350, establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024; 52% by December 31, 2027; and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California. This bill requires that the achievement of 100% zero-carbon electricity resources do not increase the carbon emissions elsewhere in the western grid, and that the achievement not be achieved through resource shuffling.

SB 1020 (September 2022) revises the standards from SB 100, requiring the following percentage of retail sales of electricity to California end-use customers to come from eligible renewable energy resources and zero-carbon resources: 90% by December 31, 2035; 95% by December 31, 2040; and 100% by December 31, 2045.

3.2.3.4 Mobile Sources

State Vehicle Standards (Assembly Bill 1493 and Executive Order B-16-12)

AB 1493 (July 2002) was enacted in response to the transportation sector accounting for a large share of California's CO_2 emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by CARB to be vehicles that are primarily used for noncommercial personal transportation in the state. The bill required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004. EO B-16-12 (March 2012) required that state entities under the governor's direction and control support and facilitate the rapid commercialization of ZEVs. It ordered CARB, the CEC, the California Public Utilities Commission, and other relevant agencies to work with the Plug-In Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve benchmark goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 identified a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare. As explained under the "Federal Vehicle Standards" subheading in Section 3.2.2, Federal, EPA and NHTSA approved the SAFE Vehicles Rule Part One and Two, which revoked California's authority to set its own GHG emissions standards and set ZEV mandates in California.

As also explained in Section 3.2.2, in March 2022, EPA reinstated California's authority under the CAA to implement its own GHG emissions standards and ZEV sales mandate. EPA's action concludes its reconsideration of the 2019 SAFE-1 rule by finding that the actions taken under the previous administration as a part of SAFE-1 were decided in error and are now entirely rescinded.

Heavy-Duty Diesel

CARB adopted the final Heavy-Duty Truck and Bus Regulation on December 31, 2014, to reduce DPM, a major source of black carbon, and NO_x emissions from heavy-duty diesel vehicles (13 CCR 2025). The rule requires that DPM filters be applied to newer heavier trucks and buses by January 1, 2012, with older vehicles required to comply by January 1, 2015. The rule required nearly all diesel trucks and buses to be compliant with the 2010 model year

engine requirement by January 1, 2023. On December 12, 2013, CARB adopted an Airborne Toxics Control Measure to limit idling of diesel-fueled commercial vehicles. This rule requires diesel-fueled vehicles with gross vehicle weights greater than 10,000 pounds to idle no more than 5 minutes at any location (13 CCR 2485).

Executive Order S-1-07

EO S-1-07 (January 2007, implementing regulation adopted in April 2009) sets a declining Low Carbon Fuel Standard for GHG emissions measured in CO_2e grams per unit of fuel energy sold in California. The target of the Low Carbon Fuel Standard was to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020 (17 CCR 95480 et seq.). The carbon intensity measures the amount of GHG emissions in the lifecycle of a fuel—including extraction/feedstock production, processing, transportation, and final consumption—per unit of energy delivered.

Senate Bill 375

SB 375 (California Government Code Section 65080) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 requires CARB to adopt regional GHG-reduction targets for the automobile and light-truck sector for 2020 and 2035, and to update those targets every 8 years. SB 375 requires the state's 18 regional Metropolitan Planning Organizations (MPOs) to prepare a Sustainable Communities Strategy (SCS) as part of their Regional Transportation Plan (RTP) that will achieve the GHG-reduction targets set by CARB. If an MPO is unable to devise an SCS to achieve the GHG-reduction target, the MPO must prepare an alternative planning strategy demonstrating how the GHG-reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies.

An SCS does not (1) regulate the use of land; (2) supersede the land use authority of cities and counties; or (3) require that a city's or county's land use policies and regulations, including those in a general plan, be consistent with it (California Government Code Section 65080[b][2][K]). Nonetheless, SB 375 makes regional and local planning agencies responsible for developing those strategies as part of the federally required metropolitan transportation planning process and the state-mandated housing element process.

Advanced Clean Cars Program and Zero-Emissions Vehicle Program

The Advanced Clean Cars I program (January 2012) is an emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package of regulations: the Low-Emission Vehicle regulation for criteria air pollutant and GHG emissions and a technology forcing regulation for ZEVs that contributes to both types of emission reductions (CARB 2023j). The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars. To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that by 2025, cars will emit 75% less smog-forming pollution than the average new car sold in 2015. The ZEV program will act as the focused technology of the Advanced Clean Cars I program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles in the 2018 to 2025 model years.

The Advanced Clean Cars II program, which was adopted in August 2022, established the next set of low-emission vehicle and ZEV requirements for model years after 2025 to contribute to meeting federal ambient air quality O_3

standards and California's carbon neutrality standards. The main objectives of Advanced Clean Cars II are as follows (CARB 2023j):

- Maximize criteria and GHG emission reductions through increased stringency and real-world reductions.
- Accelerate the transition to ZEVs through both increased stringency of requirements and associated actions to support wide-scale adoption and use.

The Advanced Clean Cars II rulemaking package also considers technological feasibility, environmental impacts, equity, economic impacts, and consumer impacts.

Executive Order N-79-20

EO N-79-20 (September 2020) requires CARB to develop regulations as follows: (1) passenger vehicle and truck regulations requiring increasing volumes of new ZEVs sold in the state toward the target of 100% of in-state sales by 2035; (2) medium- and heavy-duty vehicle regulations requiring increasing volumes of new zero-emission trucks and buses sold and operated in the state toward the target of 100% of the fleet transitioning to ZEVs by 2045 everywhere feasible, and for all drayage trucks to be zero emission by 2035; and (3) strategies, in coordination with other state agencies, the EPA, and local air districts, to achieve 100% zero emissions from off-road vehicles and equipment operations in the state by 2035. EO N-79-20 called for the development of a ZEV Market Development Strategy, which was released in February 2021, to be updated every 3 years, that ensures coordination and implementation of the EO, and outlines actions to support new and used ZEV markets. In addition, the EO specifies identification of near-term actions and investment strategies to improve clean transportation, sustainable freight, and transit options, and calls for development of strategies, recommendations, and actions by July 15, 2021, to manage and expedite the responsible closure and remediation of former oil extraction sites as the state transitions to a carbon-neutral economy.

Advanced Clean Trucks Regulation

The Advanced Clean Trucks Regulation was also approved by CARB in 2020. The purpose of the Advanced Clean Trucks Regulation is to accelerate the market for ZEVs in the medium- and heavy-duty truck sector and to reduce air pollutant emissions generated from on-road mobile sources (CARB 2021b). The regulation has two components, (1) a manufacturer sales requirement and (2) a reporting requirement:

- **Zero-emission truck sales:** Manufacturers who certify Class 2b–8 chassis or complete vehicles with combustion engines will be required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales would need to be 55% of Class 2b–3 truck sales, 75% of Class 4–8 straight truck sales, and 40% of truck tractor sales.
- **Company and fleet reporting:** Large employers, including retailers, manufacturers, brokers, and others, will be required to report information about shipments and shuttle services. Fleet owners with 50 or more trucks will be required to report about their existing fleet operations. This information will help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

3.2.3.5 Water

Executive Order B-29-15

In response to the ongoing drought in California, EO B-29-15 (April 2015) set a goal of achieving a statewide reduction in potable urban water usage of 25% relative to water use in 2013. The term of the EO extended through February 28, 2016, although many of the directives have become permanent water-efficiency standards and requirements. The EO includes specific directives that set strict limits on water usage in the state. In response to EO B-29-15, the California Department of Water Resources modified and adopted a revised version of the Model Water Efficient Landscape Ordinance that, among other changes, significantly increases the requirements for landscape water use efficiency and broadens its applicability to include new development projects with smaller landscape areas.

Executive Order N-10-21

In response to a state of emergency due to severe drought conditions, EO N-10-21 (July 2021) called on all Californians to voluntarily reduce their water use by 15% from their 2020 levels. Actions suggested in EO N-10-21 include reducing landscape irrigation, running dishwashers and washing machines only when full, finding and fixing leaks, installing water-efficient showerheads, taking shorter showers, using a shut-off nozzle on hoses, and taking cars to commercial car washes that use recycled water.

3.2.3.6 Solid Waste

Assembly Bill 939, Assembly Bill 341, Assembly Bill 1826, and Senate Bill 1383

In 1989, AB 939, known as the Integrated Waste Management Act (PRC Section 40000 et seq.), was passed because of the increase in waste stream and the decrease in landfill capacity. The statute established the California Integrated Waste Management Board (replaced in 2010 by the California Department of Resources Recycling and Recovery, or CalRecycle), which oversees a disposal reporting system. AB 939 mandated a reduction of waste being disposed of where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by 2000.

AB 341 (2011) amended the California Integrated Waste Management Act of 1989 to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by 2020, and annually thereafter. In addition, AB 341 required CalRecycle to develop strategies to achieve the state's policy goal.

AB 1826 (Chapter 727, Statutes of 2014, effective 2016) requires businesses to recycle their organic waste (i.e., food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste) depending on the amount of waste they generate per week. This law also requires local jurisdictions across the state to implement an organic waste recycling program to divert organic waste generated by businesses, including multi-family residential dwellings that consist of five or more units. The minimum threshold of organic waste generation by businesses decreases over time, which means an increasingly greater proportion of the commercial sector will be required to comply.

SB 1383 (2016) requires a 50% reduction in organic waste disposal from 2014 levels by 2020 and a 75% reduction by 2025—essentially requiring the diversion of up to 27 million tons of organic waste—to reduce GHG emissions. SB 1383 also requires that not less than 20% of edible food that is currently disposed of be recovered for human consumption by 2025.

3.2.3.7 Other State Actions

Senate Bill 97

SB 97 (2007) directed the Governor's Office of Planning and Research and CNRA to develop guidelines under CEQA for the mitigation of GHG emissions. CNRA adopted the CEQA Guidelines amendments in December 2009, which became effective in March 2010.

Under the amended CEQA Guidelines, a lead agency has the discretion to determine whether to use a quantitative or qualitative analysis or apply performance standards to determine the significance of GHG emissions resulting from a particular project (14 CCR 15064.4[a]). The CEQA Guidelines require a lead agency to consider the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4[b]). The CEQA Guidelines also allow a lead agency to consider feasible means of mitigating the significant effects of GHG emissions, including reductions in emissions through the implementation of project features or off-site measures (14 CCR 15126.4[c]). The adopted amendments do not establish a GHG emission threshold, instead allowing a lead agency to develop, adopt, and apply its own thresholds of significance or those developed by other agencies or experts. CNRA also acknowledged that a lead agency could consider compliance with regulations or requirements implementing AB 32 in determining the significance of a project's GHG emissions (CNRA 2009).

With respect to GHG emissions, CEQA Guidelines Section 15064.4(a), as subsequently amended in 2018, states that lead agencies "shall make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions. The CEQA Guidelines now note that an agency "shall have discretion to determine, in the context of a particular project, whether to: (1) Quantify greenhouse gas emissions resulting from a project; and/or (2) Rely on a qualitative analysis or performance-based standards" (14 CCR 15064.4[a]). Section 15064.4(b) states that the lead agency should consider the following when assessing the significance of impacts from GHG emissions on the environment: (1) the extent to which a project may increase or reduce GHG emissions as compared to the existing environmental setting; (2) whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4[b]).

Executive Order S-13-08

EO S-13-08 (November 2008) is intended to hasten California's response to the impacts of global climate change, particularly sea-level rise. Therefore, the EO directs state agencies to take specified actions to assess and plan for such impacts. The California Climate Adaptation Strategy report was issued in December 2009, and an update, Safeguarding California: Reducing Climate Risk, followed in July 2014. To assess the state's vulnerability, the report summarizes key climate change impacts to the state for the following areas: agriculture, biodiversity and habitat, emergency management, energy, forestry, ocean and coastal ecosystems and resources, public health,

transportation, and water. Issuance of Safeguarding California: Implementation Action Plans followed in March 2016. In January 2018, the CNRA released the Safeguarding California Plan: 2018 Update, which communicates current and needed actions that state government should take to build climate change resiliency (CNRA 2018).

3.2.4 Local

3.2.4.1 San Diego Association of Governments

The passage of SB 375 requires MPOs to prepare an SCS in their RTP. SANDAG serves as the MPO for the San Diego region and is responsible for developing and adopting an SCS that integrates transportation, land use, and housing to meet GHG reduction targets set by CARB. The RTP/SCS is updated every 4 years in collaboration with the 18 cities and unincorporated County of San Diego, in addition to regional, state, and federal partners. The most recent Regional Plan was adopted in 2021 and provides guidance on meeting or exceeding GHG targets through implementation of five key transportation strategies: complete corridors, high-speed transit services, mobility hubs, flexible fleets, and a digital platform to tie the transportation system together. Through these strategies, the RTP/SCS is projected to reduce per-capita GHG emissions from cars and light-duty trucks to 20% below 2005 levels by 2035, exceeding the region's state-mandated target of 19% (SANDAG 2021).

3.2.4.2 City of Oceanside

General Plan

The City of Oceanside's General Plan includes various policies related to reducing GHGs (both directly and indirectly) in its Land Use Element (2002), Circulation Element (2012), and Energy Climate Action Element (City of Oceanside 2019a). See Section 2.2.3.6 for policies that would improve air quality and also reduce GHGs. Additional City policies that would reduce GHGs include the following:

Land Use Element

Energy

Policy A. The City shall encourage the design, installation, and use of passive and active solar collection systems.

Policy B. The City shall encourage the use of energy efficient design, structures, materials, and equipment in all land developments or uses.

Circulation Element

Transportation Demand Management

Policy 4.9. The City shall look for opportunities to incorporate TDM [Transportation Demand Management] programs into their Energy Roadmap that contributes to state and regional goals for saving energy and reducing greenhouse gas emissions.

Energy Climate Action Element

Renewable Energy and Energy Efficiency

Policy ECAE-1a-2. Require that new development supply a portion of its energy demand through renewable sources, to the extent practical and financially feasible.

Policy ECAE-1c-2. Encourage passive solar building design in new development.

Policy ECAE-1d-3. Encourage the use of locally-produced construction materials, including salvaged lumber.

Smart Growth and Multimodal Transportation

Policy ECAE-2a-2. Continue to enhance organics waste recycling opportunities for both the commercial and residential sector in accordance with the City's Zero Waste goals, and State Organics mandates.

Policy ECAE-4a-3. Enforce mandatory water use efficiency measures and State prohibitions on wasteful water use practices.

Policy ECAE-5a-7. Encourage new development to incorporate shade trees, to the extent practical and financially feasible.

Climate Action Plan

The City adopted its Climate Action Plan (CAP) on May 8, 2019 (City of Oceanside 2019b). The CAP acts as a roadmap to address challenges of climate change within Oceanside, and outlines measures the City will take to make progress toward meeting the state's GHG reduction goals. The CAP includes a baseline GHG emissions inventory for 2013; GHG emissions forecasts for 2020, 2030, 2035, 2040, and 2050; local GHG emissions reduction strategies and measures to help the City achieve the statewide targets; and implementation and monitoring mechanisms to ensure the City's measures and targets are achieved. The CAP established local GHG emissions reduction targets for future years as follows (City of Oceanside 2019b):

- by 2020, reduce GHG emissions levels to 5 MT CO_2e per capita;
- by 2030, reduce GHG emissions levels to 4 MT CO_2e per capita;
- by 2040, reduce GHG emissions levels to 3 MT CO_2e per capita; and
- by 2050, reduce GHG emissions levels to 2 MT CO_2e per capita.

The CAP was prepared in accordance with the requirements within CEQA Guidelines Section 15183.5, and is considered a qualified GHG reduction strategy.

City of Oceanside Energy Climate Action Element

The Energy Climate Action Element (ECAE) of the City's General Plan was adopted on May 8, 2019, and addresses energy consumption and other activities within the City that may contribute to adverse energy and GHG impacts

(City of Oceanside 2019a). The Energy Climate Action Element focuses on activities associated with human-induced climate change. The Energy Climate Action Element outlines sustainability goals and policies for the City's decision-making process, including development review protocols. The primary themes and goals of the Energy Climate Action Element are related to energy efficiency and renewable energy, smart growth and multimodal transportation, zero waste, water conservation, urban greening, local agriculture, and sustainable consumption.

3.3 Significance Criteria and Methodology

3.3.1 Thresholds of Significance

California has developed guidelines to address the significance of GHG emissions impacts that are contained in Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.). Appendix G provides that a project would have a significant environmental impact if it would:

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

The Appendix G thresholds for GHGs do not prescribe specific methodologies for performing an assessment, do not establish specific thresholds of significance, and do not mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance consistent with the manner in which other impact areas are handled in CEQA (CNRA 2009). Additional guidance regarding assessment of GHGs is discussed below.

Global climate change is a cumulative impact; a project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. There are currently no established thresholds for assessing whether the GHG emissions of a project, such as the proposed project, would be considered a cumulatively considerable contribution to global climate change; however, all reasonable efforts should be made to minimize a project's contribution to global climate change. In addition, although GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008), GHG emissions impacts must also be evaluated on a project level under CEQA.

CEQA Guidelines

With respect to GHG emissions, CEQA Guidelines Section 15064.4(a) states that lead agencies "shall make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions resulting from a project. The CEQA Guidelines note that an agency has the discretion to either quantify a project's GHG emissions or rely on a "qualitative analysis or performance-based standards" (14 CCR 15064.4[a]). A lead agency may use a "model or methodology" to estimate GHG emissions and has the discretion to select the model or methodology it considers "most appropriate to enable decision makers to intelligently take into account the project's incremental contribution to climate change" (14 CCR 15064.4[c]). The CEQA Guidelines provide that

the lead agency should consider the following when determining the significance of impacts from GHG emissions on the environment (14 CCR 15064.4[b]):

1. The extent a project may increase or reduce GHG emissions as compared to the existing environmental setting.
2. Whether the project's emissions exceed a threshold of significance that the lead agency determines applies to the project.
3. The extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions.

In addition, the CEQA Guidelines specify that "[w]hen adopting or using thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence" (14 CCR 15064.7[c]).

The extent to which a project increases or decreases GHG emissions in the existing environmental setting should be estimated in accordance with Section 15064.4, Determining the Significance of Impacts from Greenhouse Gas Emissions, of the State CEQA Guidelines. The State CEQA Guidelines indicate that when calculating GHG emissions resulting from a project, lead agencies must make a good-faith effort based on scientific and factual data (Section 15064.4[a]), and lead agencies have discretion to select the model or methodology deemed most appropriate for enabling decision makers to intelligently assess the project's incremental contribution to climate change (Section 15064.4[c]).

The State CEQA Guidelines do not indicate an amount of GHG emissions that constitutes a significant impact on the environment. Instead, they authorize the lead agency to consider thresholds of significance previously adopted or recommended by other public agencies or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence (State CEQA Guidelines Sections 15064.4[a] and 15064.7[c]). Several agencies throughout the state have drafted and/or adopted numerical threshold approaches and guidelines for analyzing the significance of project-related GHG emissions; however, no numerical thresholds have been formally adopted by an air district or lead agency for use in the San Diego region.

Governor's Office of Planning and Research Guidance

The Governor's Office of Planning and Research's Technical Advisory, titled Discussion Draft CEQA and Climate Change Advisory (OPR 2018), states the following:

> [N]either the CEQA statute nor the CEQA Guidelines prescribe thresholds of significance or particular methodologies for performing an impact analysis. This is left to lead agency judgment and discretion, based upon factual data and guidance from regulatory agencies and other sources where available and applicable. … Even in the absence of clearly defined thresholds for GHG emissions, such emissions must be disclosed and mitigated to the extent feasible whenever the lead agency determines that the project contributes to a significant, cumulative climate change impact.

Furthermore, the advisory document indicates that "in the absence of regulatory standards for GHG emissions or other scientific data to clearly define what constitutes a 'significant impact,' individual lead agencies may undertake a project-by-project analysis, consistent with available guidance and current CEQA practice" (OPR 2018). CEQA Guidelines Section 15064.7(c) specifies that "when adopting thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence."

Approaches to Determining Significance

The significance of the project-related GHG emissions can be determined by evaluating the project's compliance with regulations or requirements adopted to implement statewide, regional, or local plans for the reduction or mitigation of GHG emissions. The state's 2030 target (reduce GHG emissions to 40% below 1990 levels by 2030) has been codified in law through SB 32. Therefore, 2030 marks the next statutory statewide milestone target applicable to the proposed project.

The City's 2019 CAP is a qualified GHG emissions reduction plan in accordance with State CEQA Guidelines Section 15183.5. CEQA Guidelines Section 15183.5(a) states that lead agencies may analyze and mitigate the significant effects of GHG emissions at a programmatic level, such as in a general plan, a long-range development plan, or a separate plan, to reduce GHG emissions. Later project-specific environmental documents may tier from and/or incorporate by reference the existing programmatic review. CEQA Guidelines Section 15183.5(b) states that public agencies may choose to analyze and mitigate significant GHG emissions in a plan for the reduction of GHG emissions. Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of a CAP.

The City's CAP seeks to align with state efforts to reduce GHG emissions while balancing a variety of community interests, including quality of life, economic development, and social equity. The City's CAP quantified baseline and projected future GHG emissions from activities within the City (City of Oceanside 2019b). State GHG reduction efforts were first initiated by EO S-3-05 in 2005, which established a 2050 emissions target to stabilize the climate (CARB 2008). EO S-3-05 also established a 2020 GHG emissions target goal, which was later codified by the State Legislature as AB 32. EO B-30-15 then established an additional interim 2030 GHG emissions target, which was also codified by the State Legislature. Proposed City-specific measures and strategies were developed to reduce GHG emissions in accordance with 2020 and 2030 targets codified by the State Legislature. On a per-capita basis, the 2020 GHG emissions target requires that emissions be reduced to "about 10 tons per person by 2020" (CARB 2008), and the subsequent targets require that emissions be reduced to "no more than 6 MT CO_2e per capita by 2030 and no more than 2 MT CO_2e per capita by 2050" (CARB 2017a). The City's CAP established GHG reduction targets for 2030 that are more rigorous than the state's 6 MT CO_2e per capita goal. The City's goal is to achieve GHG emissions levels of 4 MT CO_2e per capita by 2030 and 3 MT CO_2e per capita by 2040. A 2050 target of 2 MT CO_2e per capita is established for the City (City of Oceanside 2019b) consistent with recommendations of the 2017 Scoping Plan and international agreements, such as the Under 2 Memorandum of Understanding, which requires that all "signatories agree to reduce their GHG emissions to two metric tons CO_2e per capita by 2050" (Climate Group 2021). This is the most commonly agreed upon 2050 target, and directly relates to the long-term target of EO-S-05.

As discussed in the City's CAP, to ensure the City remains on track to achieve the long-term reduction goals of the state, the City has implemented GHG reduction measures proactively. The CAP measures outline how the City will reduce its near-term GHG emissions and establish infrastructure to support continued reductions beyond 2030. The City is already projected to meet state-aligned per-capita near-term emissions targets (2020 and 2030), and as such, reduction measures in the CAP (Chapter 3 of the CAP) were selected based on their ability to achieve long-term GHG emission reductions. Measures were focused on energy, water, solid waste, transportation and land use, and agriculture and forestry (City of Oceanside 2019b). Although the City's CAP predates CARB's 2022 Scoping Plan, the City's measures are consistent with CARB's recommendations for local actions focused on transportation electrification, vehicle miles traveled reduction, and building decarbonization (CARB 2022b).

GHG emissions are by nature a cumulative impact; therefore, projects may rely on the City's CAP to determine a project's impact on a project-level/cumulative-level basis. Chapter 4, Implementation, of the City's CAP outlines how the CAP reduction measures will be implemented and establishes a mechanism for individual development projects to evaluate their consistency with the CAP through completion of a checklist (City of Oceanside 2019b).

The City's CAP relies on a screening threshold based on land use size and a CAP Consistency Checklist to determine whether a project's emissions would be consistent with GHG emissions estimated within the City's CAP (City of Oceanside 2019b). Consistent with the California Air Pollution Control Officers Association's CEQA and Climate Change document (CAPCOA 2008), the City established a bright-line threshold of significance for GHG emissions impacts: 900 MT CO_2e annually, with construction-related emissions amortized over 20 years. Specifically, the City determined that new development projects emitting less than 900 MT CO_2e annual GHG would not contribute considerably to cumulative climate change impacts, and therefore do not need to demonstrate consistency with the CAP strategies, and would be determined to not conflict with the CAP (City of Oceanside 2019b). The 900 MT CO_2e bright-line threshold represents a market capture rate of 90% of all development projects (CAPCOA 2008). The objective of the bright-line threshold is to set the emissions low enough to capture a substantial fraction of future residential and nonresidential development that will be constructed to accommodate future statewide population and job growth, while setting the emissions threshold high enough to exclude small development projects that will contribute a relatively small fraction of the cumulative statewide GHG emissions (CAPCOA 2008). The 90% capture rate of new development establishes a strong basis for demonstrating that cumulative reductions are being achieved across the state. Projects greater than 900 MT CO_2e would be required to show CAP Checklist consistency, which can be used to determine that the project would be consistent with the CAP. Essentially, to demonstrate that a project would comply with the CAP requires a two-step process: the first step is a screening-level bright-line threshold, which, if exceeded, would require the second step, which is a CAP measures consistency analysis (CAPCOA 2008).

CEQA Guidelines Section 15183.5(2) states that an environmental document that relies on a GHG reduction plan for a cumulative impact analysis must identify those requirements specified in the plan that apply to the project, and if those requirements are not otherwise biding and enforceable, incorporate those requirements as mitigation measures applicable to the project. In accordance with CEQA Guidelines Section 15183.5(2), the CAP Checklist provides for streamlined review of projects subject to environmental review, offering an alternative to project-specific analysis of GHG emissions impacts. The CAP Checklist is available to projects that meet locational requirements that further efforts to facilitate housing and employment growth in walkable, transit-served areas, as well as projects that either (1) conform to current land use and zoning standards or (2) involve uses that would generate less GHG emissions than those allowed under current standards.

As discussed above under Section 3.3.1, Thresholds of Significance, GHG emissions are recognized exclusively as a cumulative impact (CAPCOA 2008). The CAP Consistency Checklist is used to determine project-level significance in accordance with CEQA Guidelines Section 15183.5; the measures in the CAP Consistency Checklist identify the specific requirements that must be implemented by development projects on a city-wide basis to achieve identified reduction targets. The CAP addresses the cumulative impact of GHG emissions on a city-wide basis, and a project's compliance with the CAP supports the City's GHG emission reduction goals (City of Oceanside 2019b).

In accordance with CEQA Guidelines Section 15064.4, GHG emissions resulting from construction and operation of the proposed project were quantitatively estimated. The potential impacts from project-related GHG emissions were assessed based on the total increase above the existing environmental setting, which is developed and vacant land. The GHG emissions associated with implementation of the project were estimated using industry standard and accepted software tools, techniques, and emissions factors. The significance of the project's GHG impacts is based on the project's compliance with the City's CAP measures.

3.3.2 Approach and Methodology

3.3.2.1 Construction

CalEEMod Version 2022 was used to estimate potential project-generated GHG emissions during construction. Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. All details for construction criteria air pollutants discussed in Section 2.3.2, Approach and Methodology, for air quality are also applicable for the estimation of construction-related GHG emissions. Construction-related GHG emissions were amortized over 20 years and added to operational emissions to compare to the City's bright-line threshold.

3.3.2.2 Operation

Operation of the project would generate GHG emissions from mobile sources, area sources (landscape maintenance equipment), energy use, water use and wastewater generation, solid waste, and refrigerants. As with project construction, CalEEMod Version 2022 was used to estimate potential project-generated operational GHG emissions based on project land uses. It was assumed that the project would be operational following completion of construction in 2028.

Mobile Sources (Motor Vehicles)

All details for criteria air pollutants discussed in Section 2.3.2 for air quality are also applicable for the estimation of operational-related GHG emissions are also applicable for the estimation of operational mobile source GHG emissions. Regulatory measures related to mobile sources include AB 1493 (Pavley) and related federal standards. AB 1493 required that CARB establish GHG emission standards for automobiles, light-duty trucks, and other vehicles that are primarily used for noncommercial personal transportation in the state. In addition, the NHTSA and EPA have established corporate fuel economy standards and GHG emission standards, respectively, for automobiles and light-, medium-, and heavy-duty vehicles. Implementation of these standards and fleet turnover (replacement of older vehicles with newer ones) will gradually reduce emissions from the project's motor vehicles. The effectiveness of fuel economy improvements was evaluated using the CalEEMod emission factors for motor

vehicles in 2028 to the extent it was captured in CalEEMod 2022, which is based on the EMission FACtor (EMFAC) 2021 model.

Area

The area source category calculates direct sources of GHG emissions from the project site, including hearths and landscape maintenance equipment. This source category does not include the emissions associated with natural gas usage in space heating or water heating because these are calculated in the building energy use module of CalEEMod. The project would not include woodburning fireplaces in residential units.

Landscape maintenance includes fuel combustion emissions from equipment, such as lawn mowers, roto tillers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers, as well as air compressors, generators, and pumps. The emissions from landscape equipment use were estimated using CalEEMod defaults. For San Diego County, CalEEMod assumes that landscaping equipment would operate 180 days per year. To be conservative, emissions were estimated assuming that landscape maintenance equipment was powered by gasoline or diesel fuel, and not electrified.

Energy

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). CalEEMod default values for energy consumption were applied to each land use. The energy use from residential land uses is calculated in CalEEMod based on the RASS, and energy use from the nonresidential land uses is based on the Commercial Forecast, as discussed in Section 2.3.2.

Annual natural gas and electricity emissions were estimated in CalEEMod using default values for emissions factors for San Diego Gas & Electric, which would be the energy source provider for the project.

Water and Wastewater

Indirect GHG emissions result from the production of electricity used to convey, treat, and distribute water and wastewater. The amount of electricity required to convey, treat, and distribute water depends on the volume of water and the sources of the water. GHG emissions associated with project water consumption were calculated using CalEEMod using default parameters.

Solid Waste

The project would generate solid waste. A large percentage of this waste would be diverted from landfills by a variety of means, such as reducing the amount of waste generated, recycling, and/or composting. The remainder of the waste not diverted would be disposed of at a landfill. GHG emissions from landfills are associated with the anaerobic breakdown of material. GHG emissions associated with the disposal of solid waste associated with the project were calculated by CalEEMod using default parameters.

Refrigerants

Refrigerants are substances used in equipment for air conditioning and refrigeration. Most of the refrigerants used today are HFCs or blends thereof, which can have high GWP values. All equipment that uses refrigerants has a

charge size (i.e., quantity of refrigerant the equipment contains), and an operational refrigerant leak rate, and each refrigerant has a GWP that is specific to that refrigerant. CalEEMod default values were applied, which quantify refrigerant emissions from leaks during regular operation and routine servicing over the equipment lifetime, and then derives average annual emissions from the lifetime estimate (CAPCOA 2022).

For additional details see Appendix A.

3.4 Impact Analysis

This section evaluates the GHG emissions impacts associated with the project. The significance criteria described in Section 3.3.1, Thresholds of Significance, were used to evaluate impacts associated with construction and operation of the project.

3.4.1 Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? and Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

The City of Oceanside's CAP was adopted in May 2019 to assist the City in reducing GHG emissions to 4 MT CO_2e per capita by 2030, and 2 MT CO_2e per capita by 2050 to align with the state's targets established by EOs B-30-15 and S-3-05, respectively. According to the City's CAP, new discretionary development projects subject to CEQA review that emit less than 900 MT CO_2e annually would not contribute considerably to cumulative climate change impacts, and therefore, would be considered consistent with the CAP and associated emissions projections (City of Oceanside 2019b). Projects that exceed the 900 MT CO_2e are evaluated to determine if the CAP Consistency Checklist is applicable.

Project-generated GHG emissions were estimated per the methodology described in Section 3.3.2, Approach and Methodology, and are discussed for construction and operation below. Quantification of GHG emissions is provided pursuant to CEQA Guidelines Section 15064.4(c), and the determination of significance is based on the CAP Consistency Checklist. The completed CAP Consistency Checklist is included as Appendix C and summarized below.

3.4.1.1 Project GHG Emissions

Construction

Table 15 shows the estimated annual GHG construction emissions associated with the project. Additional information about methodology and approach are provided above in Section 3.3.2. Complete details of the construction emissions calculations are provided in Appendix A.

Table 15. Estimated Annual Construction Greenhouse Gas Emissions

Year	CO_2	CH_4	N_2O	R	CO_2e
	Metric Tons per Year				
2026	642.77	0.03	0.05	0.59	658.08
2027	955.46	0.04	0.05	0.93	973.17
2028	21.60	<0.01	<0.01	0.02	21.99
Total for All Years of Construction	**1,619.83**	**0.07**	**0.10**	**1.53**	**1,653.23**
				Amortized Over 20-Years	*82.66*

Source: Appendix A.
Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R = refrigerants; CO_2e = carbon dioxide equivalent.
Totals may not sum due to rounding. Emissions estimates for the proposed project include implementation of PDF-AQ-1.

As shown in Table 15, the estimated total GHG emissions from construction of the project would be 1,653 MT CO_2e. When amortized over 20 years, the estimated annual GHG emissions from construction of the project would be approximately 83 MT CO_2e per year.

Operation

Table 16 shows the estimated annual GHG operational emissions.

Table 16. Summary of Estimated Annual Greenhouse Gas Emissions

Emissions Source	CO_2	CH_4	N_2O	R	CO_2e
	Metric Tons per Year				
Mobile	2,842.36	0.13	0.11	3.52	2,882.37
Area	299.96	0.01	<0.01	0.00	300.29
Energy	242.77	0.05	<0.01	0.00	245.52
Water	7.77	0.55	0.01	0.00	25.61
Waste	32.69	3.27	0.00	0.00	114.36
Refrigerants	0.00	0.00	0.00	1.91	1.91
				Total Operational Emissions	**3,570.05**
				Amortized Construction Emissions (20 years)	82.66
				Total Operational Emissions with Amortized Construction	**3,652.71**
				Brightline Threshold	*900*
				Exceeds Threshold?	**Yes**

Source: See Appendix A for complete results.
Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R= refrigerant; CO_2e = carbon dioxide equivalent.
<0.01 = reported value is less than 0.01.

As discussed above, total annual operational emissions were combined with amortized (20 years) construction emissions and compared to the recommended 900 MT CO_2e bright-line threshold. As shown in Table 16, implementation of the project would result in approximately 3,653 MT CO_2e per year including amortized construction emissions, which would exceed the City's bright-line threshold of 900 MT CO_2e per year.

Per City guidance, new development projects that emit more than 900 MT CO_2e annually could have a considerable contribution to cumulative climate change impacts. Given that project-generated operational emissions in 2028 plus amortized project construction emissions are estimated to exceed this bright-line threshold, the project is required to demonstrate consistency with the CAP Consistency Checklist to ensure that the specific emissions targets identified in the City's CAP can be achieved.

3.4.1.2 Climate Action Plan Consistency Checklist

Projects that meet one or more of the following locational criteria are eligible for using the CAP Consistency Checklist (City of Oceanside 2021):

1. The project site is located within a designated Smart Growth Opportunity Area.
2. The project site is located with ¼ mile of a priority TOD [transit-oriented development] corridor, as identified in the City's Smart and Sustainable Corridors Plan.

   Items 1 and 2 pertain to the City's focus on where development will occur. The City seeks to accommodate future housing and job growth primarily through infill and redevelopment within already urbanized areas. Specifically, the City seeks to facilitate new residential and employment-oriented development within SANDAG-designated Smart Growth Opportunity Areas and prior corridors (i.e., Coast Hwy, Mission Avenue, Oceanside Blvd, Vista Way).
3. The project is consistent with current land use and zoning designations.

   Item 3 ensures that projected growth and development along with GHG emissions would be consistent with projections included in the CAP.
4. The project requires amendment of current land use and zoning designations. As demonstrated through a detailed analysis a) consistent with the precedent in the surrounding zoning district and b) subject to third party expert review, the proposed land uses would generate less GHG emissions than those associated with uses allowed under current land use and zoning designations.

   Similar to Item 3, this measure allows for projects that require land use changes to use the CAP checklist if the projected GHG emissions would be comparable or less than the existing land use designation.

In response to Item 1, the project site is located within a Smart Growth Opportunity Area. Specifically, it is located in smart growth area OC-1 (City of Oceanside 2022). The project would meet locational criterion 1.

In response to Item 2, the project site is located within 0.25 miles of transit-oriented development corridors, consisting of Mission Avenue and Coast Highway. The project would meet locational criterion 2.

In response to Item 3, the project is consistent with the current land use and zoning designation. The project would meet criterion 3.

In response to Item 4, the project does not require a general plan amendment or rezone.

As discussed previously, CEQA Guidelines Section 15183.5(2) states that an environmental document that relies on a GHG reduction plan for a cumulative impact analysis must identify those requirements specified in the plan that apply to the project, and if those requirements are not otherwise binding and enforceable, incorporate those requirements as mitigation measures applicable to the project. In accordance with CEQA Guidelines Section 15183.5(2), the CAP Checklist provides for streamlined review of projects subject to environmental review, offering

an alternative to project-specific analysis of GHG emissions impacts. Table 17 includes the CAP Checklist items and the related project consistency analysis. For the completed CAP Consistency Checklist, see also Appendix C.

Table 17. Climate Action Plan Consistency Checklist and Project Consistency

Check List Item	Project Consistency
1. On-Site Renewable Energy Supply. If the project meets one or more of the thresholds outlined in Section 3047 of the City's Zoning Ordinance, will at least 50 percent of the estimated electricity demand be met with on-site renewable emissions-free energy supply (e.g., solar photovoltaic facilities)?	**Consistent.** The project is a mixed-use project that includes more than 25 dwelling units and is therefore required to comply with the on-site renewable energy supply provisions of the checklist. The project meets requirements with roof top solar panels, and with the purchase of electricity with increased proportion of renewable energy to make up any shortfall in on-site generation to meet the minimum 50% renewable energy use.
2. Electric Vehicle Charging Facilities. If the project involves new development that requires at least five (5) parking spaces, will the project comply with the requirements of Section 3048 of the City's Zoning Ordinance?	**Consistent.** Per Section 3048, the project would reserve at least 15% of parking spaces (41 for Block 5 and 43 for Block 20) for electric vehicles and provide charging facilities in at least 50% of the required electric vehicle parking spaces (28 for Block 5 and 28 for Block 20).
3. Recycled Water Infrastructure. Does the City's Water Utilities Department require that the project install infrastructure to provide for recycled water service?	**Consistent.** The project does not have access to an active recycled water line and would not be required to use recycled water.
4. Transportation Demand Management (TDM). Per Section 3050 of the City's Zoning Ordinance, does the proposed project expected to generate at least 50 daily employee commute trips, necessitating the preparation and implementation of a TDM Plan?	**Consistent.** The project is a mixed-use project with 17,406 square feet of commercial area and would not generate more than 50 daily employee commute trips.
5. Urban Forestry. Will the project comply with the minimum tree canopy and permeable surface area requirements outlined in Section 3049 of the City's Zoning Ordinance?	**Consistent.** The proposed project would involve development of greater than 1 acre and would comply with the provision of a minimum of 12% tree canopy area and 22% of permeable surface area would apply, per the requirements outlined in Section 3049 of the City's Zoning Ordinance.
6. Food Scraps Recycling Program. Will the project comply with the City's Food Scraps Recycling Program?	**Consistent.** The nonresidential uses of the mixed-use project would be subject to the City of Oceanside's Food Scraps Recycling Program, which involves the placement of food scraps in a separate bin for separate processing. All business owners and employees associated with the commercial uses would participate in the free relevant training provided by the City of Oceanside.

Source: See also Appendix C.

As shown in Table 17, the proposed project would be consistent with all applicable measures of the CAP Consistency Checklist adopted by the City to ensure that the emission targets identified in the CAP are achieved.

3.4.1.4 Consistency with Senate Bill 32, Assembly Bill 1279, Executive Order S-3-05, and Assembly Bill 1279

EO S-3-05 identified the following goals: GHG emissions should be reduced to 2000 levels by 2010, to 1990 levels by 2020, and to 80% below 1990 levels by 2050. SB 32 establishes a statewide GHG emissions reduction target whereby CARB, in adopting rules and regulations to achieve the maximum technologically feasible and cost-effective GHG emissions reductions, must ensure that statewide GHG emissions are reduced to at least 40% below 1990 levels by December 31, 2030. AB 1279 establishes a policy for the state to achieve net-zero GHG emissions no later than 2045, and for statewide anthropogenic GHG emissions to be reduced to at least 85% below 1990 levels by 2045.

Each Scoping Plan builds upon the successful framework established by the initial Scoping Plan and subsequent updates, while also identifying new, technologically feasible, and cost-effective strategies to ensure that California meets increasingly stringent GHG reduction targets in a way that promotes and rewards innovation, continues to foster economic growth, and delivers improvements to the environment and public health, including in disadvantaged communities (CARB 2022b). The Scoping Plan updates have continued to express optimism in meeting future year targets of 2050 and 2030, as evaluated in the 2014 and 2017 Scoping Plans (respectively), and most recently, the 2045 goal addressed in the 2022 Scoping Plan under EO B-55-18, which AB 1279 codified and expanded on.

Although there are no established protocols or thresholds of significance for that future year analysis, CARB forecasted in the 2014 Scoping Plan that compliance with the current Scoping Plan would put the state on a trajectory of meeting the long-term 2050 GHG goals, although the specific path to compliance was unknown at the time (CARB 2014). The 2017 Scoping Plan outlined a strategy to achieve the 2030 GHG reduction target. The proposed scenario in the 2022 Scoping Plan lays out a path not just to carbon neutrality by 2045, but also to the 2030 GHG emissions reduction target (CARB 2022b). The modeling indicates that, if the plan described in the proposed scenario is fully implemented, and done so on schedule, the state is on track to reduce its emissions to 260 MMT CO_2e by 2030 (CARB 2022b).

The 2017 Scoping Plan included measures to promote renewable energy and energy efficiency (including the mandates of SB 350), increase stringency of the low-carbon fuel standard, measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed SLCP Plan, and increase stringency of SB 375 targets. The 2022 Scoping Plan builds upon and accelerates programs currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; and displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines) (CARB 2022b). Many of the measures and programs included in the Scoping Plan would result in the reduction of project-related GHG emissions with no action required at the project-level, including GHG emission reductions through increased energy efficiency and renewable energy production (SB 350), reduction in carbon intensity of transportation fuels (low-carbon fuel standard), and the accelerated efficiency and electrification of the statewide vehicle fleet (Mobile Source Strategy). In addition, the project would result in a dense, mixed-use development within a Transit Priority Area and thus screened out of transportation vehicle miles traveled analysis (LLG 2024). Overall, the project would comply with all regulations adopted in furtherance of the Scoping Plan to the extent applicable and required by law and would not conflict with CARB's 2017 or 2022 Scoping Plan updates or with the state's ability to achieve the 2030 and 2045 GHG reduction and carbon neutrality goals.

3.4.1.5 Consistency with SANDAG RTP/SCS

At the regional level, the SANDAG's RTP/SCS has been adopted for the purpose of reducing GHG emissions attributable to passenger vehicles in the San Diego region (SANDAG 2021). The RTP/SCS is not directly applicable to the project because the underlying purpose of the RTP/SCS is to provide direction and guidance on future regional growth (i.e., the location of new residential and nonresidential land uses) and transportation patterns throughout San Diego County, as stipulated under SB 375. CARB has recognized that the approved RTP/SCS is consistent with SB 375. The SANDAG Regional Plan is generally consistent with the local government plans. Because the project is within the scope of development that was anticipated in the General Plan, it would not result in growth that would conflict with the SANDAG Regional Plan. Further, as mentioned previously, the project would result in a dense, mixed-use development within a Transit Priority Area and thus screened out of transportation vehicle miles traveled analysis (LLG 2024). Based on the preceding, the project would not conflict with the SANDAG RTP/SCS.

3.4.1.6 Conclusion

The project would exceed the City's 900 MT CO_2e bright-line threshold, which indicates that additional analysis is required to determine if the project would have a cumulative contribution to GHGs. As shown in the preceding analysis, the project would not conflict with the City's CAP, the SANDAG RTPS/SCS, the 2017 Scoping Plan, or the 2022 Scoping Plan. Accordingly, the project would not generate GHG emissions, either directly or indirectly, that would have a significant impact on the environment, nor would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs. The project's GHG impact would be **less than significant**.

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Appendix A

Air Quality and Greenhouse Gas Emissions CalEEMod Outputs and Estimated Emissions

Oceanside Blocks 5 and 20 Project Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

3.3. Site Preparation (2026) - Unmitigated

3.5. Grading (2026) - Unmitigated

3.7. Building Construction (2026) - Unmitigated

3.9. Building Construction (2027) - Unmitigated

3.11. Building Construction (2028) - Unmitigated

3.13. Paving (2027) - Unmitigated

3.15. Architectural Coating (2027) - Unmitigated

3.17. Architectural Coating (2028) - Unmitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Oceanside Blocks 5 and 20 Project
Construction Start Date	3/15/2026
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.90
Precipitation (days)	20.6
Location	300 N Myers St, Oceanside, CA 92054, USA
County	San Diego
City	Oceanside
Air District	San Diego County APCD
Air Basin	San Diego
TAZ	6200
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	San Diego Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Apartments Mid Rise	373	Dwelling Unit	2.07	353,882	4,783	—	1,041	—

High Turnover (Sit Down Restaurant)	5.72	1000sqft	0.00	5,724	0.00	—	—	—
Enclosed Parking with Elevator	560	Space	0.00	203,286	0.00	—	—	—
Recreational Swimming Pool	2.00	1000sqft	0.00	2,000	0.00	—	—	—
General Office Building	11.3	1000sqft	0.00	11,272	0.00	—	—	—
Strip Mall	0.41	1000sqft	0.00	410	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.4	13.1	15.5	35.2	0.10	0.26	5.88	6.14	0.19	2.18	2.37	—	14,153	14,153	0.67	1.76	23.6	14,718
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.8	13.3	16.0	42.3	0.10	0.26	7.09	7.23	0.19	2.18	2.37	—	14,141	14,141	0.67	1.76	0.68	14,683
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.64	7.46	5.79	22.1	0.02	0.05	3.19	3.24	0.05	0.76	0.81	—	5,771	5,771	0.27	0.32	5.60	5,878
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.39	1.36	1.06	4.04	< 0.005	0.01	0.58	0.59	0.01	0.14	0.15	—	955	955	0.04	0.05	0.93	973

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.63	1.38	15.5	25.5	0.10	0.26	5.88	6.14	0.19	2.18	2.37	—	14,153	14,153	0.67	1.76	23.6	14,718
2027	13.4	13.1	8.21	35.2	0.04	0.07	4.89	4.96	0.06	1.17	1.23	—	8,709	8,709	0.38	0.46	19.4	8,874
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.54	1.37	16.0	25.4	0.10	0.26	7.09	7.23	0.19	2.18	2.37	—	14,141	14,141	0.67	1.76	0.61	14,683
2027	13.8	13.3	14.1	42.3	0.07	0.14	5.91	6.06	0.12	1.44	1.56	—	12,728	12,728	0.61	0.96	0.68	13,030
2028	13.3	13.0	8.35	31.5	0.04	0.07	4.89	4.96	0.06	1.17	1.23	—	8,321	8,321	0.25	0.46	0.45	8,463
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.82	0.70	3.78	13.2	0.02	0.04	1.97	2.01	0.04	0.53	0.57	—	3,882	3,882	0.18	0.28	3.54	3,975
2027	7.64	7.46	5.79	22.1	0.02	0.05	3.19	3.24	0.05	0.76	0.81	—	5,771	5,771	0.27	0.32	5.60	5,878
2028	0.25	0.25	0.13	0.49	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	130	130	< 0.005	0.01	0.12	133
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.15	0.13	0.69	2.40	< 0.005	0.01	0.36	0.37	0.01	0.10	0.10	—	643	643	0.03	0.05	0.59	658
2027	1.39	1.36	1.06	4.04	< 0.005	0.01	0.58	0.59	0.01	0.14	0.15	—	955	955	0.04	0.05	0.93	973
2028	0.05	0.05	0.02	0.09	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.6	21.6	< 0.005	< 0.005	0.02	22.0

2.4. Operations Emissions Compared Against Thresholds

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

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

Unmit.	23.4	21.8	14.6	114	0.26	0.75	19.1	19.9	0.73	4.85	5.58	230	30,812	31,042	24.4	0.88	70.6	31,986
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	19.6	18.2	15.1	77.3	0.25	0.72	19.1	19.8	0.71	4.85	5.56	230	29,760	29,990	24.5	0.92	13.1	30,890
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	19.7	18.6	9.14	79.6	0.18	0.33	15.7	16.0	0.31	3.98	4.30	230	20,461	20,691	24.2	0.79	32.8	21,563
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.59	3.39	1.67	14.5	0.03	0.06	2.87	2.93	0.06	0.73	0.78	38.1	3,387	3,426	4.01	0.13	5.42	3,570

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.3	9.36	7.23	80.1	0.21	0.15	19.1	19.3	0.14	4.85	4.99	—	21,382	21,382	0.87	0.76	59.0	21,687
Area	13.0	12.4	6.47	33.4	0.04	0.53	—	0.53	0.52	—	0.52	0.00	7,950	7,950	0.15	0.02	—	7,958
Energy	0.11	0.05	0.94	0.51	0.01	0.07	—	0.07	0.07	—	0.07	—	1,466	1,466	0.32	0.03	—	1,483
Water	—	—	—	—	—	—	—	—	—	—	—	32.6	14.4	46.9	3.35	0.08	—	155
Waste	—	—	—	—	—	—	—	—	—	—	—	197	0.00	197	19.7	0.00	—	691
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.5	11.5
Total	23.4	21.8	14.6	114	0.26	0.75	19.1	19.9	0.73	4.85	5.58	230	30,812	31,042	24.4	0.88	70.6	31,986
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	10.2	9.20	7.93	74.1	0.20	0.15	19.1	19.3	0.14	4.85	4.99	—	20,425	20,425	0.91	0.80	1.53	20,688
Area	9.30	8.94	6.19	2.63	0.04	0.50	—	0.50	0.50	—	0.50	0.00	7,854	7,854	0.15	0.01	—	7,862

Energy	0.11	0.05	0.94	0.51	0.01	0.07	—	0.07	0.07	—	0.07	—	1,466	1,466	0.32	0.03	—	1,483
Water	—	—	—	—	—	—	—	—	—	—	—	32.6	14.4	46.9	3.35	0.08	—	155
Waste	—	—	—	—	—	—	—	—	—	—	—	197	0.00	197	19.7	0.00	—	691
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.5	11.5
Total	19.6	18.2	15.1	77.3	0.25	0.72	19.1	19.8	0.71	4.85	5.56	230	29,760	29,990	24.5	0.92	13.1	30,890
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	9.01	8.18	6.68	63.3	0.17	0.13	15.7	15.8	0.12	3.98	4.10	—	17,168	17,168	0.78	0.67	21.2	17,410
Area	10.5	10.3	1.53	15.8	0.01	0.13	—	0.13	0.12	—	0.12	0.00	1,812	1,812	0.04	< 0.005	—	1,814
Energy	0.11	0.05	0.94	0.51	0.01	0.07	—	0.07	0.07	—	0.07	—	1,466	1,466	0.32	0.03	—	1,483
Water	—	—	—	—	—	—	—	—	—	—	—	32.6	14.4	46.9	3.35	0.08	—	155
Waste	—	—	—	—	—	—	—	—	—	—	—	197	0.00	197	19.7	0.00	—	691
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.5	11.5
Total	19.7	18.6	9.14	79.6	0.18	0.33	15.7	16.0	0.31	3.98	4.30	230	20,461	20,691	24.2	0.79	32.8	21,563
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.64	1.49	1.22	11.6	0.03	0.02	2.87	2.89	0.02	0.73	0.75	—	2,842	2,842	0.13	0.11	3.52	2,882
Area	1.92	1.89	0.28	2.88	< 0.005	0.02	—	0.02	0.02	—	0.02	0.00	300	300	0.01	< 0.005	—	300
Energy	0.02	0.01	0.17	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	243	243	0.05	< 0.005	—	246
Water	—	—	—	—	—	—	—	—	—	—	—	5.39	2.38	7.77	0.55	0.01	—	25.6
Waste	—	—	—	—	—	—	—	—	—	—	—	32.7	0.00	32.7	3.27	0.00	—	114
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.91	1.91
Total	3.59	3.39	1.67	14.5	0.03	0.06	2.87	2.93	0.06	0.73	0.78	38.1	3,387	3,426	4.01	0.13	5.42	3,570

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	2.27	14.6	0.02	0.05	—	0.05	0.05	—	0.05	—	2,494	2,494	0.10	0.02	—	2,503
Demolition	—	—	—	—	—	—	5.67	5.67	—	0.86	0.86	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.2	34.2	< 0.005	< 0.005	—	34.3
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.66	5.66	< 0.005	< 0.005	—	5.68
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.61	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	140	140	0.01	0.01	0.01	142
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	98.3	98.3	< 0.005	0.01	0.01	103
Hauling	0.34	0.10	6.39	2.39	0.03	0.09	1.26	1.35	0.06	0.35	0.41	—	4,785	4,785	0.24	0.77	0.26	5,020
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.94	1.94	< 0.005	< 0.005	< 0.005	1.97
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.35	1.35	< 0.005	< 0.005	< 0.005	1.41
Hauling	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	65.5	65.5	< 0.005	0.01	0.06	68.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.32	0.32	< 0.005	< 0.005	< 0.005	0.33
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	0.01	11.4

3.3. Site Preparation (2026) - Unmitigated

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

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

Off-Road Equipment	0.21	0.21	1.09	12.7	0.02	0.04	—	0.04	0.04	—	0.04	—	2,237	2,237	0.09	0.02	—	2,245
Dust From Material Movement	—	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	30.6	30.6	< 0.005	< 0.005	—	30.8
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.07	5.07	< 0.005	< 0.005	—	5.09
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.38	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	87.8	87.8	< 0.005	< 0.005	0.01	89.0
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	98.3	98.3	< 0.005	0.01	0.01	103
Hauling	0.04	0.01	0.75	0.28	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	563	563	0.03	0.09	0.03	591
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.23
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.35	1.35	< 0.005	< 0.005	< 0.005	1.41
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.71	7.71	< 0.005	< 0.005	0.01	8.10
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.20
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.28	1.28	< 0.005	< 0.005	< 0.005	1.34

3.5. Grading (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	1.52	18.8	0.03	0.06	—	0.06	0.06	—	0.06	—	3,108	3,108	0.13	0.03	—	3,119
Dust From Material Movement	—	—	—	—	—	—	2.78	2.78	—	1.34	1.34	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	1.52	18.8	0.03	0.06	—	0.06	0.06	—	0.06	—	3,108	3,108	0.13	0.03	—	3,119
Dust From Material Movement	—	—	—	—	—	—	2.78	2.78	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.10	1.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	213	213	0.01	< 0.005	—	214
Dust From Material Movement	—	—	—	—	—	—	0.19	0.19	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.2	35.2	< 0.005	< 0.005	—	35.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.09	1.38	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	297	297	0.01	0.01	1.04	302
Vendor	0.02	0.01	0.25	0.12	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	197	197	0.01	0.03	0.48	206
Hauling	0.77	0.23	13.6	5.22	0.07	0.20	2.78	2.98	0.13	0.76	0.89	—	10,551	10,551	0.53	1.70	22.0	11,091
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.11	0.10	1.22	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	281	281	0.01	0.01	0.03	285
Vendor	0.02	0.01	0.26	0.12	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	197	197	0.01	0.03	0.01	205
Hauling	0.76	0.22	14.1	5.27	0.07	0.20	2.78	2.98	0.13	0.76	0.89	—	10,555	10,555	0.53	1.70	0.57	11,074
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	0.03	19.7
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.5	13.5	< 0.005	< 0.005	0.01	14.1
Hauling	0.05	0.02	0.96	0.36	< 0.005	0.01	0.19	0.20	0.01	0.05	0.06	—	723	723	0.04	0.12	0.65	759
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.21	3.21	< 0.005	< 0.005	0.01	3.26
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.23	2.23	< 0.005	< 0.005	< 0.005	2.33
Hauling	0.01	< 0.005	0.18	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	120	120	0.01	0.02	0.11	126

3.7. Building Construction (2026) - Unmitigated

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

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

Off-Road	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.26	4.76	0.01	0.02	—	0.02	0.02	—	0.02	—	813	813	0.03	0.01	—	816
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.23	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	135	135	0.01	< 0.005	—	135
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.35	1.16	0.89	13.8	0.00	0.00	2.71	2.71	0.00	0.63	0.63	—	2,974	2,974	0.14	0.11	10.4	3,020
Vendor	0.08	0.03	1.27	0.60	0.01	0.01	0.26	0.27	0.01	0.07	0.08	—	983	983	0.04	0.14	2.40	1,028
Hauling	0.02	0.01	0.36	0.14	< 0.005	0.01	0.07	0.08	< 0.005	0.02	0.02	—	281	281	0.01	0.05	0.59	296

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.26	1.14	1.00	12.2	0.00	0.00	2.71	2.71	0.00	0.63	0.63	—	2,809	2,809	0.15	0.11	0.27	2,847
Vendor	0.08	0.03	1.32	0.61	0.01	0.01	0.26	0.27	0.01	0.07	0.08	—	983	983	0.04	0.14	0.06	1,026
Hauling	0.02	0.01	0.38	0.14	< 0.005	0.01	0.07	0.08	< 0.005	0.02	0.02	—	281	281	0.01	0.05	0.02	295
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.54	0.47	5.88	0.00	0.00	1.28	1.28	0.00	0.30	0.30	—	1,353	1,353	0.07	0.05	2.14	1,373
Vendor	0.04	0.02	0.62	0.28	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	469	469	0.02	0.07	0.50	490
Hauling	0.01	< 0.005	0.18	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	134	134	0.01	0.02	0.12	141
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.07	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	224	224	0.01	0.01	0.36	227
Vendor	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	77.7	77.7	< 0.005	0.01	0.08	81.2
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.2	22.2	< 0.005	< 0.005	0.02	23.4

3.9. Building Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,708
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,708
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.13	0.13	1.89	7.11	0.01	0.02	—	0.02	0.02	—	0.02	—	1,216	1,216	0.05	0.01	—	1,220
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.02	0.02	0.34	1.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	201	201	0.01	< 0.005	—	202
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.23	1.13	0.79	13.1	0.00	0.00	2.71	2.71	0.00	0.63	0.63	—	2,924	2,924	0.13	0.11	9.48	2,968
Vendor	0.07	0.03	1.21	0.57	0.01	0.01	0.26	0.27	0.01	0.07	0.08	—	962	962	0.04	0.13	2.15	1,005
Hauling	0.02	0.01	0.35	0.14	< 0.005	0.01	0.07	0.08	< 0.005	0.02	0.02	—	275	275	0.01	0.04	0.54	289
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.21	1.10	0.99	11.5	0.00	0.00	2.71	2.71	0.00	0.63	0.63	—	2,762	2,762	0.15	0.11	0.25	2,799
Vendor	0.07	0.03	1.26	0.58	0.01	0.01	0.26	0.27	0.01	0.07	0.08	—	962	962	0.04	0.13	0.06	1,004
Hauling	0.02	0.01	0.36	0.14	< 0.005	0.01	0.07	0.08	< 0.005	0.02	0.02	—	275	275	0.01	0.04	0.01	288
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.86	0.78	0.70	8.33	0.00	0.00	1.91	1.91	0.00	0.45	0.45	—	1,990	1,990	0.10	0.08	2.92	2,018
Vendor	0.05	0.02	0.89	0.41	< 0.005	0.01	0.18	0.19	0.01	0.05	0.06	—	687	687	0.03	0.10	0.66	717
Hauling	0.01	< 0.005	0.26	0.10	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	196	196	0.01	0.03	0.17	206
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.13	1.52	0.00	0.00	0.35	0.35	0.00	0.08	0.08	—	330	330	0.02	0.01	0.48	334
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	114	114	< 0.005	0.02	0.11	119
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	32.5	32.5	< 0.005	0.01	0.03	34.1

3.11. Building Construction (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.3	23.3	< 0.005	< 0.005	—	23.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.86	3.86	< 0.005	< 0.005	—	3.88
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.19	1.08	0.89	10.9	0.00	0.00	2.71	2.71	0.00	0.63	0.63	—	2,713	2,713	0.06	0.11	0.22	2,746
Vendor	0.07	0.03	1.20	0.56	0.01	0.01	0.26	0.27	0.01	0.07	0.08	—	938	938	0.04	0.13	0.05	979
Hauling	0.02	0.01	0.35	0.14	< 0.005	0.01	0.07	0.08	< 0.005	0.02	0.02	—	268	268	0.01	0.04	0.01	281
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.5	37.5	< 0.005	< 0.005	0.05	38.0
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	0.01	13.4
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.66	3.66	< 0.005	< 0.005	< 0.005	3.85
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.21	6.21	< 0.005	< 0.005	0.01	6.29
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.13	2.13	< 0.005	< 0.005	< 0.005	2.22
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.61	0.61	< 0.005	< 0.005	< 0.005	0.64

3.13. Paving (2027) - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.11	1.40	7.27	0.01	0.02	—	0.02	0.02	—	0.02	—	1,038	1,038	0.04	0.01	—	1,041
Paving	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.0	37.0	< 0.005	< 0.005	—	37.1
Paving	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.12	6.12	< 0.005	< 0.005	—	6.14
Paving	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.86	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	207	207	0.01	0.01	0.02	210

Vendor	0.02	0.01	0.38	0.17	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.03	—	289	289	0.01	0.04	0.02	301
Hauling	0.20	0.06	3.61	1.37	0.02	0.05	0.74	0.79	0.04	0.20	0.24	—	2,748	2,748	0.14	0.43	0.14	2,881
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.44	7.44	< 0.005	< 0.005	0.01	7.55
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	0.01	10.7
Hauling	0.01	< 0.005	0.13	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.9	97.9	< 0.005	0.02	0.08	103
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.23	1.23	< 0.005	< 0.005	< 0.005	1.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.70	1.70	< 0.005	< 0.005	< 0.005	1.78
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.2	16.2	< 0.005	< 0.005	0.01	17.0

3.15. Architectural Coating (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	11.0	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	11.0	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	1.07	1.60	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	222	222	0.01	< 0.005	—	223
Architectural Coatings	6.08	6.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.20	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.7	36.7	< 0.005	< 0.005	—	36.9
Architectural Coatings	1.11	1.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.77	0.71	0.49	8.20	0.00	0.00	1.69	1.69	0.00	0.40	0.40	—	1,828	1,828	0.08	0.07	5.92	1,855
Vendor	0.04	0.02	0.61	0.29	< 0.005	0.01	0.13	0.13	0.01	0.04	0.04	—	481	481	0.02	0.07	1.07	502

Hauling	0.01	< 0.005	0.17	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	137	137	0.01	0.02	0.27	144
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.76	0.69	0.62	7.20	0.00	0.00	1.69	1.69	0.00	0.40	0.40	—	1,726	1,726	0.09	0.07	0.15	1,749
Vendor	0.03	0.02	0.63	0.29	< 0.005	0.01	0.13	0.13	0.01	0.04	0.04	—	481	481	0.02	0.07	0.03	502
Hauling	0.01	< 0.005	0.18	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	137	137	0.01	0.02	0.01	144
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.42	0.38	0.34	4.04	0.00	0.00	0.92	0.92	0.00	0.22	0.22	—	964	964	0.05	0.04	1.42	978
Vendor	0.02	0.01	0.35	0.16	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	266	266	0.01	0.04	0.26	278
Hauling	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	76.1	76.1	< 0.005	0.01	0.06	79.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.74	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	160	160	0.01	0.01	0.23	162
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.1	44.1	< 0.005	0.01	0.04	46.0
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.6	12.6	< 0.005	< 0.005	0.01	13.2

3.17. Architectural Coating (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402

Architectural	11.0	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.84	7.84	< 0.005	< 0.005	—	7.87
Architectural Coatings	0.21	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.30	1.30	< 0.005	< 0.005	—	1.30
Architectural Coatings	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.67	0.56	6.79	0.00	0.00	1.69	1.69	0.00	0.40	0.40	—	1,695	1,695	0.04	0.07	0.14	1,716
Vendor	0.03	0.02	0.60	0.28	< 0.005	0.01	0.13	0.13	0.01	0.04	0.04	—	469	469	0.02	0.07	0.02	490

Hauling	0.01	< 0.005	0.17	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	134	134	0.01	0.02	0.01	140
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.5	33.5	< 0.005	< 0.005	0.05	33.9
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.18	9.18	< 0.005	< 0.005	0.01	9.59
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.62	2.62	< 0.005	< 0.005	< 0.005	2.75
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.54	5.54	< 0.005	< 0.005	0.01	5.62
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.52	1.52	< 0.005	< 0.005	< 0.005	1.59
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.46

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	7.06	6.39	4.94	54.7	0.14	0.10	13.1	13.2	0.10	3.31	3.41	—	14,603	14,603	0.59	0.52	40.3	14,812
High Turnover (Sit Down Restaurant)	2.38	2.15	1.66	18.4	0.05	0.03	4.38	4.42	0.03	1.11	1.14	—	4,905	4,905	0.20	0.17	13.5	4,975

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.81	0.73	0.56	6.23	0.02	0.01	1.49	1.50	0.01	0.38	0.39	—	1,662	1,662	0.07	0.06	4.59	1,686
Strip Mall	0.10	0.09	0.07	0.79	< 0.005	< 0.005	0.19	0.19	< 0.005	0.05	0.05	—	211	211	0.01	0.01	0.58	214
Total	10.3	9.36	7.23	80.1	0.21	0.15	19.1	19.3	0.14	4.85	4.99	—	21,382	21,382	0.87	0.76	59.0	21,687
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	6.96	6.28	5.42	50.6	0.14	0.10	13.1	13.2	0.10	3.31	3.41	—	13,950	13,950	0.62	0.55	1.05	14,129
High Turnover (Sit Down Restaurant)	2.34	2.11	1.82	17.0	0.05	0.03	4.38	4.42	0.03	1.11	1.14	—	4,686	4,686	0.21	0.18	0.35	4,746
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

General Office Building	0.79	0.72	0.62	5.76	0.02	0.01	1.49	1.50	0.01	0.38	0.39	—	1,588	1,588	0.07	0.06	0.12	1,608
Strip Mall	0.10	0.09	0.08	0.73	< 0.005	< 0.005	0.19	0.19	< 0.005	0.05	0.05	—	202	202	0.01	0.01	0.02	204
Total	10.2	9.20	7.93	74.1	0.20	0.15	19.1	19.3	0.14	4.85	4.99	—	20,425	20,425	0.91	0.80	1.53	20,688
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	1.19	1.08	0.93	8.81	0.02	0.02	2.23	2.25	0.02	0.57	0.58	—	2,211	2,211	0.10	0.09	2.74	2,242
High Turnover (Sit Down Restaurant)	0.33	0.30	0.19	1.82	< 0.005	< 0.005	0.40	0.40	< 0.005	0.10	0.10	—	400	400	0.02	0.02	0.49	406
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.11	0.10	0.08	0.80	< 0.005	< 0.005	0.20	0.20	< 0.005	0.05	0.05	—	200	200	0.01	0.01	0.25	203
Strip Mall	0.02	0.02	0.01	0.12	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	30.8	30.8	< 0.005	< 0.005	0.04	31.2
Total	1.64	1.49	1.22	11.6	0.03	0.02	2.87	2.89	0.02	0.73	0.75	—	2,842	2,842	0.13	0.11	3.52	2,882

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	156	156	0.11	0.01	—	163
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	25.2	25.2	0.02	< 0.005	—	26.3
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	92.7	92.7	0.07	0.01	—	96.9
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	23.1	23.1	0.02	< 0.005	—	24.1
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	0.45	0.45	< 0.005	< 0.005	—	0.47
Total	—	—	—	—	—	—	—	—	—	—	—	—	298	298	0.22	0.03	—	311
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	156	156	0.11	0.01	—	163

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	25.2	25.2	0.02	< 0.005	—	26.3
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	92.7	92.7	0.07	0.01	—	96.9
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	23.1	23.1	0.02	< 0.005	—	24.1
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	0.45	0.45	< 0.005	< 0.005	—	0.47
Total	—	—	—	—	—	—	—	—	—	—	—	—	298	298	0.22	0.03	—	311
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	25.9	25.9	0.02	< 0.005	—	27.0
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	4.17	4.17	< 0.005	< 0.005	—	4.36
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	15.4	15.4	0.01	< 0.005	—	16.0

Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	3.83	3.83	< 0.005	< 0.005	—	4.00
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07	< 0.005	< 0.005	—	0.08
Total	—	—	—	—	—	—	—	—	—	—	—	—	49.3	49.3	0.04	< 0.005	—	51.5

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.08	0.04	0.67	0.28	< 0.005	0.05	—	0.05	0.05	—	0.05	—	846	846	0.07	< 0.005	—	849
High Turnover (Sit Down Restaurant)	0.02	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

General Office Building	0.01	0.01	0.10	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	116	116	0.01	< 0.005	—	116
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.57	0.57	< 0.005	< 0.005	—	0.57
Total	0.11	0.05	0.94	0.51	0.01	0.07	—	0.07	0.07	—	0.07	—	1,169	1,169	0.10	< 0.005	—	1,172
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.08	0.04	0.67	0.28	< 0.005	0.05	—	0.05	0.05	—	0.05	—	846	846	0.07	< 0.005	—	849
High Turnover (Sit Down Restaurant)	0.02	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.01	0.01	0.10	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	116	116	0.01	< 0.005	—	116
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.57	0.57	< 0.005	< 0.005	—	0.57
Total	0.11	0.05	0.94	0.51	0.01	0.07	—	0.07	0.07	—	0.07	—	1,169	1,169	0.10	< 0.005	—	1,172
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.01	0.01	0.12	0.05	< 0.005	0.01	—	0.01	0.01	—	0.01	—	140	140	0.01	< 0.005	—	140

High Turnover (Sit Down Restaurant)	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.1	34.1	< 0.005	< 0.005	—	34.2
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.2	19.2	< 0.005	< 0.005	—	19.2
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.09	0.09	< 0.005	< 0.005	—	0.09
Total	0.02	0.01	0.17	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	193	193	0.02	< 0.005	—	194

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.72	0.36	6.19	2.63	0.04	0.50	—	0.50	0.50	—	0.50	0.00	7,854	7,854	0.15	0.01	—	7,862
Consumer Products	7.95	7.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	0.63	0.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.66	3.42	0.28	30.8	< 0.005	0.03	—	0.03	0.02	—	0.02	—	96.0	96.0	< 0.005	< 0.005	—	96.4
Total	13.0	12.4	6.47	33.4	0.04	0.53	—	0.53	0.52	—	0.52	0.00	7,950	7,950	0.15	0.02	—	7,958
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.72	0.36	6.19	2.63	0.04	0.50	—	0.50	0.50	—	0.50	0.00	7,854	7,854	0.15	0.01	—	7,862
Consumer Products	7.95	7.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.63	0.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	9.30	8.94	6.19	2.63	0.04	0.50	—	0.50	0.50	—	0.50	0.00	7,854	7,854	0.15	0.01	—	7,862
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.03	0.01	0.25	0.11	< 0.005	0.02	—	0.02	0.02	—	0.02	0.00	292	292	0.01	< 0.005	—	292
Consumer Products	1.45	1.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.33	0.31	0.03	2.77	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.84	7.84	< 0.005	< 0.005	—	7.87
Total	1.92	1.89	0.28	2.88	< 0.005	0.02	—	0.02	0.02	—	0.02	0.00	300	300	0.01	< 0.005	—	300

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	25.1	11.1	36.2	2.58	0.06	—	119
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.33	1.46	4.79	0.34	0.01	—	15.8
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.23	0.10	0.33	0.02	< 0.005	—	1.08
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.84	1.69	5.52	0.39	0.01	—	18.2
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.06	0.03	0.08	0.01	< 0.005	—	0.28
Total	—	—	—	—	—	—	—	—	—	—	—	32.6	14.4	46.9	3.35	0.08	—	155
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartme Mid Rise	—	—	—	—	—	—	—	—	—	—	—	25.1	11.1	36.2	2.58	0.06	—	119
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.33	1.46	4.79	0.34	0.01	—	15.8
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.23	0.10	0.33	0.02	< 0.005	—	1.08
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.84	1.69	5.52	0.39	0.01	—	18.2
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.06	0.03	0.08	0.01	< 0.005	—	0.28
Total	—	—	—	—	—	—	—	—	—	—	—	32.6	14.4	46.9	3.35	0.08	—	155
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	4.16	1.83	5.99	0.43	0.01	—	19.7
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.55	0.24	0.79	0.06	< 0.005	—	2.62
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Recreational	—	—	—	—	—	—	—	—	—	—	—	0.04	0.02	0.05	< 0.005	< 0.005	—	0.18
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.64	0.28	0.91	0.07	< 0.005	—	3.02
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.01	< 0.005	0.01	< 0.005	< 0.005	—	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	5.39	2.38	7.77	0.55	0.01	—	25.6

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	149	0.00	149	14.9	0.00	—	520
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	36.7	0.00	36.7	3.67	0.00	—	128
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	6.14	0.00	6.14	0.61	0.00	—	21.5

General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.65	0.00	5.65	0.56	0.00	—	19.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.23	0.00	0.23	0.02	0.00	—	0.81
Total	—	—	—	—	—	—	—	—	—	—	—	197	0.00	197	19.7	0.00	—	691
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	149	0.00	149	14.9	0.00	—	520
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	36.7	0.00	36.7	3.67	0.00	—	128
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	6.14	0.00	6.14	0.61	0.00	—	21.5
General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.65	0.00	5.65	0.56	0.00	—	19.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.23	0.00	0.23	0.02	0.00	—	0.81
Total	—	—	—	—	—	—	—	—	—	—	—	197	0.00	197	19.7	0.00	—	691
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	24.6	0.00	24.6	2.46	0.00	—	86.1

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	6.08	0.00	6.08	0.61	0.00	—	21.3
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	1.02	0.00	1.02	0.10	0.00	—	3.56
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.94	0.00	0.94	0.09	0.00	—	3.27
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.04	0.00	0.04	< 0.005	0.00	—	0.13
Total	—	—	—	—	—	—	—	—	—	—	—	32.7	0.00	32.7	3.27	0.00	—	114

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.53	2.53

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.95	8.95
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.5	11.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.53	2.53
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.95	8.95
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.5	11.5

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.42	0.42
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.48	1.48
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.91	1.91

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	3/15/2026	3/20/2026	5.00	5.00	—
Site Preparation	Site Preparation	3/21/2026	3/27/2026	5.00	5.00	—
Grading	Grading	3/28/2026	5/1/2026	5.00	25.0	—
Building Construction	Building Construction	5/2/2026	1/7/2028	5.00	440	—
Paving	Paving	12/15/2027	12/31/2027	5.00	13.0	—
Architectural Coating	Architectural Coating	3/24/2027	1/10/2028	5.00	209	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	4.00	82.0	0.20
Building Construction	Generator Sets	Electric	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	4.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	2.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	1.00	6.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	6.00	36.0	0.38
Paving	Cement and Mortar Mixers	Electric	Average	1.00	8.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	3.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	16.0	12.0	LDA,LDT1,LDT2
Demolition	Vendor	4.00	7.63	HHDT,MHDT
Demolition	Hauling	68.0	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	10.0	12.0	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	7.63	HHDT,MHDT
Site Preparation	Hauling	8.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	32.0	12.0	LDA,LDT1,LDT2
Grading	Vendor	8.00	7.63	HHDT,MHDT
Grading	Hauling	150	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	320	12.0	LDA,LDT1,LDT2
Building Construction	Vendor	40.0	7.63	HHDT,MHDT
Building Construction	Hauling	4.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	24.0	12.0	LDA,LDT1,LDT2
Paving	Vendor	12.0	7.63	HHDT,MHDT
Paving	Hauling	40.0	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—

Architectural Coating	Worker	200	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	20.0	7.63	HHDT,MHDT
Architectural Coating	Hauling	2.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	716,611	238,870	26,109	8,703	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	1,336	—
Site Preparation	—	—	5.00	0.00	—
Grading	—	30,000	25.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
High Turnover (Sit Down Restaurant)	0.00	0%
Enclosed Parking with Elevator	0.00	0%
Recreational Swimming Pool	0.00	0%
General Office Building	0.00	0%
Strip Mall	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	61.8	45.1	0.03	< 0.005
2027	95.2	45.1	0.03	< 0.005
2028	61.8	45.1	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Apartments Mid Rise	1,595	1,439	1,199	553,293	18,481	16,682	13,894	6,412,487
High Turnover (Sit Down Restaurant)	500	537	429	180,748	2,147	6,207	4,961	1,142,062
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

General Office Building	182	41.3	13.1	50,285	2,104	477	151	581,213
Strip Mall	23.1	21.9	10.6	7,720	267	253	123	89,237

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	373
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
716611.0499999999	238,870	26,109	8,703	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Apartments Mid Rise	1,264,794	45.1	0.0330	0.0040	2,640,257
High Turnover (Sit Down Restaurant)	203,905	45.1	0.0330	0.0040	643,411
Enclosed Parking with Elevator	750,416	45.1	0.0330	0.0040	0.00
Recreational Swimming Pool	0.00	45.1	0.0330	0.0040	0.00
General Office Building	187,054	45.1	0.0330	0.0040	360,964
Strip Mall	3,614	45.1	0.0330	0.0040	1,774

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	13,104,637	87,362
High Turnover (Sit Down Restaurant)	1,737,427	0.00
Enclosed Parking with Elevator	0.00	0.00
Recreational Swimming Pool	118,286	0.00
General Office Building	2,003,415	0.00
Strip Mall	30,370	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	276	—
High Turnover (Sit Down Restaurant)	68.1	—
Enclosed Parking with Elevator	0.00	—
Recreational Swimming Pool	11.4	—
General Office Building	10.5	—
Strip Mall	0.43	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Recreational Swimming Pool	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Recreational Swimming Pool	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.71	annual days of extreme heat
Extreme Precipitation	2.95	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	21.9	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2

Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	29.9
AQ-PM	49.8
AQ-DPM	72.1
Drinking Water	70.4
Lead Risk Housing	12.1
Pesticides	0.00
Toxic Releases	15.0
Traffic	—
Effect Indicators	—
CleanUp Sites	86.2
Groundwater	89.6

Haz Waste Facilities/Generators	35.6
Impaired Water Bodies	91.9
Solid Waste	0.00
Sensitive Population	—
Asthma	29.8
Cardio-vascular	46.8
Low Birth Weights	12.1
Socioeconomic Factor Indicators	—
Education	4.67
Housing	43.9
Linguistic	2.81
Poverty	26.7
Unemployment	8.69

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	58.42422687
Employed	30.82253304
Median HI	39.72796099
Education	—
Bachelor's or higher	69.88322854
High school enrollment	100
Preschool enrollment	5.774412935
Transportation	—
Auto Access	35.49339151
Active commuting	67.45797511

Social	—
2-parent households	85.70511998
Voting	64.7760811
Neighborhood	—
Alcohol availability	19.96663673
Park access	52.67547799
Retail density	41.88374182
Supermarket access	38.88104709
Tree canopy	12.04927499
Housing	—
Homeownership	9.380213012
Housing habitability	36.55844989
Low-inc homeowner severe housing cost burden	26.6521237
Low-inc renter severe housing cost burden	71.07660721
Uncrowded housing	60.05389452
Health Outcomes	—
Insured adults	36.09649686
Arthritis	23.1
Asthma ER Admissions	43.4
High Blood Pressure	43.5
Cancer (excluding skin)	16.1
Asthma	61.7
Coronary Heart Disease	31.2
Chronic Obstructive Pulmonary Disease	40.0
Diagnosed Diabetes	70.5
Life Expectancy at Birth	21.0
Cognitively Disabled	54.2
Physically Disabled	50.9

Heart Attack ER Admissions	43.9
Mental Health Not Good	64.8
Chronic Kidney Disease	45.1
Obesity	60.5
Pedestrian Injuries	66.5
Physical Health Not Good	68.2
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	5.2
Current Smoker	60.5
No Leisure Time for Physical Activity	77.8
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	37.9
Children	36.4
Elderly	53.1
English Speaking	70.3
Foreign-born	9.1
Outdoor Workers	98.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	8.4
Traffic Density	0.0
Traffic Access	55.5
Other Indices	—
Hardship	16.7
Other Decision Support	—
2016 Voting	69.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	47.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Land uses based on project description and traffic report. Landscaping based on 5.3% of site area. "High Turnover Restaurant" represents the proposed cafe and restaurant uses, "Strip Mall" represents the retail shop, and "General Office Building" represents the co-work/live-work commercial uses, based on the traffic report.
Construction: Trips and VMT	Adjusted default construction trips based on project-specific input from applicant.
Construction: Paving	Parking assumed to be concrete.
Construction: Construction Phases	Adjusted construction phases and duration based on project-specific input from applicant.
Construction: Off-Road Equipment	Adjusted default equipment list based on project-specific input from applicant. PDF = Tier 4F equipment for engines > 25 hp and electric equipment for engines <25 hp

Operations: Vehicle Data	Trip rates adjusted to match the project-specific trip generation, which accounts for reductions from Mixed Use Development
Operations: Hearths	PDF: electric or natural gas fireplaces only
Operations: Energy Use	—

Appendix B

Health Risk Assessment Output Files

Table of Contents

Construction HRA Summary 2
1 HRA-Const 2
Railroad HRA Summary 3
1 HRA-Ops 3
Oceanside Blocks 5 and 20 Project - Construction HRA Detailed Report 4
HARP2 Oceanside Blocks 5 and 20 - Construction HRA Cancer Risk 41
1 HARP2 Oceanside Blocks 5 and 20 41
HARP2 Oceanside Blocks 5 and 20 - Construction HRA Chronic Risk 66
1 HARP2 Oceanside Blocks 5 and 20 66
HARP2 Oceanside Blocks 5 and 20 - Rail HRA 90
1 HARP2 Oceanside Blocks 5 and 20 - Rail HRA Cancer Risk 90
1.1 HARP2 Oceanside Blocks 5 and 20 90
2 HARP2 Oceanside Blocks 5 and 20 - Rail HRA Chronic Risk 92
2.1 HARP2 Oceanside Blocks 5 and 20 92
AERMOD Construction 94
AERMOD Rail Operations 581

Oceanside Blocks 5 & 20 Mixed Use Project

Construction HRA

Project Construction Emissions

	With PDF-AQ-3
	DPM
Year	tons/year
2026	0.003795747
2027	0.005067447
2028	0.000106609
Total	**0.009**
Total Lbs	**17.940**
Lbs/year	**9.817**
Lbs/hour	**0.003**

*PDF-AQ-3 = Tier 4f equipment with engines > 25 hp; electric equipment under 25 hp

Risk	With PDF-AQ-3
Cancer - MEIR	7.43
Chronic - MEIR	0.0047

Conversions:

1 ton =	2,000	lb		
Construction =	8	hours/day	Project Construction:	667 active days
	2920	hours/year		1.83 years
	365	days/year		
	12	months		

AERMOD Assumptions

Source Name	Description	No. of Vol. Sources	Emission Rate g/s	Release Height m	Plume Height m	Plume Width m
SLINE1	Offroad Equipment and Truck Exhaust- Block 5	56	0.47	5.00	10.00	10.00
SLINE2	Offroad Equipment and Truck Exhaust- Block 20	63	0.53	5.00	10.00	10.00

Receptors - Off-Site Nested Grid

Distance from Bounding Box (m)	Spacing (m)
0	20
200	50
500	100
1000	200
2000	500

Meteorological Data

Station Name		Years	Elev (m)
CMP	Camp Pendleton	2019-2021	16

SDAPCD Recommended Station

Other Model Assumption

Rural or Urban	Rural
Urban Grp Pop	N/A
Variable Emissions	Yes
Terrain Data	NED 1
Lakes Version	12.0.0
AERMOD Version	23132

Oceanside Blocks 5 & 20 Mixed Use Project
Operational HRA - Railroads

Diesel Locomotive Travel:

AERMOD Source Name	Description	Release Height (m)	Plume Height (m)	Plume Width (m)	Initial Lateral Dimension (m)	Initial Vertical Dimension (m)	Length of Source (m)	Distance (mi)	Average Daily Trains (trains/day)	Annual Trains (trains/year)	Train Horsepower	Average Speed (miles/hour)	PM10 Emission Factor (g/bhp-hr)	Running PM10 Exhaust (g/hour)	DPM (lb/yr)	DPM (lb/hr)
COASTRVL	Coaster Rail Travel	4.76	9.52	11	5.12	4.43	2,129.40	1.32	27.43	10,011	840	40	0.015	12.6	1.9961	0.000228
SPRNTRVL	Sprinter Rail Travel	4.76	9.52	11	5.12	4.43	2,816.70	1.75	64.71	23,621	840	40	0.015	12.6	6.2300	0.000711
OCTRVL	Metrolink Orange County Line Travel	4.76	9.52	11	5.12	4.43	2,129.40	1.32	9.43	3,441	4,700	40	0.015	70.5	3.8389	0.000438
INLDTRVL	Metrolink Inland Empire Line Travel	4.76	9.52	11	5.12	4.43	2,816.70	1.75	4.00	1,460	4,700	40	0.015	70.5	2.1546	0.000246
AMTKTRVL	Amtrak Travel	4.76	9.52	11	5.12	4.43	4,663.70	2.90	20.00	7,300	4,200	40	0.015	63.0	15.9394	0.001820
BNSFTRVL	BNSF Travel	4.76	9.52	11	5.12	4.43	4,663.70	2.90	--	--	--	--	--	--	0.0335	0.000004

Notes: Release parameters based on Air Dispersion Modeling Assessment of Air Toxic Emissions from BNSF San Diego Rail Yard (ENVIRON 2008) and BAAQMD 2022 CEQA Guidance, Appendix E: Recommended Methods for Screening and Modeling Local Risks and Hazards (2023)
Emission factors based on EPA standards for Tier 4 engines (for Coaster, Sprinter, Metrolink, and Amtrak) (CARB 2021) and BAAQMD 2022 Guidance for Amtrak
Emission rates (in pounds per mile-year) for BNSF trains were based on CARB's 2021 Line-Haul Emission Inventory (CARB 2021) for San Diego County and the miles of BNSF rail in the County per GIS data
Speed of Sprinter and Coaster trains based on departure schedule between Oceanside Transit and next nearest station (Coast Highway for Sprinter and Carlsbad for Coaster)
To represent indoor DPM exposure, emissions adjusted to account for time indoors (87%) and reduction from MERV 13 (90%)

Diesel Locomotive Idling:

AERMOD Source Name	Description	Release Height (m)	Gas Exit Temperature (K)	Gas Exit Velocity (m/s)	Exit Diameter (m)	Average Daily Trains (trains/day)	Annual Trains (trains/year)	Idling Minutes per Train	Idling Minutes per Year (min/year)	Train Horsepower	Idling PM10 (g/hour)	DPM (lb/yr)	DPM (lb/hr)
COASIDLE	Coaster Train Idling at Transit Center	4.76	385.45	4.83	0.56	27.43	10,011	5.00	50,055	840	3.8	1.5086	0.000172
SPRNIDLE	Sprinter Train Idling at Transit Center	4.76	385.45	4.83	0.56	64.71	23,621	5.00	118,105	840	3.8	3.5596	0.000406
OCIDLE	Metrolink Orange County Line Idle	4.76	385.45	4.83	0.56	9.43	3,441	5.00	17,205	4,700	21.2	2.9014	0.000331
INLDIDLE	Metrolink Inland Empire Line Idle	4.76	385.45	4.83	0.56	4.00	1,460	5.00	7,300	4,700	21.2	1.2310	0.000141
AMTKIDLE	Amtrak Train Idling at Transit Center	4.76	385.45	4.83	0.56	20.00	7,300	5.00	36,500	4,200	18.9	5.5003	0.000628

Notes: Release parameters based on Air Dispersion Modeling Assessment of Air Toxic Emissions from BNSF San Diego Rail Yard (ENVIRON 2008). Emission factors based on EPA standards for Tier 4 engines (for Coaster and Sprinter) and BAAQMD 2022 CEQA Guidance (2023) for Amtrak
5 minutes of idling assumed for each train at transit stop
Based on ratio of idling vs running emission factors provided by BAAQMD for commuter rail, idling assumed to equate to 30% running rates for commuter rail
To represent indoor DPM exposure, emissions adjusted to account for time indoors (87%) and reduction from MERV 13 (90%)

Risk	Unmitigated
Cancer - MEIR	6.12
Chronic - MEIR	0.0016

Conversions:

1 lb =	453.6	g
1 m =	3.28	feet
1 mile =	1609.344	m
1 yr =	8,760	hours

Receptors - On-Site

Location	Spacing (m)
On-Site Cartesian Grid	10
Placed at 0 m, 10m, and 20m flagpole heights	

Meteorological Data

Station Name		Years	Elev (m)
CMP	Camp Pendleton	2019-2021	16

SDAPCD Recommended Station

Other Model Assumption

Rural or Urban	Rural
Urban Grp Pop	N/A
Variable Emissions	No
Terrain Data	NED 1
Lakes Version	12.0.0
AERMOD Version	23132

Oceanside Blocks 5 and 20 Project - Construction HRA Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

3.3. Site Preparation (2026) - Unmitigated

3.5. Grading (2026) - Unmitigated

3.7. Building Construction (2026) - Unmitigated

3.9. Building Construction (2027) - Unmitigated

3.11. Building Construction (2028) - Unmitigated

3.13. Paving (2027) - Unmitigated

3.15. Architectural Coating (2027) - Unmitigated

3.17. Architectural Coating (2028) - Unmitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Oceanside Blocks 5 and 20 Project - Construction HRA
Construction Start Date	3/15/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.90
Precipitation (days)	20.6
Location	300 N Myers St, Oceanside, CA 92054, USA
County	San Diego
City	Oceanside
Air District	San Diego County APCD
Air Basin	San Diego
TAZ	6200
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	San Diego Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Apartments Mid Rise	373	Dwelling Unit	2.07	353,882	4,783	—	1,041	—

High Turnover (Sit Down Restaurant)	5.72	1000sqft	0.00	5,724	0.00	—	—	—
Enclosed Parking with Elevator	560	Space	0.00	203,286	0.00	—	—	—
Recreational Swimming Pool	2.00	1000sqft	0.00	2,000	0.00	—	—	—
General Office Building	11.3	1000sqft	0.00	11,272	0.00	—	—	—
Strip Mall	0.41	1000sqft	0.00	410	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.9	12.8	5.63	20.7	0.03	0.06	2.82	2.88	0.06	1.35	1.41	—	3,512	3,512	0.20	0.09	0.29	3,545
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.1	13.0	7.91	26.1	0.03	0.06	5.68	5.73	0.06	1.35	1.41	—	3,516	3,516	0.28	0.11	0.01	3,549
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.31	7.26	3.76	12.2	0.02	0.03	0.31	0.33	0.03	0.12	0.14	—	1,620	1,620	0.13	0.05	0.03	1,638
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.33	1.33	0.69	2.23	< 0.005	0.01	0.06	0.06	0.01	0.02	0.03	—	268	268	0.02	0.01	0.01	271

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.23	1.20	3.98	20.7	0.03	0.06	2.82	2.88	0.06	1.35	1.41	—	3,512	3,512	0.20	0.09	0.29	3,545
2027	12.9	12.8	5.63	17.0	0.02	0.04	0.01	0.05	0.04	< 0.005	0.04	—	2,315	2,315	0.18	0.07	0.12	2,341
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.22	1.18	4.10	20.9	0.03	0.06	5.68	5.73	0.06	1.35	1.41	—	3,516	3,516	0.20	0.09	0.01	3,549
2027	13.1	13.0	7.91	26.1	0.03	0.06	0.03	0.09	0.06	0.01	0.07	—	3,484	3,484	0.28	0.11	0.01	3,524
2028	12.8	12.7	5.68	17.9	0.02	0.04	0.01	0.05	0.04	< 0.005	0.04	—	2,315	2,315	0.19	0.07	< 0.005	2,341
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.63	0.60	1.96	8.11	0.01	0.02	0.31	0.33	0.02	0.12	0.14	—	1,189	1,189	0.09	0.03	0.03	1,201
2027	7.31	7.26	3.76	12.2	0.02	0.03	0.01	0.04	0.03	< 0.005	0.03	—	1,620	1,620	0.13	0.05	0.03	1,638
2028	0.24	0.24	0.09	0.27	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34.5	34.5	< 0.005	< 0.005	< 0.005	34.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.11	0.11	0.36	1.48	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.03	—	197	197	0.01	0.01	< 0.005	199
2027	1.33	1.33	0.69	2.23	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	268	268	0.02	0.01	0.01	271
2028	0.04	0.04	0.02	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.71	5.71	< 0.005	< 0.005	< 0.005	5.78

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.25	2.27	14.6	0.02	0.05	—	0.05	0.05	—	0.05	—	2,494	2,494	0.10	0.02	—	2,503
Demolition	—	—	—	—	—	—	5.67	5.67	—	0.86	0.86	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.2	34.2	< 0.005	< 0.005	—	34.3
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.66	5.66	< 0.005	< 0.005	—	5.68
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	2.83	2.83	< 0.005	< 0.005	0.00	3.33
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.45	7.45	< 0.005	< 0.005	< 0.005	7.82
Hauling	0.08	0.04	1.12	0.76	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	176	176	0.03	0.03	< 0.005	185
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.04	0.04	< 0.005	< 0.005	0.00	0.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.11
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.39	2.39	< 0.005	< 0.005	< 0.005	2.52
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.01	0.01	< 0.005	< 0.005	0.00	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.02	0.02	< 0.005	< 0.005	< 0.005	0.02
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.42

3.3. Site Preparation (2026) - Unmitigated

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

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

Off-Road Equipment	0.21	0.21	1.09	12.7	0.02	0.04	—	0.04	0.04	—	0.04	—	2,237	2,237	0.09	0.02	—	2,245
Dust From Material Movement	—	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	30.6	30.6	< 0.005	< 0.005	—	30.8
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.07	5.07	< 0.005	< 0.005	—	5.09
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	1.77	1.77	< 0.005	< 0.005	0.00	2.08
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.45	7.45	< 0.005	< 0.005	< 0.005	7.82
Hauling	0.01	< 0.005	0.13	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	20.7	20.7	< 0.005	< 0.005	< 0.005	21.8
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.02	0.02	< 0.005	< 0.005	0.00	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.11
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	< 0.005	< 0.005	< 0.005	< 0.005	0.00	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.02	0.02	< 0.005	< 0.005	< 0.005	0.02
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05

3.5. Grading (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	1.52	18.8	0.03	0.06	—	0.06	0.06	—	0.06	—	3,108	3,108	0.13	0.03	—	3,119
Dust From Material Movement	—	—	—	—	—	—	2.78	2.78	—	1.34	1.34	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	1.52	18.8	0.03	0.06	—	0.06	0.06	—	0.06	—	3,108	3,108	0.13	0.03	—	3,119
Dust From Material Movement	—	—	—	—	—	—	2.78	2.78	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.10	1.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	213	213	0.01	< 0.005	—	214
Dust From Material Movement	—	—	—	—	—	—	0.19	0.19	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.2	35.2	< 0.005	< 0.005	—	35.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	5.52	5.52	0.01	< 0.005	0.00	6.29
Vendor	0.01	< 0.005	0.09	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.8	14.8	< 0.005	< 0.005	0.02	15.5
Hauling	0.18	0.10	2.35	1.63	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	383	383	0.07	0.06	0.28	404
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	5.65	5.65	0.01	< 0.005	0.00	6.65
Vendor	0.01	< 0.005	0.09	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.9	14.9	< 0.005	< 0.005	< 0.005	15.6
Hauling	0.17	0.09	2.47	1.68	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	387	387	0.07	0.06	0.01	408
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.38	0.38	< 0.005	< 0.005	0.00	0.45
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.02	1.02	< 0.005	< 0.005	< 0.005	1.07
Hauling	0.01	0.01	0.16	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	26.4	26.4	< 0.005	< 0.005	0.01	27.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.06	0.06	< 0.005	< 0.005	0.00	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.36	4.36	< 0.005	< 0.005	< 0.005	4.60

3.7. Building Construction (2026) - Unmitigated

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

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

Off-Road	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	1.26	4.76	0.01	0.02	—	0.02	0.02	—	0.02	—	813	813	0.03	0.01	—	816
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.23	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	135	135	0.01	< 0.005	—	135
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.01	0.99	0.21	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	55.2	55.2	0.06	0.02	0.00	62.9
Vendor	0.03	0.02	0.43	0.30	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	73.9	73.9	0.01	0.01	0.08	77.7
Hauling	< 0.005	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	0.01	10.8

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.00	0.97	0.24	3.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	56.5	56.5	0.06	0.03	0.00	66.5
Vendor	0.03	0.02	0.45	0.32	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	74.5	74.5	0.01	0.01	< 0.005	78.2
Hauling	< 0.005	< 0.005	0.07	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	< 0.005	10.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.46	0.11	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	26.8	26.8	0.03	0.01	0.00	31.6
Vendor	0.02	0.01	0.21	0.15	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	35.4	35.4	0.01	0.01	0.02	37.2
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.90	4.90	< 0.005	< 0.005	< 0.005	5.17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.02	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	4.44	4.44	0.01	< 0.005	0.00	5.23
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.86	5.86	< 0.005	< 0.005	< 0.005	6.16
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.86

3.9. Building Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,708
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,708
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.13	0.13	1.89	7.11	0.01	0.02	—	0.02	0.02	—	0.02	—	1,216	1,216	0.05	0.01	—	1,220
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.02	0.02	0.34	1.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	201	201	0.01	< 0.005	—	202
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.98	0.96	0.20	2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	54.1	54.1	0.05	0.02	0.00	61.6
Vendor	0.03	0.02	0.43	0.30	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	72.6	72.6	0.01	0.01	0.07	76.3
Hauling	< 0.005	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.0	10.0	< 0.005	< 0.005	0.01	10.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.96	0.93	0.23	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	55.4	55.4	0.06	0.03	0.00	65.4
Vendor	0.03	0.02	0.44	0.32	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	73.3	73.3	0.01	0.01	< 0.005	76.9
Hauling	< 0.005	< 0.005	0.07	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.1	10.1	< 0.005	< 0.005	< 0.005	10.7
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.68	0.66	0.16	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	39.3	39.3	0.04	0.02	0.00	44.8
Vendor	0.02	0.01	0.31	0.22	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.1	52.1	0.01	0.01	0.02	54.7
Hauling	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.20	7.20	< 0.005	< 0.005	< 0.005	7.57
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.12	0.03	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	6.50	6.50	0.01	< 0.005	0.00	7.42
Vendor	< 0.005	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.62	8.62	< 0.005	< 0.005	< 0.005	9.06
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.19	1.19	< 0.005	< 0.005	< 0.005	1.25

3.11. Building Construction (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.64	9.96	0.02	0.03	—	0.03	0.03	—	0.03	—	1,703	1,703	0.07	0.01	—	1,709
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.3	23.3	< 0.005	< 0.005	—	23.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.86	3.86	< 0.005	< 0.005	—	3.88
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.94	0.91	0.22	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	54.3	54.3	0.06	0.02	0.00	62.0
Vendor	0.03	0.02	0.43	0.31	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	72.0	72.0	0.01	0.01	< 0.005	75.5
Hauling	< 0.005	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.96	9.96	< 0.005	< 0.005	< 0.005	10.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.74	0.74	< 0.005	< 0.005	0.00	0.84
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.03
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.14	0.14	< 0.005	< 0.005	< 0.005	0.14
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.12	0.12	< 0.005	< 0.005	0.00	0.14
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.02	0.02	< 0.005	< 0.005	< 0.005	0.02

3.13. Paving (2027) - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.11	1.40	7.27	0.01	0.02	—	0.02	0.02	—	0.02	—	1,038	1,038	0.04	0.01	—	1,041
Paving	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.0	37.0	< 0.005	< 0.005	—	37.1
Paving	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.12	6.12	< 0.005	< 0.005	—	6.14
Paving	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.02	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	4.15	4.15	< 0.005	< 0.005	0.00	4.90

Vendor	0.01	0.01	0.13	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	22.0	22.0	< 0.005	< 0.005	< 0.005	23.1
Hauling	0.04	0.02	0.65	0.45	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	101	101	0.02	0.02	< 0.005	107
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.15	0.15	< 0.005	< 0.005	0.00	0.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.78	0.78	< 0.005	< 0.005	< 0.005	0.82
Hauling	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.59	3.59	< 0.005	< 0.005	< 0.005	3.78
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.02	0.02	< 0.005	< 0.005	0.00	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.63

3.15. Architectural Coating (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	11.0	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	11.0	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	1.07	1.60	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	222	222	0.01	< 0.005	—	223
Architectural Coatings	6.08	6.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.20	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.7	36.7	< 0.005	< 0.005	—	36.9
Architectural Coatings	1.11	1.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.61	0.60	0.12	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	33.8	33.8	0.03	0.01	0.00	38.5
Vendor	0.02	0.01	0.21	0.15	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	36.3	36.3	0.01	0.01	0.04	38.2

Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.02	5.02	< 0.005	< 0.005	< 0.005	5.28
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.60	0.58	0.14	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	34.6	34.6	0.04	0.02	0.00	40.9
Vendor	0.01	0.01	0.22	0.16	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	36.6	36.6	0.01	0.01	< 0.005	38.5
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.07	5.07	< 0.005	< 0.005	< 0.005	5.35
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.32	0.08	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	19.0	19.0	0.02	0.01	0.00	21.7
Vendor	0.01	0.01	0.12	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	20.2	20.2	< 0.005	< 0.005	0.01	21.2
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	2.94
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.01	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	3.15	3.15	< 0.005	< 0.005	0.00	3.59
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.34	3.34	< 0.005	< 0.005	< 0.005	3.51
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.49

3.17. Architectural Coating (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402

Architectural	11.0	11.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.84	7.84	< 0.005	< 0.005	—	7.87
Architectural Coatings	0.21	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.30	1.30	< 0.005	< 0.005	—	1.30
Architectural Coatings	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.57	0.14	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	33.9	33.9	0.04	0.01	0.00	38.7
Vendor	0.01	0.01	0.22	0.16	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	36.0	36.0	< 0.005	0.01	< 0.005	37.8

Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.98	4.98	< 0.005	< 0.005	< 0.005	5.24
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.66	0.66	< 0.005	< 0.005	0.00	0.75
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.70	0.70	< 0.005	< 0.005	< 0.005	0.74
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.11	0.11	< 0.005	< 0.005	0.00	0.12
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.12
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.02	0.02	< 0.005	< 0.005	< 0.005	0.02

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	3/15/2026	3/20/2026	5.00	5.00	—
Site Preparation	Site Preparation	3/21/2026	3/27/2026	5.00	5.00	—
Grading	Grading	3/28/2026	5/1/2026	5.00	25.0	—

Building Construction	Building Construction	5/2/2026	1/7/2028	5.00	440	—
Paving	Paving	12/15/2027	12/31/2027	5.00	13.0	—
Architectural Coating	Architectural Coating	3/24/2027	1/10/2028	5.00	209	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	4.00	82.0	0.20
Building Construction	Generator Sets	Electric	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	4.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	2.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	1.00	6.00	81.0	0.42

Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	6.00	36.0	0.38
Paving	Cement and Mortar Mixers	Electric	Average	1.00	8.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	3.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	16.0	0.00	LDA,LDT1,LDT2
Demolition	Vendor	4.00	0.25	HHDT,MHDT
Demolition	Hauling	68.0	0.25	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	10.0	0.00	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	8.00	0.25	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	32.0	0.00	LDA,LDT1,LDT2
Grading	Vendor	8.00	0.25	HHDT,MHDT
Grading	Hauling	150	0.25	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	320	0.00	LDA,LDT1,LDT2
Building Construction	Vendor	40.0	0.25	HHDT,MHDT
Building Construction	Hauling	4.00	0.25	HHDT

Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	24.0	0.00	LDA,LDT1,LDT2
Paving	Vendor	12.0	0.25	HHDT,MHDT
Paving	Hauling	40.0	0.25	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	200	0.00	LDA,LDT1,LDT2
Architectural Coating	Vendor	20.0	0.25	HHDT,MHDT
Architectural Coating	Hauling	2.00	0.25	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	716,611	238,870	26,109	8,703	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	1,336	—
Site Preparation	—	—	5.00	0.00	—

Grading	—	30,000	25.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
High Turnover (Sit Down Restaurant)	0.00	0%
Enclosed Parking with Elevator	0.00	0%
Recreational Swimming Pool	0.00	0%
General Office Building	0.00	0%
Strip Mall	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	61.8	45.1	0.03	< 0.005
2027	95.2	45.1	0.03	< 0.005
2028	61.8	45.1	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.71	annual days of extreme heat
Extreme Precipitation	2.95	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	21.9	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	29.9
AQ-PM	49.8
AQ-DPM	72.1
Drinking Water	70.4
Lead Risk Housing	12.1
Pesticides	0.00
Toxic Releases	15.0
Traffic	—
Effect Indicators	—
CleanUp Sites	86.2
Groundwater	89.6
Haz Waste Facilities/Generators	35.6
Impaired Water Bodies	91.9
Solid Waste	0.00
Sensitive Population	—
Asthma	29.8

Cardio-vascular	46.8
Low Birth Weights	12.1
Socioeconomic Factor Indicators	—
Education	4.67
Housing	43.9
Linguistic	2.81
Poverty	26.7
Unemployment	8.69

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	58.42422687
Employed	30.82253304
Median HI	39.72796099
Education	—
Bachelor's or higher	69.88322854
High school enrollment	100
Preschool enrollment	5.774412935
Transportation	—
Auto Access	35.49339151
Active commuting	67.45797511
Social	—
2-parent households	85.70511998
Voting	64.7760811
Neighborhood	—
Alcohol availability	19.96663673

Park access	52.67547799
Retail density	41.88374182
Supermarket access	38.88104709
Tree canopy	12.04927499
Housing	—
Homeownership	9.380213012
Housing habitability	36.55844989
Low-inc homeowner severe housing cost burden	26.6521237
Low-inc renter severe housing cost burden	71.07660721
Uncrowded housing	60.05389452
Health Outcomes	—
Insured adults	36.09649686
Arthritis	23.1
Asthma ER Admissions	43.4
High Blood Pressure	43.5
Cancer (excluding skin)	16.1
Asthma	61.7
Coronary Heart Disease	31.2
Chronic Obstructive Pulmonary Disease	40.0
Diagnosed Diabetes	70.5
Life Expectancy at Birth	21.0
Cognitively Disabled	54.2
Physically Disabled	50.9
Heart Attack ER Admissions	43.9
Mental Health Not Good	64.8
Chronic Kidney Disease	45.1
Obesity	60.5
Pedestrian Injuries	66.5

Physical Health Not Good	68.2
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	5.2
Current Smoker	60.5
No Leisure Time for Physical Activity	77.8
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	37.9
Children	36.4
Elderly	53.1
English Speaking	70.3
Foreign-born	9.1
Outdoor Workers	98.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	8.4
Traffic Density	0.0
Traffic Access	55.5
Other Indices	—
Hardship	16.7
Other Decision Support	—
2016 Voting	69.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	21.0
Healthy Places Index Score for Project Location (b)	47.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No

Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Land uses based on project description and traffic report. Landscaping based on 5.3% of site area. "High Turnover Restaurant" represents the proposed cafe and restaurant uses, "Strip Mall" represents the retail shop, and "General Office Building" represents the co-work/live-work commercial uses, based on the traffic report.
Construction: Trips and VMT	Adjusted default construction trips based on project-specific input from applicant. Reduced vehicle trip lengths to 0.25-miles to account for localized travel emissions only for HRA
Construction: Paving	Parking assumed to be concrete.
Construction: Construction Phases	Adjusted construction phases and duration based on project-specific input from applicant.
Construction: Off-Road Equipment	Adjusted default equipment list based on project-specific input from applicant. PDF = Tier 4F equipment for engines > 25 hp and electric equipment for engines <25 hp
Operations: Vehicle Data	Trip rates adjusted to match the project-specific trip generation, which accounts for reductions from Mixed Use Development
Operations: Hearths	PDF: electric or natural gas fireplaces only
Operations: Energy Use	—

Oceanside Blocks 5 and 20 Mixed Use Project - Construction HRA - Cancer Risk

*HARP - HRACalc v22118 12/12/2024 10:39:17 AM - Cancer Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISI	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_	EGG_RISK
22	ALL		464405.1	3672972	7.43E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		464385.1	3672992	7.31E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		464345.1	3673052	6.86E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		464405.1	3672992	5.92E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL		464425.1	3672952	5.76E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL		464419.7	3672940	5.69E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		464345.1	3673072	5.57E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL		464425.1	3672972	5.57E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		464365.1	3673032	5.33E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		464365.1	3673052	5.30E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		464385.1	3673012	4.98E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL		464425.1	3672992	4.68E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		464325.1	3673092	4.56E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		464365.1	3673072	4.44E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		464405.1	3673012	4.38E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		464385.1	3673032	4.34E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL		464425.1	3672932	4.25E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL		464445.1	3672972	4.16E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		464385.1	3673052	4.12E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL		464445.1	3672952	4.06E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		464345.1	3673092	3.92E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL		464425.1	3673012	3.69E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL		464445.1	3672992	3.67E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		464405.1	3673032	3.60E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		464385.1	3673072	3.57E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		464365.1	3673092	3.31E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		464405.1	3673052	3.28E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL		464465.1	3672972	3.10E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL		464445.1	3672932	3.05E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL		464445.1	3673012	3.04E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL		464425.1	3673032	3.00E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL		464465.1	3672952	2.90E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL		464465.1	3672992	2.88E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		464405.1	3673072	2.87E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		464325.1	3672932	2.86E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		464385.1	3673092	2.79E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		464385.1	3672912	2.66E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL		464425.1	3673052	2.63E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL		464445.1	3673032	2.51E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		464405.1	3672912	2.51E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		464305.1	3672952	2.50E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL		464325.1	3673112	2.50E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL		464465.1	3673012	2.49E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		464265.1	3673012	2.48E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		464305.1	3672972	2.46E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		464345.1	3672912	2.44E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL		464345.1	3673112	2.43E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		464245.1	3673052	2.43E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL		464485.1	3672972	2.34E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		464405.1	3673092	2.33E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL		464305.1	3673112	2.33E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

376	ALL	464425.1	3673072	2.32E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL	464245.1	3673032	2.27E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	464485.1	3672992	2.27E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	464465.1	3672932	2.25E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	464365.1	3673112	2.24E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	464425.1	3672912	2.23E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL	464305.1	3672932	2.18E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	464445.1	3673052	2.17E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	464485.1	3672952	2.13E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	464465.1	3673032	2.10E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL	464325.1	3672912	2.10E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	464285.1	3672992	2.04E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	464485.1	3673012	2.03E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	464385.1	3673112	2.01E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	464425.1	3673092	1.94E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL	464245.1	3673012	1.94E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	464445.1	3673072	1.90E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	464445.1	3672912	1.87E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL	464265.1	3672992	1.84E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	464465.1	3673052	1.81E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	464505.1	3672972	1.79E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	464505.1	3672992	1.78E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	464405.1	3673112	1.76E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	464485.1	3673032	1.76E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	464285.1	3672952	1.76E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL	464305.1	3672912	1.74E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL	464285.1	3672972	1.73E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL	464292	3673119	1.71E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	464485.1	3672932	1.70E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	464505.1	3673012	1.65E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL	464285.1	3672932	1.65E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	464445.1	3673092	1.62E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	464505.1	3672952	1.61E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	464465.1	3673072	1.59E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	464225.1	3673032	1.59E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL	464245.1	3672992	1.56E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	464425.1	3673112	1.53E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	464485.1	3673052	1.53E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	464465.1	3672912	1.52E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	464345.1	3673132	1.50E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	464225.1	3673012	1.48E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	464325.1	3673132	1.48E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	464505.1	3673032	1.47E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	464365.1	3673132	1.47E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL	464356.2	3672897	1.46E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	464225.1	3673052	1.45E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL	464265.1	3672972	1.44E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL	464285.1	3672912	1.42E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	464525.1	3672992	1.42E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	464385.1	3673132	1.38E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	464305.1	3673132	1.38E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	464525.1	3672972	1.38E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	464465.1	3673092	1.37E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	464325.1	3672892	1.37E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	464525.1	3673012	1.35E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

379	ALL	464485.1	3673072	1.34E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL	464265.1	3672952	1.33E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	464445.1	3673112	1.32E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	464345.1	3672892	1.32E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	464505.1	3672932	1.32E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	464265.1	3673112	1.30E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	464505.1	3673052	1.30E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	464305.1	3672892	1.28E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	464225.1	3672992	1.28E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL	464265.1	3672932	1.28E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	464405.1	3673132	1.27E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL	464245.1	3672972	1.24E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	464525.1	3673032	1.24E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	464525.1	3672952	1.23E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	464485.1	3672912	1.23E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL	464245.1	3673092	1.19E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	464485.1	3673092	1.17E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	464285.1	3673132	1.17E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL	464265.1	3672912	1.16E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	464465.1	3673112	1.15E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	464425.1	3673132	1.15E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	464425.1	3672892	1.15E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	464505.1	3673072	1.14E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	464545.1	3672992	1.14E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	464285.1	3672892	1.13E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	464365.1	3672892	1.13E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	464405.1	3672892	1.13E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	464545.1	3673012	1.12E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	464205.1	3673012	1.11E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	464525.1	3673052	1.11E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	464445.1	3672892	1.09E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL	464245.1	3672952	1.09E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	464205.1	3673032	1.09E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	464545.1	3672972	1.08E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL	464232.2	3673080	1.07E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	464385.1	3672892	1.07E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	464225.1	3673072	1.06E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	464225.1	3672972	1.06E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	464545.1	3673032	1.05E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	464445.1	3673132	1.04E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	464525.1	3672932	1.03E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL	464245.1	3672932	1.02E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	464205.1	3672992	1.02E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	464505.1	3673092	1.01E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	464345.1	3673152	1.00E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	464485.1	3673112	1.00E-06	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	464505.1	3672912	9.99E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	464365.1	3673152	9.93E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	464525.1	3673072	9.88E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	464265.1	3672892	9.80E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	464325.1	3673152	9.79E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	464465.1	3672892	9.73E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	464385.1	3673152	9.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	464545.1	3672952	9.57E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	464545.1	3673052	9.53E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

313	ALL	464565.1	3672992	9.42E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	464565.1	3673012	9.35E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	464465.1	3673132	9.31E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	464245.1	3672912	9.22E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	464205.1	3673052	9.14E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	464305.1	3673152	9.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	464405.1	3673152	9.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	464225.1	3672952	9.05E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	464565.1	3673032	8.88E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	464565.1	3672972	8.87E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	464265.1	3673132	8.80E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	464525.1	3673092	8.72E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	464505.1	3673112	8.71E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	464305.1	3672872	8.70E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	464205.1	3672972	8.57E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	464545.1	3673072	8.57E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	464425.1	3673152	8.52E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	464485.1	3672892	8.48E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	464245.1	3673112	8.47E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	464325.1	3672872	8.45E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	464285.1	3672872	8.43E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	464485.1	3673132	8.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	464225.1	3672932	8.25E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	464545.1	3672932	8.23E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	464525.1	3672912	8.21E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	464565.1	3673052	8.15E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	464185.1	3673012	8.00E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	464445.1	3673152	7.94E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	464585.1	3673012	7.90E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	464585.1	3672992	7.83E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	464565.1	3672952	7.80E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	464245.1	3672892	7.80E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	464285.1	3673152	7.79E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	464345.1	3672872	7.62E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	464225.1	3673092	7.61E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	464525.1	3673112	7.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	464585.1	3673032	7.57E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	464545.1	3673092	7.54E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	464185.1	3673032	7.50E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	464585.1	3672972	7.37E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	464565.1	3673072	7.36E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	464505.1	3673132	7.34E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	464505.1	3672892	7.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	464225.1	3672912	7.31E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	464465.1	3673152	7.30E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	464185.1	3672992	7.30E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	464205.1	3672952	7.22E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	464265.1	3672872	7.21E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	464345.1	3673172	7.12E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	464365.1	3673172	7.10E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	464585.1	3673052	7.07E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	464385.1	3673172	6.94E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	464205.1	3673072	6.90E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	464325.1	3673172	6.89E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	464545.1	3672912	6.79E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

331	ALL	464605.1	3673012	6.73E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	464565.1	3672932	6.71E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	464185.1	3672972	6.67E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	464405.1	3673172	6.67E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	464485.1	3673152	6.64E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	464365.1	3672872	6.64E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	464545.1	3673112	6.61E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	464585.1	3672952	6.61E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	464565.1	3673092	6.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	464605.1	3672992	6.59E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	464445.1	3672872	6.57E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	464605.1	3673032	6.53E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	464585.1	3673072	6.49E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	464525.1	3673132	6.47E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	464425.1	3672872	6.46E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	464205.1	3672932	6.43E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	464425.1	3673172	6.39E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	464225.1	3672892	6.33E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	464305.1	3673172	6.33E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	464465.1	3672872	6.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	464525.1	3672892	6.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	464245.1	3672872	6.29E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	464265.1	3673152	6.29E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	464245.1	3673132	6.28E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	464605.1	3673052	6.17E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	464605.1	3672972	6.17E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	464185.1	3673052	6.16E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	464405.1	3672872	6.16E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	464385.1	3672872	6.09E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	464185.1	3672952	6.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	464445.1	3673172	6.07E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	464505.1	3673152	6.02E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	464205.1	3672912	5.98E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	464565.1	3673112	5.88E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	464585.1	3673092	5.88E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	464305.1	3672852	5.87E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	464485.1	3672872	5.86E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	464225.1	3673112	5.83E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	464545.1	3673132	5.76E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	464285.1	3672852	5.76E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	464605.1	3673072	5.75E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	464585.1	3672932	5.73E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	464465.1	3673172	5.68E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	464565.1	3672912	5.67E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	464165.1	3672992	5.63E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	464225.1	3672872	5.62E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	464185.1	3672932	5.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	464165.1	3673012	5.58E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	464205.1	3672892	5.58E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	464605.1	3672952	5.56E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	464285.1	3673172	5.55E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	464165.1	3672972	5.50E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	464325.1	3672852	5.48E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	464545.1	3672892	5.47E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	464525.1	3673152	5.43E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

179	ALL	464265.1	3672852	5.34E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	464365.1	3673192	5.33E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	464505.1	3672872	5.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	464585.1	3673112	5.28E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	464605.1	3673092	5.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	464205.1	3673092	5.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	464345.1	3673192	5.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	464185.1	3672912	5.26E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	464385.1	3673192	5.26E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	464165.1	3672952	5.24E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	464485.1	3673172	5.22E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	464565.1	3673132	5.18E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	464165.1	3673032	5.16E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	464405.1	3673192	5.11E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	464325.1	3673192	5.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	464205.1	3672872	5.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	464245.1	3672852	5.04E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	464185.1	3672892	4.95E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	464165.1	3672932	4.94E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	464545.1	3673152	4.93E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	464425.1	3673192	4.92E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	464605.1	3672932	4.92E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	464345.1	3672852	4.90E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	464585.1	3672912	4.89E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	464645.1	3673012	4.88E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	464505.1	3673172	4.84E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	464185.1	3673072	4.84E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	464245.1	3673152	4.81E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	464525.1	3672872	4.78E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	464225.1	3672852	4.78E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	464605.1	3673112	4.78E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	464305.1	3673192	4.75E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	464565.1	3672892	4.73E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	464645.1	3673062	4.72E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	464445.1	3673192	4.72E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	464585.1	3673132	4.70E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	464165.1	3672912	4.67E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	464265.1	3673172	4.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	464145.1	3672972	4.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	464225.1	3673132	4.55E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	464145.1	3672952	4.54E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	464565.1	3673152	4.51E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	464525.1	3673172	4.50E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	464465.1	3673192	4.48E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	464145.1	3672992	4.48E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	464205.1	3672852	4.47E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	464165.1	3673052	4.41E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	464365.1	3672852	4.36E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	464145.1	3672932	4.36E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	464605.1	3673132	4.28E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	464545.1	3672872	4.28E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	464645.1	3672962	4.28E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	464605.1	3672912	4.25E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	464205.1	3673112	4.23E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	464465.1	3672852	4.23E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

532	ALL	464285.1	3673192	4.19E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	464445.1	3672852	4.18E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	464545.1	3673172	4.16E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	464145.1	3673012	4.15E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	464585.1	3673152	4.14E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	464365.1	3673212	4.13E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	464485.1	3673192	4.12E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	464585.1	3672892	4.12E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	464385.1	3673212	4.12E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	464485.1	3672852	4.11E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	464305.1	3672832	4.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	464345.1	3673212	4.05E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	464405.1	3673212	4.04E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	464425.1	3672852	4.02E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	464245.1	3672832	4.01E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	464385.1	3672852	3.99E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	464265.1	3672832	3.98E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	464645.1	3673112	3.96E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	464225.1	3672832	3.95E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	464505.1	3673192	3.91E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	464285.1	3672832	3.91E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	464425.1	3673212	3.91E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	464405.1	3672852	3.90E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	464325.1	3673212	3.89E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	464505.1	3672852	3.89E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	464565.1	3673172	3.87E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	464185.1	3673092	3.84E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	464125.1	3672972	3.84E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	464565.1	3672872	3.82E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	464605.1	3673152	3.81E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	464325.1	3672832	3.79E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	464245.1	3673172	3.77E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	464445.1	3673212	3.76E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	464145.1	3673032	3.72E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	464525.1	3673192	3.71E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	464305.1	3673212	3.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	464225.1	3673152	3.64E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	464125.1	3672992	3.63E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	464525.1	3672852	3.62E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	464605.1	3672892	3.61E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	464585.1	3673172	3.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	464465.1	3673212	3.59E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	464265.1	3673192	3.59E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	464695.1	3673062	3.58E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	464165.1	3673072	3.56E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	464695.1	3673012	3.54E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	464545.1	3673192	3.50E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	464205.1	3673132	3.44E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	464121.2	3672996	3.42E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	464345.1	3672832	3.41E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	464585.1	3672872	3.41E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	464545.1	3672852	3.35E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	464605.1	3673172	3.35E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	464485.1	3673212	3.33E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	464565.1	3673192	3.31E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

595	ALL	464385.1	3673232	3.30E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	464125.1	3673012	3.29E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	464285.1	3673212	3.29E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	464365.1	3673232	3.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	464405.1	3673232	3.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	464145.1	3673052	3.21E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	464645.1	3672912	3.21E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	464185.1	3673112	3.21E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	464345.1	3673232	3.20E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	464107.5	3672979	3.20E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	464505.1	3673212	3.20E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	464695.1	3673112	3.19E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	464425.1	3673232	3.18E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	464245.1	3672812	3.16E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	464585.1	3673192	3.11E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	464695.1	3672962	3.09E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	464645.1	3673162	3.09E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	464365.1	3672832	3.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	464325.1	3673232	3.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	464565.1	3672852	3.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	464525.1	3673212	3.07E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	464265.1	3672812	3.06E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	464445.1	3673232	3.06E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	464605.1	3672872	3.04E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	464245.1	3673192	3.01E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	464225.1	3673172	2.97E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	464485.1	3672832	2.95E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	464465.1	3673232	2.94E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	464605.1	3673192	2.92E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	464545.1	3673212	2.92E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	464465.1	3672832	2.92E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	464285.1	3672812	2.92E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	464165.1	3673092	2.92E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	464305.1	3673232	2.89E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	464505.1	3672832	2.87E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	464265.1	3673212	2.86E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	464125.1	3673032	2.84E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	464385.1	3672832	2.83E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	464305.1	3672812	2.83E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	464445.1	3672832	2.83E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	464205.1	3673152	2.83E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	464585.1	3672852	2.80E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	464565.1	3673212	2.79E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	464745.1	3673062	2.78E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	464525.1	3672832	2.76E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	464485.1	3673232	2.74E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	464425.1	3672832	2.73E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	464405.1	3672832	2.71E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	464325.1	3672812	2.71E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	464385.1	3673252	2.70E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	464185.1	3673132	2.70E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	464145.1	3673072	2.70E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	464745.1	3673012	2.69E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	464405.1	3673252	2.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	464365.1	3673252	2.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

590	ALL	464285.1	3673232	2.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	464585.1	3673212	2.65E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	464505.1	3673232	2.65E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	464545.1	3672832	2.63E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	464425.1	3673252	2.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	464345.1	3673252	2.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	464695.1	3673162	2.57E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	464525.1	3673232	2.56E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	464745.1	3673112	2.55E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	464605.1	3672852	2.55E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	464445.1	3673252	2.53E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	464605.1	3673212	2.52E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	464245.1	3672792	2.51E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	464345.1	3672812	2.50E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	464325.1	3673252	2.50E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	464165.1	3673112	2.49E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	464565.1	3672832	2.47E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	464225.1	3673192	2.47E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	464245.1	3673212	2.46E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	464545.1	3673232	2.44E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	464465.1	3673252	2.40E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	464265.1	3672792	2.39E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	464125.1	3673052	2.39E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	464695.1	3672912	2.39E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	464305.1	3673252	2.37E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	464205.1	3673172	2.36E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	464565.1	3673232	2.35E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	464265.1	3673232	2.34E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	464745.1	3672962	2.34E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	464585.1	3672832	2.30E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	464485.1	3673252	2.30E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	464145.1	3673092	2.29E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	464365.1	3672812	2.29E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	464645.1	3673212	2.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	464185.1	3673152	2.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	464105.1	3673032	2.26E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	464645.1	3672862	2.26E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	464285.1	3672792	2.25E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	464585.1	3673232	2.25E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	464505.1	3673252	2.23E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	464385.1	3673272	2.23E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	464405.1	3673272	2.21E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	464365.1	3673272	2.20E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	464285.1	3673252	2.19E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	464425.1	3673272	2.18E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	464165.1	3673132	2.17E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	464505.1	3672812	2.17E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	464485.1	3672812	2.16E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	464525.1	3673252	2.16E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	464795.1	3673062	2.15E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	464605.1	3673232	2.15E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	464345.1	3673272	2.15E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	464745.1	3673162	2.15E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	464605.1	3672832	2.13E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	464525.1	3672812	2.13E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

144	ALL	464385.1	3672812	2.12E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	464445.1	3673272	2.12E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	464305.1	3672792	2.11E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	464465.1	3672812	2.10E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	464125.1	3673072	2.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	464545.1	3672812	2.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	464225.1	3673212	2.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	464795.1	3673012	2.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	464545.1	3673252	2.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	464325.1	3673272	2.07E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	464795.1	3673112	2.05E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	464245.1	3673232	2.05E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	464445.1	3672812	2.03E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	464325.1	3672792	2.03E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	464405.1	3672812	2.02E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	464205.1	3673192	2.01E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	464465.1	3673272	2.01E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	464145.1	3673112	2.01E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	464565.1	3673252	2.00E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	464565.1	3672812	2.00E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	464425.1	3672812	1.99E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	464305.1	3673272	1.97E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	464695.1	3673212	1.96E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	464265.1	3673252	1.96E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	464485.1	3673272	1.95E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	464185.1	3673172	1.93E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	464105.1	3673052	1.93E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	464585.1	3673252	1.92E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	464345.1	3672792	1.91E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	464265.1	3672772	1.91E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	464505.1	3673272	1.90E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	464585.1	3672812	1.90E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	464745.1	3672912	1.88E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	464165.1	3673152	1.87E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	464405.1	3673292	1.86E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	464425.1	3673292	1.85E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	464525.1	3673272	1.85E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	464365.1	3673292	1.84E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	464795.1	3672962	1.84E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	464385.1	3673292	1.84E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	464605.1	3673252	1.84E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	464285.1	3673272	1.83E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	464125.1	3673092	1.82E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	464795.1	3673162	1.81E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	464345.1	3673292	1.81E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	464285.1	3672772	1.79E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	464605.1	3672812	1.79E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	464545.1	3673272	1.79E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	464145.1	3673132	1.77E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	464225.1	3673232	1.77E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	464365.1	3672792	1.77E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	464445.1	3673292	1.76E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	464695.1	3672862	1.75E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	464325.1	3673292	1.74E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	464205.1	3673212	1.73E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

617	ALL	464245.1	3673252	1.73E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	464565.1	3673272	1.72E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	464845.1	3673062	1.72E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	464465.1	3673292	1.72E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	464745.1	3673212	1.71E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	464845.1	3673112	1.69E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	464485.1	3673292	1.68E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	464525.1	3672792	1.67E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	464185.1	3673192	1.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	464265.1	3673272	1.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	464505.1	3672792	1.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	464585.1	3673272	1.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	464305.1	3672772	1.66E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	464545.1	3672792	1.65E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	464385.1	3672792	1.65E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	464305.1	3673292	1.65E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	464105.1	3673072	1.65E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	464505.1	3673292	1.64E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	464845.1	3673012	1.63E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	464485.1	3672792	1.63E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	464125.1	3673112	1.62E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	464565.1	3672792	1.62E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	464165.1	3673172	1.61E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	464525.1	3673292	1.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	464605.1	3673272	1.60E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	464645.1	3673262	1.59E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	464395.1	3673312	1.58E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	464085.1	3673052	1.58E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	464465.1	3672792	1.58E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	464325.1	3672772	1.58E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	464405.1	3672792	1.57E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	464585.1	3672792	1.57E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	464145.1	3673152	1.56E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	464545.1	3673292	1.56E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	464645.1	3672812	1.56E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	464285.1	3673292	1.54E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	464845.1	3673162	1.54E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	464445.1	3672792	1.54E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	464345.1	3673312	1.54E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	464425.1	3672792	1.53E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	464225.1	3673252	1.52E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	464445.1	3673312	1.52E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	464795.1	3672912	1.52E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	464205.1	3673232	1.51E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	464565.1	3673292	1.50E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	464605.1	3672792	1.50E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	464345.1	3672772	1.50E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	464245.1	3673272	1.49E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	464795.1	3673212	1.49E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	464585.1	3673292	1.47E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	464845.1	3672962	1.47E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	464125.1	3673132	1.46E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	464185.1	3673212	1.45E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	464285.1	3672752	1.45E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	464695.1	3673262	1.44E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

388	ALL	464105.1	3673092	1.44E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	464495.1	3673312	1.44E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	464265.1	3673292	1.43E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	464745.1	3672862	1.42E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	464605.1	3673292	1.42E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	464365.1	3672772	1.41E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	464895.1	3673062	1.41E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	464165.1	3673192	1.41E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	464895.1	3673112	1.40E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	464085.1	3673072	1.37E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	464145.1	3673172	1.37E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	464295.1	3673312	1.37E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	464545.1	3673312	1.36E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	464305.1	3672752	1.35E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	464895.1	3673012	1.33E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	464545.1	3672772	1.33E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	464385.1	3672772	1.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	464205.1	3673252	1.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	464225.1	3673272	1.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	464525.1	3672772	1.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	464565.1	3672772	1.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	464125.1	3673152	1.32E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	464845.1	3673212	1.31E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	464895.1	3673162	1.31E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	464745.1	3673262	1.31E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	464505.1	3672772	1.30E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	464585.1	3672772	1.30E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	464245.1	3673292	1.30E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	464105.1	3673112	1.29E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	464185.1	3673232	1.29E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	464595.1	3673312	1.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	464695.1	3672812	1.27E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	464485.1	3672772	1.26E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	464605.1	3672772	1.26E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	464325.1	3672752	1.26E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	464405.1	3672772	1.26E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	464845.1	3672912	1.25E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	464165.1	3673212	1.24E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	464465.1	3672772	1.23E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	464425.1	3672772	1.22E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	464105.1	3673132	1.22E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	464445.1	3672772	1.21E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	464145.1	3673192	1.21E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	464085.1	3673092	1.21E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	464895.1	3672962	1.20E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	464345.1	3672752	1.20E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	464795.1	3672862	1.19E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	464125.1	3673172	1.18E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	464795.1	3673262	1.18E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	464205.1	3673272	1.17E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	464065.1	3673072	1.17E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	464225.1	3673292	1.16E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	464945.1	3673112	1.16E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	464365.1	3672752	1.15E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	464645.1	3673312	1.15E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

819	ALL	464895.1	3673212	1.14E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	464185.1	3673252	1.14E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	464245.1	3673312	1.14E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	464105.1	3673152	1.13E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	464305.1	3672732	1.12E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	464945.1	3673012	1.11E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	464165.1	3673232	1.10E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	464385.1	3672752	1.09E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	464085.1	3673112	1.09E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	464565.1	3672752	1.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	464645.1	3672762	1.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	464445.1	3673362	1.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	464585.1	3672752	1.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	464545.1	3672752	1.08E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	464145.1	3673212	1.07E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	464345.1	3673362	1.07E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	464745.1	3672812	1.07E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	464845.1	3673262	1.06E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	464395.1	3673362	1.06E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	464525.1	3672752	1.06E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	464695.1	3673312	1.06E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	464605.1	3672752	1.06E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	464125.1	3673192	1.06E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	464495.1	3673362	1.04E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	464405.1	3672752	1.04E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	464325.1	3672732	1.04E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	464505.1	3672752	1.04E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	464205.1	3673292	1.03E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	464065.1	3673092	1.03E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	464895.1	3672912	1.03E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	464105.1	3673172	1.03E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	464185.1	3673272	1.02E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	464085.1	3673132	1.01E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	464545.1	3673362	1.01E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	464845.1	3672862	1.01E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	464485.1	3672752	1.01E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	464425.1	3672752	1.00E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	464945.1	3673212	1.00E-07	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	464165.1	3673252	9.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	464465.1	3672752	9.89E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	464445.1	3672752	9.88E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	464345.1	3672732	9.86E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	464745.1	3673312	9.82E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	464295.1	3673362	9.79E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	464695.1	3672762	9.63E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	464145.1	3673232	9.62E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	464895.1	3673262	9.59E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	464085.1	3673152	9.50E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	464365.1	3672732	9.50E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	464125.1	3673212	9.46E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	464595.1	3673362	9.40E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	464305.1	3672712	9.38E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	464065.1	3673112	9.38E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	464105.1	3673192	9.28E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	464795.1	3672812	9.23E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

672	ALL	464185.1	3673292	9.21E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	464385.1	3672732	9.15E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	464795.1	3673312	9.12E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	464585.1	3672732	8.99E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	464165.1	3673272	8.98E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	464085.1	3673172	8.96E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	464565.1	3672732	8.95E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	464605.1	3672732	8.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	464545.1	3672732	8.84E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	464195.1	3673312	8.80E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	464945.1	3672912	8.77E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	464325.1	3672712	8.77E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	464405.1	3672732	8.75E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	464145.1	3673252	8.71E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	464645.1	3673362	8.69E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	464065.1	3673132	8.69E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	464525.1	3672732	8.66E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	464895.1	3672862	8.61E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	464125.1	3673232	8.52E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	464505.1	3672732	8.45E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	464425.1	3672732	8.45E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	464245.1	3673362	8.44E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	464105.1	3673212	8.40E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	464845.1	3673312	8.40E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	465045.1	3673112	8.39E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	464345.1	3672712	8.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	464485.1	3672732	8.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	464445.1	3672732	8.25E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	464085.1	3673192	8.24E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	464465.1	3672732	8.19E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	464045.1	3673112	8.19E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	464165.1	3673292	8.16E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	464065.1	3673152	8.16E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	464745.1	3672762	8.10E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	464845.1	3672812	8.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	464695.1	3673362	8.02E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	465045.1	3673012	7.95E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	464495.1	3673412	7.95E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	464145.1	3673272	7.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	464445.1	3673412	7.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	464365.1	3672712	7.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	464345.1	3673412	7.82E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	464385.1	3672712	7.80E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	464395.1	3673412	7.80E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	464895.1	3673312	7.78E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	464545.1	3673412	7.74E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	464125.1	3673252	7.73E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	464065.1	3673172	7.70E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	465045.1	3673212	7.67E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	464105.1	3673232	7.63E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	464045.1	3673132	7.62E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	464585.1	3672712	7.58E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	464605.1	3672712	7.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	464745.1	3673362	7.55E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	464085.1	3673212	7.54E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

56	ALL	464405.1	3672712	7.49E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	464645.1	3672712	7.48E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	464565.1	3672712	7.46E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	464545.1	3672712	7.36E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	464295.1	3673412	7.34E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	464595.1	3673412	7.30E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	464145.1	3673292	7.26E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	464065.1	3673192	7.24E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	464425.1	3672712	7.22E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	464525.1	3672712	7.19E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	464795.1	3672762	7.18E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	464695.1	3672712	7.14E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	464945.1	3673312	7.14E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	464045.1	3673152	7.13E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	464125.1	3673272	7.06E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	464895.1	3672812	7.05E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	464795.1	3673362	7.03E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	464505.1	3672712	7.03E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	464445.1	3672712	7.03E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	464195.1	3673362	6.96E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	464105.1	3673252	6.94E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	464485.1	3672712	6.94E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	464465.1	3672712	6.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	464085.1	3673232	6.87E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	464645.1	3673412	6.79E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	464065.1	3673212	6.74E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	464021.3	3673126	6.70E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	464045.1	3673172	6.68E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	464145.1	3673312	6.67E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	464745.1	3672712	6.60E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	464845.1	3673362	6.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	465045.1	3672912	6.55E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	464245.1	3673412	6.50E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	464125.1	3673292	6.49E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	464845.1	3672762	6.44E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	464695.1	3673412	6.37E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	464105.1	3673272	6.36E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	464045.1	3673192	6.34E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	464085.1	3673252	6.30E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	465145.1	3673112	6.28E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	464065.1	3673232	6.21E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	464945.1	3672812	6.20E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	464895.1	3673362	6.15E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	464495.1	3673462	6.13E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	465045.1	3673312	6.09E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	464445.1	3673462	6.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	465145.1	3673212	6.04E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	464545.1	3673462	6.02E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	464045.1	3673212	6.00E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	464395.1	3673462	6.00E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	464745.1	3673412	5.96E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	465145.1	3673012	5.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	464105.1	3673292	5.87E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	464345.1	3673462	5.84E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	464595.1	3673462	5.80E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

638	ALL	464085.1	3673272	5.79E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	464345.1	3672662	5.77E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	464895.1	3672762	5.77E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	464065.1	3673252	5.74E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	464795.1	3672712	5.69E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	464295.1	3673462	5.67E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	464045.1	3673232	5.63E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	464195.1	3673412	5.57E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	464795.1	3673412	5.54E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	464645.1	3673462	5.51E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	464145.1	3673362	5.49E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	464085.1	3673292	5.36E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	464065.1	3673272	5.31E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	465145.1	3673312	5.31E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	464645.1	3672662	5.29E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	464395.1	3672662	5.29E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	464695.1	3672662	5.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	464045.1	3673252	5.26E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	464095.1	3673312	5.20E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	464695.1	3673462	5.20E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	464845.1	3673412	5.18E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	464845.1	3672712	5.18E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	464595.1	3672662	5.18E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	464245.1	3673462	5.16E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	464745.1	3672662	5.09E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	465145.1	3672912	5.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	465245.1	3673112	5.04E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	464445.1	3672662	5.03E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	465245.1	3673212	5.02E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	465045.1	3672812	4.97E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	464065.1	3673292	4.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	464545.1	3672662	4.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	464045.1	3673272	4.90E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	464895.1	3673412	4.89E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	464745.1	3673462	4.83E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	464495.1	3672662	4.83E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	464495.1	3673512	4.82E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	464445.1	3673512	4.79E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	464795.1	3672662	4.78E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	464545.1	3673512	4.75E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	464895.1	3672712	4.75E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	464945.1	3673412	4.74E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	464395.1	3673512	4.73E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	465245.1	3673012	4.69E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	464595.1	3673512	4.68E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	464345.1	3673512	4.61E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	464145.1	3673412	4.60E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	465245.1	3673312	4.58E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	464195.1	3673462	4.58E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	463995.1	3673212	4.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	464645.1	3673512	4.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	464045.1	3673292	4.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	464795.1	3673462	4.50E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	465045.1	3673412	4.43E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	464095.1	3673362	4.39E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1042	ALL	464945.1	3672712	4.35E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	464295.1	3673512	4.30E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	464695.1	3673512	4.28E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	464045.1	3673312	4.25E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	464845.1	3672662	4.23E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	464245.1	3673512	4.21E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	464845.1	3673462	4.21E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	465345.1	3673212	4.18E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	465345.1	3673112	4.16E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	465145.1	3673412	4.14E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	465245.1	3672912	4.04E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	465145.1	3672812	4.02E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	464745.1	3673512	4.02E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	464895.1	3673462	4.02E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	463995.1	3673262	3.97E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	465345.1	3673312	3.95E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	464895.1	3672662	3.94E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	464695.1	3672612	3.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	464745.1	3672612	3.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	464145.1	3673462	3.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	464395.1	3672612	3.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	464495.1	3673562	3.90E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	465345.1	3673012	3.89E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	464545.1	3673562	3.89E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	464595.1	3673562	3.88E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	464645.1	3672612	3.87E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	464395.1	3673562	3.86E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	464445.1	3673562	3.85E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	464795.1	3672612	3.83E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	464195.1	3673512	3.82E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	465245.1	3673412	3.81E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	464645.1	3673562	3.79E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	464095.1	3673412	3.77E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	464795.1	3673512	3.75E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	464345.1	3673562	3.75E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	464595.1	3672612	3.71E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	464445.1	3672612	3.71E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	465045.1	3672712	3.68E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	464495.1	3672612	3.64E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	464045.1	3673362	3.63E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	464695.1	3673562	3.62E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	464845.1	3672612	3.60E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	464545.1	3672612	3.59E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	463995.1	3673312	3.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	465445.1	3673212	3.54E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	464845.1	3673512	3.54E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	464295.1	3673562	3.52E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	465445.1	3673112	3.51E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	464245.1	3673562	3.48E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	465345.1	3673412	3.44E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	465445.1	3673312	3.42E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	464745.1	3673562	3.41E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	464895.1	3673512	3.38E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	464145.1	3673512	3.37E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	465345.1	3672912	3.36E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1065	ALL	465445.1	3673012	3.31E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	465245.1	3672812	3.30E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	464895.1	3672612	3.30E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	464945.1	3673512	3.29E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	464095.1	3673462	3.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	463945.1	3673262	3.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	464595.1	3673612	3.22E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	464195.1	3673562	3.22E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	464795.1	3673562	3.21E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	464545.1	3673612	3.20E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	464395.1	3673612	3.19E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	464495.1	3673612	3.17E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	464445.1	3673612	3.17E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	464645.1	3673612	3.17E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	464045.1	3673412	3.15E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	465045.1	3673512	3.13E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	464345.1	3673612	3.12E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	464945.1	3672612	3.11E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	465445.1	3673412	3.10E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	463995.1	3673362	3.10E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	465145.1	3672712	3.10E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	464795.1	3672562	3.07E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	464695.1	3673612	3.07E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	464745.1	3672562	3.06E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	464695.1	3672562	3.03E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL	465145.1	3673512	3.03E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	464845.1	3673562	3.01E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	464845.1	3672562	3.01E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	464745.1	3673612	2.94E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	464295.1	3673612	2.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	464645.1	3672562	2.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	464145.1	3673562	2.93E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	465445.1	3672912	2.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	464895.1	3672562	2.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	464445.1	3672562	2.90E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	463945.1	3673312	2.89E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	464095.1	3673512	2.88E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	464895.1	3673562	2.88E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	465245.1	3673512	2.88E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	464495.1	3672562	2.87E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	464595.1	3672562	2.82E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	464545.1	3672562	2.79E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	464245.1	3673612	2.78E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	464795.1	3673612	2.78E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	465345.1	3673512	2.77E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	464195.1	3673612	2.76E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	465345.1	3672812	2.76E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	464045.1	3673462	2.76E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	465045.1	3672612	2.74E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	463995.1	3673412	2.71E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	463945.1	3673362	2.70E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	465645.1	3673112	2.64E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	464845.1	3673612	2.63E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	465645.1	3673312	2.62E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	465245.1	3672712	2.62E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1095	ALL	465445.1	3673512	2.61E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	464145.1	3673612	2.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	464095.1	3673562	2.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	464895.1	3673612	2.53E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	464845.1	3672512	2.49E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	464795.1	3672512	2.48E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	464045.1	3673512	2.47E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	463895.1	3673312	2.47E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL	465079.6	3673598	2.45E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	464895.1	3672512	2.45E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	464945.1	3673612	2.45E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	464745.1	3672512	2.44E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	465445.1	3672812	2.42E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	463995.1	3673462	2.40E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	465145.1	3672612	2.40E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	463945.1	3673412	2.39E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	464945.1	3672512	2.39E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	464695.1	3672512	2.38E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	465045.1	3673612	2.37E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	464645.1	3672512	2.30E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	465145.1	3673612	2.29E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	464095.1	3673612	2.29E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	464545.1	3672512	2.28E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	465645.1	3672912	2.28E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	464495.1	3672512	2.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	464445.1	3673712	2.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	464545.1	3673712	2.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	465645.1	3673512	2.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	464645.1	3673712	2.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	464595.1	3672512	2.26E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	464345.1	3673712	2.26E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	465345.1	3672712	2.25E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	464045.1	3673562	2.22E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	463895.1	3673362	2.22E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	465245.1	3673612	2.21E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	464745.1	3673712	2.19E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	465845.1	3673112	2.17E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	465345.1	3673612	2.13E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	463945.1	3673462	2.13E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	463995.1	3673512	2.13E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	465045.1	3672512	2.12E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	464845.1	3673712	2.11E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	465845.1	3673312	2.10E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	465245.1	3672612	2.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	465445.1	3673612	2.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	464845.1	3672462	2.06E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	464895.1	3672462	2.06E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL	464824.4	3673729	2.05E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	464245.1	3673712	2.04E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	464795.1	3672462	2.03E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	463895.1	3673412	2.01E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	464045.1	3673612	2.01E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	464145.1	3673712	2.00E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	464745.1	3672462	1.99E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	465445.1	3672712	1.97E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1239	ALL	465845.1	3673512	1.96E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	463995.1	3673562	1.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	464695.1	3672462	1.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	463945.1	3673512	1.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	463895.1	3673462	1.92E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	464495.1	3672462	1.90E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	465145.1	3672512	1.89E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	464645.1	3672462	1.88E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	464595.1	3672462	1.88E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	465845.1	3672912	1.87E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	464545.1	3672462	1.86E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	465345.1	3672612	1.83E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	466045.1	3673112	1.82E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	463845.1	3673412	1.78E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	463995.1	3673612	1.78E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	465145.1	3673712	1.76E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	464745.1	3673812	1.76E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	464895.1	3672412	1.75E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	464345.1	3673812	1.75E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	464945.1	3672412	1.75E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	466045.1	3673312	1.75E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	464845.1	3672412	1.73E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	463895.1	3673512	1.73E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	464445.1	3673812	1.71E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	464645.1	3673812	1.71E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	464795.1	3672412	1.70E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	465045.1	3672412	1.70E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	465245.1	3672512	1.70E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	463945.1	3673562	1.69E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	465245.1	3673712	1.69E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	464545.1	3673812	1.69E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	466045.1	3673512	1.68E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	465645.1	3672712	1.67E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	464045.1	3673712	1.67E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL	464810.6	3673901	1.67E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	466045.1	3672912	1.66E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	465345.1	3673712	1.66E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	464745.1	3672412	1.64E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	465445.1	3673712	1.63E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	465445.1	3672612	1.62E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	463845.1	3673462	1.62E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	464145.1	3673812	1.62E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	464695.1	3672412	1.60E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	465645.1	3673712	1.60E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	464245.1	3673812	1.60E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	464595.1	3672412	1.59E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	464645.1	3672412	1.59E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	463895.1	3673562	1.58E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	464545.1	3672412	1.57E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	463845.1	3673512	1.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	464528.6	3672407	1.56E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	465845.1	3673712	1.55E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	464231.2	3673825	1.53E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	463945.1	3673612	1.53E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	465345.1	3672512	1.52E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1026	ALL	465145.1	3672412	1.51E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL	466245.1	3673112	1.49E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	464472.6	3673873	1.49E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	466245.1	3673312	1.49E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	463795.1	3673462	1.47E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	466045.1	3673712	1.46E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	465145.1	3673812	1.45E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	466245.1	3673512	1.45E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL	464769.2	3673949	1.45E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	465845.1	3672712	1.44E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	464045.1	3673812	1.42E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	463845.1	3673562	1.40E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	464745.1	3673912	1.38E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	465245.1	3672412	1.38E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	465245.1	3673812	1.38E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	465445.1	3672512	1.37E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	463895.1	3673612	1.37E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	466245.1	3672912	1.36E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	463945.1	3673712	1.36E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	464545.1	3673912	1.35E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	463795.1	3673512	1.35E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	464145.1	3673912	1.34E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	466245.1	3673712	1.34E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	465345.1	3673812	1.34E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	466445.1	3672912	1.33E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	466045.1	3672712	1.32E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	465045.1	3672312	1.32E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	464645.1	3673912	1.32E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	464945.1	3672312	1.32E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	466445.1	3673112	1.31E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	465445.1	3673812	1.31E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	466445.1	3673312	1.29E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	465145.1	3672312	1.28E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	465345.1	3672412	1.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	464520.9	3673942	1.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	464845.1	3672312	1.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	466445.1	3673512	1.27E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	463845.1	3673612	1.26E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	463795.1	3673562	1.25E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	465145.1	3673912	1.24E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	464045.1	3673912	1.23E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	466445.1	3673712	1.22E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	464745.1	3672312	1.21E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	463945.1	3673812	1.19E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	465245.1	3673912	1.18E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	465645.1	3672512	1.17E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	465445.1	3672412	1.17E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL	464651.9	3674025	1.17E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	464645.1	3672312	1.16E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	463795.1	3673612	1.16E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	463745.1	3673562	1.15E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	466245.1	3672712	1.15E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	464145.1	3674012	1.13E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	465245.1	3672312	1.13E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	465345.1	3673912	1.13E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1222	ALL	466445.1	3672712	1.12E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	466045.1	3672512	1.12E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	464645.1	3674012	1.11E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	465445.1	3673912	1.10E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	466045.1	3673912	1.09E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	466245.1	3673912	1.09E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	463845.1	3673712	1.09E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	465845.1	3672512	1.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	464545.1	3674012	1.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	465845.1	3673912	1.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	466445.1	3673912	1.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	465145.1	3674012	1.08E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	465645.1	3673912	1.07E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	465345.1	3672312	1.07E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	463703.9	3673572	1.07E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	463745.1	3673612	1.07E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	464100.1	3674046	1.06E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	465045.1	3672212	1.05E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	465145.1	3672212	1.04E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	463658.9	3673555	1.02E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	465245.1	3674012	1.02E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	466245.1	3672512	1.02E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	464945.1	3672212	1.01E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	465445.1	3672312	1.01E-08	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	464424.3	3674253	9.89E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	463945.1	3673912	9.88E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	465345.1	3674012	9.80E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	464520.9	3674246	9.68E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	464845.1	3672212	9.63E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	463845.1	3673812	9.54E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	464745.1	3672212	9.54E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	465145.1	3674112	9.52E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	465445.1	3674012	9.51E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	463745.1	3673712	9.46E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	463645.1	3673612	9.44E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	464145.1	3674112	9.44E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	465245.1	3672212	9.32E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	464545.1	3674112	9.28E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	464210.5	3674094	9.25E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	466445.1	3672512	9.18E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	464479.5	3674287	9.12E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	465245.1	3674112	9.07E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	465345.1	3672212	8.94E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	464141.5	3674170	8.76E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	465345.1	3674112	8.72E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	465645.1	3672312	8.64E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	465145.1	3672112	8.61E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	466045.1	3672312	8.58E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	465445.1	3672212	8.49E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	465445.1	3674112	8.43E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	466445.1	3674112	8.43E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	465045.1	3672112	8.42E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	463645.1	3673712	8.35E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	463745.1	3673812	8.25E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	466245.1	3674112	8.15E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1004	ALL	465245.1	3672112	8.11E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	465645.1	3674112	8.05E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	465845.1	3672312	8.04E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	464945.1	3672112	8.04E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	466245.1	3672312	8.00E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	466045.1	3674112	7.95E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	465845.1	3674112	7.89E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	464845.1	3672112	7.86E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	463555.2	3673701	7.65E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL	465093.4	3674315	7.61E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	466445.1	3672312	7.60E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	464745.1	3672112	7.60E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL	464058.7	3674253	7.58E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	465345.1	3672112	7.55E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	462213.6	3670882	7.47E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	465245.1	3674312	7.37E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	465445.1	3672112	7.31E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	465245.1	3672012	7.23E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	465145.1	3672012	7.21E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	464045.1	3674312	7.18E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL	464872.7	3674543	7.03E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	463845.1	3674112	6.91E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	465045.1	3672012	6.91E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	465445.1	3674312	6.91E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL	464334.6	3674522	6.89E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	466045.1	3672112	6.89E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	465645.1	3672112	6.77E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	465045.1	3674512	6.65E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	464945.1	3672012	6.64E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	465645.1	3674312	6.55E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	466245.1	3672112	6.54E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	465345.1	3672012	6.50E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL	464776.1	3674598	6.44E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	464845.1	3672012	6.40E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	466445.1	3674312	6.39E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	465445.1	3672012	6.34E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	465845.1	3674312	6.33E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	465245.1	3674512	6.29E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL	463644.9	3673956	6.28E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	466245.1	3674312	6.24E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	465845.1	3672112	6.22E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	466045.1	3674312	6.22E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	465345.1	3671912	6.21E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	465245.1	3671912	6.21E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	463845.1	3674312	6.17E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	464445.1	3674712	6.15E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	463745.1	3674112	6.11E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	465145.1	3671912	6.09E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL	464479.5	3674687	6.02E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	463645.1	3674012	5.98E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	465445.1	3671912	5.98E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	466445.1	3672112	5.96E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	465445.1	3674512	5.86E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL	463465.5	3673915	5.78E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	465045.1	3671912	5.77E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1297	ALL	465845.1	3674712	5.74E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL	464969.2	3674784	5.66E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	464945.1	3671912	5.61E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	466045.1	3671912	5.58E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	465645.1	3674512	5.55E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL	463845.1	3674512	5.51E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	463545.1	3674012	5.49E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	463645.1	3674112	5.48E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	465645.1	3671912	5.43E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	465845.1	3674512	5.40E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	464245.1	3674512	5.33E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	466045.1	3674512	5.27E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	465845.1	3671912	5.26E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	463445.1	3674012	5.21E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	466245.1	3674512	5.16E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL	464707.1	3674887	5.13E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	466445.1	3674512	5.12E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL	464045.1	3674512	5.10E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	465245.1	3674712	5.08E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL	465445.1	3674712	5.05E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	466245.1	3671912	5.04E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	463545.1	3674112	5.03E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	465445.1	3671712	4.94E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	465645.1	3671712	4.91E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	465045.1	3674712	4.90E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	463645.1	3674312	4.88E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	ALL	464245.1	3674912	4.84E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	465645.1	3674712	4.82E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	465245.1	3671712	4.75E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	465845.1	3671712	4.74E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	463445.1	3674112	4.72E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	466445.1	3671912	4.72E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL	465134.8	3674860	4.70E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL	464445.1	3674912	4.62E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	466045.1	3674712	4.57E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	463645.1	3674512	4.57E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	466045.1	3671712	4.56E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL	465638.3	3674846	4.56E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL	464645.1	3674912	4.55E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	463345.1	3674112	4.54E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	466245.1	3674712	4.45E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	463445.1	3674312	4.43E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	466445.1	3674712	4.39E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	465045.1	3671712	4.38E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL	464783	3675170	4.37E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	464245.1	3674712	4.31E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	466245.1	3671712	4.26E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	463845.1	3674712	4.21E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	464045.1	3674712	4.13E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	466445.1	3671712	4.10E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	463645.1	3674712	4.10E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL	466486.7	3674846	4.06E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL	464700.2	3675012	4.03E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL	466486.7	3675163	4.03E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	465645.1	3671512	4.00E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1272	ALL	463445.1	3674512	3.96E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	465445.1	3671512	3.93E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	466045.1	3671512	3.86E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	466245.1	3671512	3.86E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	465845.1	3671512	3.83E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	465245.1	3671512	3.78E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	463645.1	3674912	3.77E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	463245.1	3674312	3.70E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL	463845.1	3674912	3.65E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL	463445.1	3674712	3.55E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	466445.1	3671512	3.53E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL	464445.1	3675112	3.51E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL	464645.1	3675112	3.49E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL	463645.1	3675112	3.48E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	466045.1	3671312	3.42E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL	464045.1	3674912	3.41E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	466245.1	3671312	3.34E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	465645.1	3671312	3.31E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	463445.1	3674912	3.28E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	463245.1	3674512	3.27E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	465845.1	3671312	3.25E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL	464245.1	3675112	3.20E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL	463845.1	3675112	3.19E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	465445.1	3671312	3.12E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	466445.1	3671312	3.06E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	463045.1	3674512	3.05E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	463245.1	3674712	3.01E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	466045.1	3671112	3.01E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL	463445.1	3675112	2.97E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	466245.1	3671112	2.96E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	466445.1	3671112	2.88E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL	464045.1	3675112	2.88E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	465845.1	3671112	2.83E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL	462893	3674680	2.72E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	463045.1	3674712	2.71E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	463245.1	3674912	2.71E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	465645.1	3671112	2.67E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL	463245.1	3675112	2.66E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	466245.1	3670912	2.65E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL	463237.9	3675184	2.64E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	466045.1	3670912	2.63E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	466445.1	3670912	2.61E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	465845.1	3670912	2.54E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	465645.1	3670912	2.35E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	465611.1	3670894	2.32E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	462220	3675217	1.87E-09	1.83YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Oceanside Blocks 5 and 20 Mixed Use Project - Construction HRA - Chronic Risk

*HARP - HRACalc v22118 12/12/2024 10:39:17 AM - Chronic Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE'	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
22	ALL		464405.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-03
26	ALL		464385.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03
37	ALL		464345.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
27	ALL		464405.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03
274	ALL		464425.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03
1320	ALL		464419.7	3672940	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
41	ALL		464345.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
290	ALL		464425.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
33	ALL		464365.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
38	ALL		464365.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
30	ALL		464385.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
306	ALL		464425.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
46	ALL		464325.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
42	ALL		464365.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
31	ALL		464405.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
34	ALL		464385.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
259	ALL		464425.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
291	ALL		464445.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03
39	ALL		464385.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
275	ALL		464445.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
47	ALL		464345.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
322	ALL		464425.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
307	ALL		464445.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
35	ALL		464405.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
43	ALL		464385.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
48	ALL		464365.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
40	ALL		464405.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
292	ALL		464465.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
260	ALL		464445.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
323	ALL		464445.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
339	ALL		464425.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
276	ALL		464465.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
308	ALL		464465.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
44	ALL		464405.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
13	ALL		464325.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
49	ALL		464385.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
7	ALL		464385.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
357	ALL		464425.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
340	ALL		464445.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
8	ALL		464405.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
17	ALL		464305.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
418	ALL		464325.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
324	ALL		464465.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
29	ALL		464265.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
21	ALL		464305.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
6	ALL		464345.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
419	ALL		464345.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
36	ALL		464245.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
293	ALL		464485.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
50	ALL		464405.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
417	ALL		464305.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
376	ALL		464425.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
32	ALL		464245.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
309	ALL		464485.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
261	ALL		464465.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03

420	ALL	464365.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
244	ALL	464425.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
12	ALL	464305.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
358	ALL	464445.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
277	ALL	464485.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
341	ALL	464465.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
5	ALL	464325.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
25	ALL	464285.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
325	ALL	464485.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
421	ALL	464385.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
395	ALL	464425.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
28	ALL	464245.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
377	ALL	464445.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
245	ALL	464445.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
24	ALL	464265.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
359	ALL	464465.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
294	ALL	464505.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
310	ALL	464505.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
422	ALL	464405.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
342	ALL	464485.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
16	ALL	464285.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
4	ALL	464305.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
20	ALL	464285.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
1317	ALL	464292	3673119	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
262	ALL	464485.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
326	ALL	464505.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
11	ALL	464285.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
396	ALL	464445.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
278	ALL	464505.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
378	ALL	464465.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
338	ALL	464225.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
23	ALL	464245.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
423	ALL	464425.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04
360	ALL	464485.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
246	ALL	464465.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04
448	ALL	464345.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04
321	ALL	464225.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04
447	ALL	464325.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04
343	ALL	464505.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
449	ALL	464365.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04
1319	ALL	464356.2	3672897	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
356	ALL	464225.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04
19	ALL	464265.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
3	ALL	464285.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04
311	ALL	464525.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
450	ALL	464385.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04
446	ALL	464305.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-04
295	ALL	464525.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04
397	ALL	464465.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04
225	ALL	464325.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04
327	ALL	464525.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04
379	ALL	464485.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
15	ALL	464265.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04
424	ALL	464445.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
226	ALL	464345.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
263	ALL	464505.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04
416	ALL	464265.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
361	ALL	464505.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04
224	ALL	464305.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04

305	ALL	464225.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04
10	ALL	464265.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04
451	ALL	464405.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04
18	ALL	464245.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
344	ALL	464525.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
279	ALL	464525.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
247	ALL	464485.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04
45	ALL	464245.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04
398	ALL	464485.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04
445	ALL	464285.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04
2	ALL	464265.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04
425	ALL	464465.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04
452	ALL	464425.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
230	ALL	464425.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
380	ALL	464505.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
312	ALL	464545.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
223	ALL	464285.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04
227	ALL	464365.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-04
229	ALL	464405.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04
328	ALL	464545.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
320	ALL	464205.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
362	ALL	464525.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04
231	ALL	464445.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04
14	ALL	464245.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
337	ALL	464205.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
296	ALL	464545.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
1318	ALL	464232.2	3673080	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04
228	ALL	464385.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04
375	ALL	464225.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
289	ALL	464225.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
345	ALL	464545.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
453	ALL	464445.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
264	ALL	464525.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
9	ALL	464245.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04
304	ALL	464205.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
399	ALL	464505.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04
477	ALL	464345.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
426	ALL	464485.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
248	ALL	464505.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
478	ALL	464365.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
381	ALL	464525.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
222	ALL	464265.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
476	ALL	464325.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
232	ALL	464465.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04
479	ALL	464385.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
280	ALL	464545.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
363	ALL	464545.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
313	ALL	464565.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
329	ALL	464565.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04
454	ALL	464465.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
1	ALL	464245.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04
355	ALL	464205.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
475	ALL	464305.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
480	ALL	464405.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
273	ALL	464225.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
346	ALL	464565.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
297	ALL	464565.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
444	ALL	464265.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
400	ALL	464525.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04

427	ALL	464505.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
202	ALL	464305.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
288	ALL	464205.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
382	ALL	464545.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
481	ALL	464425.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
233	ALL	464485.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
415	ALL	464245.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04
203	ALL	464325.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
201	ALL	464285.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
455	ALL	464485.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
258	ALL	464225.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
265	ALL	464545.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
249	ALL	464525.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
364	ALL	464565.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
319	ALL	464185.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
482	ALL	464445.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
330	ALL	464585.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
314	ALL	464585.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
281	ALL	464565.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
221	ALL	464245.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
474	ALL	464285.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
204	ALL	464345.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
394	ALL	464225.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
428	ALL	464525.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
347	ALL	464585.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
401	ALL	464545.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
336	ALL	464185.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
298	ALL	464585.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
383	ALL	464565.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
456	ALL	464505.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
234	ALL	464505.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
243	ALL	464225.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
483	ALL	464465.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
303	ALL	464185.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
272	ALL	464205.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
200	ALL	464265.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
506	ALL	464345.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
507	ALL	464365.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
365	ALL	464585.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
508	ALL	464385.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04
374	ALL	464205.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
505	ALL	464325.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
250	ALL	464545.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
331	ALL	464605.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
266	ALL	464565.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
287	ALL	464185.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
509	ALL	464405.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
484	ALL	464485.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
205	ALL	464365.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
429	ALL	464545.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
282	ALL	464585.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
402	ALL	464565.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
315	ALL	464605.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
209	ALL	464445.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
348	ALL	464605.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
384	ALL	464585.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
457	ALL	464525.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
208	ALL	464425.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
257	ALL	464205.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04

510	ALL	464425.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
220	ALL	464225.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
504	ALL	464305.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
210	ALL	464465.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
235	ALL	464525.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
199	ALL	464245.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
473	ALL	464265.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
443	ALL	464245.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
366	ALL	464605.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
299	ALL	464605.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
354	ALL	464185.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
207	ALL	464405.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
206	ALL	464385.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
271	ALL	464185.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
511	ALL	464445.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
485	ALL	464505.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
242	ALL	464205.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
430	ALL	464565.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
403	ALL	464585.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
181	ALL	464305.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
211	ALL	464485.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
414	ALL	464225.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
458	ALL	464545.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
180	ALL	464285.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
385	ALL	464605.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
267	ALL	464585.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
512	ALL	464465.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
251	ALL	464565.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
302	ALL	464165.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
198	ALL	464225.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
256	ALL	464185.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
318	ALL	464165.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
219	ALL	464205.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
283	ALL	464605.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
503	ALL	464285.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
286	ALL	464165.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
182	ALL	464325.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
236	ALL	464545.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
486	ALL	464525.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
179	ALL	464265.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
536	ALL	464365.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
212	ALL	464505.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
431	ALL	464585.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
404	ALL	464605.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
393	ALL	464205.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
535	ALL	464345.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
241	ALL	464185.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
537	ALL	464385.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
270	ALL	464165.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
513	ALL	464485.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
459	ALL	464565.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
335	ALL	464165.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
538	ALL	464405.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
534	ALL	464325.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
197	ALL	464205.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
178	ALL	464245.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
218	ALL	464185.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
255	ALL	464165.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
487	ALL	464545.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04

539	ALL	464425.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
268	ALL	464605.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
183	ALL	464345.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
252	ALL	464585.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
789	ALL	464645.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
514	ALL	464505.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
373	ALL	464185.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
472	ALL	464245.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
213	ALL	464525.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
177	ALL	464225.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
432	ALL	464605.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
533	ALL	464305.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
237	ALL	464565.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
795	ALL	464645.1	3673062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
540	ALL	464445.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
460	ALL	464585.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
240	ALL	464165.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
502	ALL	464265.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
285	ALL	464145.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
442	ALL	464225.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
269	ALL	464145.1	3672952	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
488	ALL	464565.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
515	ALL	464525.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
541	ALL	464465.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
301	ALL	464145.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
176	ALL	464205.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
353	ALL	464165.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
184	ALL	464365.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
254	ALL	464145.1	3672932	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
461	ALL	464605.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
214	ALL	464545.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
783	ALL	464645.1	3672962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
253	ALL	464605.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
413	ALL	464205.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
189	ALL	464465.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
532	ALL	464285.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
188	ALL	464445.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
516	ALL	464545.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
317	ALL	464145.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
489	ALL	464585.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
565	ALL	464365.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
542	ALL	464485.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
238	ALL	464585.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
566	ALL	464385.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
190	ALL	464485.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
160	ALL	464305.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
564	ALL	464345.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
567	ALL	464405.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
187	ALL	464425.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
157	ALL	464245.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
185	ALL	464385.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
158	ALL	464265.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
801	ALL	464645.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
156	ALL	464225.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
543	ALL	464505.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
159	ALL	464285.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
568	ALL	464425.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
186	ALL	464405.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
563	ALL	464325.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04

191	ALL	464505.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
517	ALL	464565.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
392	ALL	464185.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
284	ALL	464125.1	3672972	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
215	ALL	464565.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
490	ALL	464605.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
161	ALL	464325.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
501	ALL	464245.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
569	ALL	464445.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
334	ALL	464145.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
544	ALL	464525.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
562	ALL	464305.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
471	ALL	464225.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
300	ALL	464125.1	3672992	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
192	ALL	464525.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
239	ALL	464605.1	3672892	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
518	ALL	464585.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
570	ALL	464465.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
531	ALL	464265.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
796	ALL	464695.1	3673062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
372	ALL	464165.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
790	ALL	464695.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
545	ALL	464545.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
441	ALL	464205.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1357	ALL	464121.2	3672996	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
162	ALL	464345.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
216	ALL	464585.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
193	ALL	464545.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
519	ALL	464605.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
571	ALL	464485.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
546	ALL	464565.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
595	ALL	464385.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
316	ALL	464125.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
561	ALL	464285.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
594	ALL	464365.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
596	ALL	464405.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
352	ALL	464145.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
777	ALL	464645.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
412	ALL	464185.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
593	ALL	464345.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
1358	ALL	464107.5	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
572	ALL	464505.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
802	ALL	464695.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
597	ALL	464425.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
137	ALL	464245.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
547	ALL	464585.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
784	ALL	464695.1	3672962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
807	ALL	464645.1	3673162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
163	ALL	464365.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
592	ALL	464325.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
194	ALL	464565.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
573	ALL	464525.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
138	ALL	464265.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
598	ALL	464445.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
217	ALL	464605.1	3672872	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
530	ALL	464245.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
500	ALL	464225.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
169	ALL	464485.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
599	ALL	464465.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04

548	ALL	464605.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
574	ALL	464545.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
168	ALL	464465.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
139	ALL	464285.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
391	ALL	464165.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
591	ALL	464305.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
170	ALL	464505.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
560	ALL	464265.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
333	ALL	464125.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
164	ALL	464385.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
140	ALL	464305.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
167	ALL	464445.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
470	ALL	464205.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
195	ALL	464585.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
575	ALL	464565.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
797	ALL	464745.1	3673062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
171	ALL	464525.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
600	ALL	464485.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
166	ALL	464425.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
165	ALL	464405.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
141	ALL	464325.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
624	ALL	464385.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
440	ALL	464185.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
371	ALL	464145.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
791	ALL	464745.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
625	ALL	464405.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
623	ALL	464365.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
590	ALL	464285.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
576	ALL	464585.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
601	ALL	464505.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
172	ALL	464545.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
626	ALL	464425.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
622	ALL	464345.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
808	ALL	464695.1	3673162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
602	ALL	464525.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
803	ALL	464745.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
196	ALL	464605.1	3672852	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
627	ALL	464445.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
577	ALL	464605.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
118	ALL	464245.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
142	ALL	464345.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
621	ALL	464325.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
411	ALL	464165.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
173	ALL	464565.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
529	ALL	464225.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
559	ALL	464245.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
603	ALL	464545.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
628	ALL	464465.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
119	ALL	464265.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
351	ALL	464125.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
778	ALL	464695.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
620	ALL	464305.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
499	ALL	464205.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
604	ALL	464565.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
589	ALL	464265.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
785	ALL	464745.1	3672962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
174	ALL	464585.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
629	ALL	464485.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
390	ALL	464145.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04

143	ALL	464365.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
814	ALL	464645.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
469	ALL	464185.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
332	ALL	464105.1	3673032	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
771	ALL	464645.1	3672862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
120	ALL	464285.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
605	ALL	464585.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
630	ALL	464505.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
653	ALL	464385.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
654	ALL	464405.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
652	ALL	464365.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
619	ALL	464285.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
655	ALL	464425.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
439	ALL	464165.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
150	ALL	464505.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
149	ALL	464485.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
631	ALL	464525.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
798	ALL	464795.1	3673062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
606	ALL	464605.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
651	ALL	464345.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
809	ALL	464745.1	3673162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
175	ALL	464605.1	3672832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
151	ALL	464525.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
144	ALL	464385.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
656	ALL	464445.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
121	ALL	464305.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
148	ALL	464465.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
370	ALL	464125.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
152	ALL	464545.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
558	ALL	464225.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
792	ALL	464795.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
632	ALL	464545.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
650	ALL	464325.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
804	ALL	464795.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
588	ALL	464245.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
147	ALL	464445.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
122	ALL	464325.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
145	ALL	464405.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
528	ALL	464205.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
657	ALL	464465.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
410	ALL	464145.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
633	ALL	464565.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
153	ALL	464565.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
146	ALL	464425.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
649	ALL	464305.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
815	ALL	464695.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
618	ALL	464265.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
658	ALL	464485.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
498	ALL	464185.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
350	ALL	464105.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
634	ALL	464585.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
123	ALL	464345.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
100	ALL	464265.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
659	ALL	464505.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
154	ALL	464585.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
779	ALL	464745.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
468	ALL	464165.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
683	ALL	464405.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
684	ALL	464425.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04

660	ALL	464525.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
681	ALL	464365.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
786	ALL	464795.1	3672962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
682	ALL	464385.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
635	ALL	464605.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
648	ALL	464285.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
389	ALL	464125.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
810	ALL	464795.1	3673162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
680	ALL	464345.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
101	ALL	464285.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
155	ALL	464605.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
661	ALL	464545.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
438	ALL	464145.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
587	ALL	464225.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
124	ALL	464365.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
685	ALL	464445.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
772	ALL	464695.1	3672862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
679	ALL	464325.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
557	ALL	464205.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
617	ALL	464245.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
662	ALL	464565.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
799	ALL	464845.1	3673062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
686	ALL	464465.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
816	ALL	464745.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
805	ALL	464845.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
687	ALL	464485.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
132	ALL	464525.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
527	ALL	464185.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
647	ALL	464265.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
131	ALL	464505.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
663	ALL	464585.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
102	ALL	464305.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
133	ALL	464545.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
125	ALL	464385.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
678	ALL	464305.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
369	ALL	464105.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
688	ALL	464505.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
793	ALL	464845.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
130	ALL	464485.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
409	ALL	464125.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
134	ALL	464565.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
497	ALL	464165.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
689	ALL	464525.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
664	ALL	464605.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
822	ALL	464645.1	3673262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
838	ALL	464395.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
349	ALL	464085.1	3673052	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
129	ALL	464465.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
103	ALL	464325.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
126	ALL	464405.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05
135	ALL	464585.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-05
467	ALL	464145.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05
690	ALL	464545.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
765	ALL	464645.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05
677	ALL	464285.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-05
811	ALL	464845.1	3673162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-05
128	ALL	464445.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05
837	ALL	464345.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05
127	ALL	464425.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-05

616	ALL	464225.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05
839	ALL	464445.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05
780	ALL	464795.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-05
586	ALL	464205.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05
691	ALL	464565.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05
136	ALL	464605.1	3672792	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05
104	ALL	464345.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-05
646	ALL	464245.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05
817	ALL	464795.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05
692	ALL	464585.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
787	ALL	464845.1	3672962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05
437	ALL	464125.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05
556	ALL	464185.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05
83	ALL	464285.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-05
823	ALL	464695.1	3673262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
388	ALL	464105.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
840	ALL	464495.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05
676	ALL	464265.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
773	ALL	464745.1	3672862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05
693	ALL	464605.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05
105	ALL	464365.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05
800	ALL	464895.1	3673062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-05
526	ALL	464165.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-05
806	ALL	464895.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05
368	ALL	464085.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-05
496	ALL	464145.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05
836	ALL	464295.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05
841	ALL	464545.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-05
84	ALL	464305.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-05
794	ALL	464895.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05
114	ALL	464545.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-05
106	ALL	464385.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
615	ALL	464205.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05
645	ALL	464225.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
113	ALL	464525.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
115	ALL	464565.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05
466	ALL	464125.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
818	ALL	464845.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-05
812	ALL	464895.1	3673162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-05
824	ALL	464745.1	3673262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05
112	ALL	464505.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05
116	ALL	464585.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05
675	ALL	464245.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05
408	ALL	464105.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05
585	ALL	464185.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-05
842	ALL	464595.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05
766	ALL	464695.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05
111	ALL	464485.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-05
117	ALL	464605.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05
85	ALL	464325.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05
107	ALL	464405.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05
781	ALL	464845.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05
555	ALL	464165.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05
110	ALL	464465.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
108	ALL	464425.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05
436	ALL	464105.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-05
109	ALL	464445.1	3672772	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05
525	ALL	464145.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05
387	ALL	464085.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05

788	ALL	464895.1	3672962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05
86	ALL	464345.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-05
774	ALL	464795.1	3672862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05
495	ALL	464125.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05
825	ALL	464795.1	3673262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-05
644	ALL	464205.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
367	ALL	464065.1	3673072	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
674	ALL	464225.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05
1066	ALL	464945.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05
87	ALL	464365.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
843	ALL	464645.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
819	ALL	464895.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05
614	ALL	464185.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05
835	ALL	464245.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05
465	ALL	464105.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-05
67	ALL	464305.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-05
1060	ALL	464945.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-05
584	ALL	464165.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-05
88	ALL	464385.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-05
407	ALL	464085.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
97	ALL	464565.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05
759	ALL	464645.1	3672762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05
860	ALL	464445.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05
98	ALL	464585.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05
96	ALL	464545.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05
554	ALL	464145.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05
858	ALL	464345.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
767	ALL	464745.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
826	ALL	464845.1	3673262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05
859	ALL	464395.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
95	ALL	464525.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
844	ALL	464695.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
99	ALL	464605.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05
524	ALL	464125.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05
861	ALL	464495.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05
89	ALL	464405.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-05
68	ALL	464325.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05
94	ALL	464505.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05
673	ALL	464205.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-05
386	ALL	464065.1	3673092	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-05
782	ALL	464895.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-05
494	ALL	464105.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05
643	ALL	464185.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05
435	ALL	464085.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05
862	ALL	464545.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05
775	ALL	464845.1	3672862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05
93	ALL	464485.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-05
90	ALL	464425.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05
1072	ALL	464945.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-05
613	ALL	464165.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
92	ALL	464465.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05
91	ALL	464445.1	3672752	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05
69	ALL	464345.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-05
845	ALL	464745.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
857	ALL	464295.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05
760	ALL	464695.1	3672762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
583	ALL	464145.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05
827	ALL	464895.1	3673262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-05
464	ALL	464085.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-05

70	ALL	464365.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-05
553	ALL	464125.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05
863	ALL	464595.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-05
51	ALL	464305.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-05
406	ALL	464065.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-05
523	ALL	464105.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05
768	ALL	464795.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-05
672	ALL	464185.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-05
71	ALL	464385.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05
846	ALL	464795.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-05
81	ALL	464585.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
642	ALL	464165.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
493	ALL	464085.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05
80	ALL	464565.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05
82	ALL	464605.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05
79	ALL	464545.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05
834	ALL	464195.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-05
1054	ALL	464945.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05
52	ALL	464325.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-05
72	ALL	464405.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05
612	ALL	464145.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-05
864	ALL	464645.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-05
434	ALL	464065.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
78	ALL	464525.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05
776	ALL	464895.1	3672862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-05
582	ALL	464125.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-05
77	ALL	464505.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
73	ALL	464425.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
856	ALL	464245.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05
552	ALL	464105.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05
847	ALL	464845.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05
1067	ALL	465045.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05
53	ALL	464345.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05
76	ALL	464485.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05
74	ALL	464445.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05
522	ALL	464085.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05
75	ALL	464465.1	3672732	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05
405	ALL	464045.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05
671	ALL	464165.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05
463	ALL	464065.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05
761	ALL	464745.1	3672762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05
769	ALL	464845.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05
865	ALL	464695.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-05
1061	ALL	465045.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
883	ALL	464495.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
641	ALL	464145.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05
882	ALL	464445.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05
54	ALL	464365.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05
880	ALL	464345.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05
55	ALL	464385.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-05
881	ALL	464395.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05
848	ALL	464895.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05
884	ALL	464545.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05
611	ALL	464125.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-05
492	ALL	464065.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05
1073	ALL	465045.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05
581	ALL	464105.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05
433	ALL	464045.1	3673132	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05
65	ALL	464585.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-05

66	ALL	464605.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-05
866	ALL	464745.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05
551	ALL	464085.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05
56	ALL	464405.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05
753	ALL	464645.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-05
64	ALL	464565.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05
63	ALL	464545.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05
879	ALL	464295.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
885	ALL	464595.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
670	ALL	464145.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-05
521	ALL	464065.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05
57	ALL	464425.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
62	ALL	464525.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
762	ALL	464795.1	3672762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05
754	ALL	464695.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
1078	ALL	464945.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05
462	ALL	464045.1	3673152	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05
640	ALL	464125.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05
770	ALL	464895.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-05
867	ALL	464795.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05
61	ALL	464505.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05
58	ALL	464445.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05
855	ALL	464195.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
610	ALL	464105.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
60	ALL	464485.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
59	ALL	464465.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
580	ALL	464085.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05
886	ALL	464645.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
550	ALL	464065.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
1356	ALL	464021.3	3673126	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
491	ALL	464045.1	3673172	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05
833	ALL	464145.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05
755	ALL	464745.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05
868	ALL	464845.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05
1055	ALL	465045.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05
878	ALL	464245.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05
669	ALL	464125.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05
763	ALL	464845.1	3672762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05
887	ALL	464695.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
639	ALL	464105.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
520	ALL	464045.1	3673192	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
609	ALL	464085.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
1068	ALL	465145.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
579	ALL	464065.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05
1048	ALL	464945.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05
869	ALL	464895.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-05
906	ALL	464495.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
1079	ALL	465045.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-05
905	ALL	464445.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
1074	ALL	465145.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05
907	ALL	464545.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05
549	ALL	464045.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05
904	ALL	464395.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-05
888	ALL	464745.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05
1062	ALL	465145.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-05
668	ALL	464105.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
903	ALL	464345.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05
908	ALL	464595.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05
638	ALL	464085.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05

741	ALL	464345.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
764	ALL	464895.1	3672762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
608	ALL	464065.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05
756	ALL	464795.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05
902	ALL	464295.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05
578	ALL	464045.1	3673232	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05
877	ALL	464195.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-05
889	ALL	464795.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05
909	ALL	464645.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
854	ALL	464145.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
667	ALL	464085.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05
637	ALL	464065.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05
1080	ALL	465145.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05
747	ALL	464645.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05
742	ALL	464395.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
748	ALL	464695.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
607	ALL	464045.1	3673252	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
832	ALL	464095.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
910	ALL	464695.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
890	ALL	464845.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
757	ALL	464845.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
746	ALL	464595.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
901	ALL	464245.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
749	ALL	464745.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05
1056	ALL	465145.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
1069	ALL	465245.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-05
743	ALL	464445.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05
1075	ALL	465245.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05
1049	ALL	465045.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05
666	ALL	464065.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
745	ALL	464545.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
636	ALL	464045.1	3673272	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
891	ALL	464895.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
911	ALL	464745.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05
744	ALL	464495.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05
929	ALL	464495.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05
928	ALL	464445.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05
750	ALL	464795.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05
930	ALL	464545.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
758	ALL	464895.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
1084	ALL	464945.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05
927	ALL	464395.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05
1063	ALL	465245.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05
931	ALL	464595.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05
926	ALL	464345.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
876	ALL	464145.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
1081	ALL	465245.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
900	ALL	464195.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
813	ALL	463995.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
932	ALL	464645.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
665	ALL	464045.1	3673292	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
912	ALL	464795.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05
1085	ALL	465045.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05
853	ALL	464095.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
1042	ALL	464945.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05
925	ALL	464295.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
933	ALL	464695.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
831	ALL	464045.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
751	ALL	464845.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05

924	ALL	464245.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
913	ALL	464845.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
1076	ALL	465345.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
1070	ALL	465345.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05
1086	ALL	465145.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
1057	ALL	465245.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
1050	ALL	465145.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05
934	ALL	464745.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05
914	ALL	464895.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05
821	ALL	463995.1	3673262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
1082	ALL	465345.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
752	ALL	464895.1	3672662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
736	ALL	464695.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
737	ALL	464745.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
899	ALL	464145.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
730	ALL	464395.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
953	ALL	464495.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
1064	ALL	465345.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05
954	ALL	464545.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05
955	ALL	464595.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05
735	ALL	464645.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05
951	ALL	464395.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
952	ALL	464445.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
738	ALL	464795.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05
923	ALL	464195.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
1087	ALL	465245.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
956	ALL	464645.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
875	ALL	464095.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
935	ALL	464795.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
950	ALL	464345.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
734	ALL	464595.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
731	ALL	464445.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
1043	ALL	465045.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
732	ALL	464495.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
852	ALL	464045.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
957	ALL	464695.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
739	ALL	464845.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
733	ALL	464545.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
830	ALL	463995.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
1077	ALL	465445.1	3673212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
936	ALL	464845.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
949	ALL	464295.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
1071	ALL	465445.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
948	ALL	464245.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
1088	ALL	465345.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
1083	ALL	465445.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
958	ALL	464745.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
937	ALL	464895.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
922	ALL	464145.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
1058	ALL	465345.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
1065	ALL	465445.1	3673012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
1051	ALL	465245.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
740	ALL	464895.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
1090	ALL	464945.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
898	ALL	464095.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
820	ALL	463945.1	3673262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
979	ALL	464595.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
947	ALL	464195.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
959	ALL	464795.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05

978	ALL	464545.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
975	ALL	464395.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
977	ALL	464495.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
976	ALL	464445.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
980	ALL	464645.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
874	ALL	464045.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
1091	ALL	465045.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
974	ALL	464345.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
1036	ALL	464945.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
1089	ALL	465445.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
851	ALL	463995.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
1044	ALL	465145.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
727	ALL	464795.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
981	ALL	464695.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
726	ALL	464745.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
725	ALL	464695.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
1092	ALL	465145.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
960	ALL	464845.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05
728	ALL	464845.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05
982	ALL	464745.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
973	ALL	464295.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
724	ALL	464645.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
946	ALL	464145.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
1059	ALL	465445.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
729	ALL	464895.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
720	ALL	464445.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
829	ALL	463945.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
921	ALL	464095.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
961	ALL	464895.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
1093	ALL	465245.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
721	ALL	464495.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
723	ALL	464595.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
722	ALL	464545.1	3672562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
972	ALL	464245.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
983	ALL	464795.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
1094	ALL	465345.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
971	ALL	464195.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
1052	ALL	465345.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
897	ALL	464045.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
1037	ALL	465045.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
873	ALL	463995.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
850	ALL	463945.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
1228	ALL	465645.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
984	ALL	464845.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
1233	ALL	465645.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
1045	ALL	465245.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
1095	ALL	465445.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
970	ALL	464145.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
945	ALL	464095.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
985	ALL	464895.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
718	ALL	464845.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
717	ALL	464795.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
920	ALL	464045.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
828	ALL	463895.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
1339	ALL	465079.6	3673598	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
719	ALL	464895.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
1097	ALL	464945.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
716	ALL	464745.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
1053	ALL	465445.1	3672812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05

896	ALL	463995.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
1038	ALL	465145.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
872	ALL	463945.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
1030	ALL	464945.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
715	ALL	464695.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
1098	ALL	465045.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05
714	ALL	464645.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
1099	ALL	465145.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
969	ALL	464095.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
712	ALL	464545.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
1223	ALL	465645.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
711	ALL	464495.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
1111	ALL	464445.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
1112	ALL	464545.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
1238	ALL	465645.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
1113	ALL	464645.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
713	ALL	464595.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
1110	ALL	464345.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
1046	ALL	465345.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
944	ALL	464045.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05
849	ALL	463895.1	3673362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
1100	ALL	465245.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
1114	ALL	464745.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
1229	ALL	465845.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
1101	ALL	465345.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05
895	ALL	463945.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
919	ALL	463995.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
1031	ALL	465045.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
1115	ALL	464845.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05
1234	ALL	465845.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05
1039	ALL	465245.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05
1102	ALL	465445.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05
709	ALL	464845.1	3672462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
710	ALL	464895.1	3672462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
1340	ALL	464824.4	3673729	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
1109	ALL	464245.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05
708	ALL	464795.1	3672462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
871	ALL	463895.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
968	ALL	464045.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
1108	ALL	464145.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
707	ALL	464745.1	3672462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
1047	ALL	465445.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
1239	ALL	465845.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
943	ALL	463995.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
706	ALL	464695.1	3672462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
918	ALL	463945.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
894	ALL	463895.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
702	ALL	464495.1	3672462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
1032	ALL	465145.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
705	ALL	464645.1	3672462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
704	ALL	464595.1	3672462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
1224	ALL	465845.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05
703	ALL	464545.1	3672462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05
1040	ALL	465345.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05
1230	ALL	466045.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05
870	ALL	463845.1	3673412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05
967	ALL	463995.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05
1116	ALL	465145.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
1130	ALL	464745.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05

701	ALL	464895.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
1126	ALL	464345.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
1024	ALL	464945.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
1235	ALL	466045.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
700	ALL	464845.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
917	ALL	463895.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
1127	ALL	464445.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
1129	ALL	464645.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
699	ALL	464795.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
1025	ALL	465045.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
1033	ALL	465245.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
942	ALL	463945.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
1117	ALL	465245.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
1128	ALL	464545.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
1240	ALL	466045.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
1218	ALL	465645.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
1107	ALL	464045.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
1341	ALL	464810.6	3673901	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
1225	ALL	466045.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
1118	ALL	465345.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05
698	ALL	464745.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05
1119	ALL	465445.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
1041	ALL	465445.1	3672612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05
893	ALL	463845.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05
1124	ALL	464145.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05
697	ALL	464695.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
1243	ALL	465645.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
1125	ALL	464245.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
695	ALL	464595.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
696	ALL	464645.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05
941	ALL	463895.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
694	ALL	464545.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
916	ALL	463845.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-06
1359	ALL	464528.6	3672407	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-06
1244	ALL	465845.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-06
1349	ALL	464231.2	3673825	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-06
966	ALL	463945.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-06
1034	ALL	465345.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-06
1026	ALL	465145.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-06
1231	ALL	466245.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-06
1348	ALL	464472.6	3673873	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-06
1236	ALL	466245.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-06
892	ALL	463795.1	3673462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-06
1245	ALL	466045.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06
1131	ALL	465145.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-06
1241	ALL	466245.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-06
1342	ALL	464769.2	3673949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-06
1219	ALL	465845.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-06
1123	ALL	464045.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-06
940	ALL	463845.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-06
1140	ALL	464745.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-06
1027	ALL	465245.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-06
1132	ALL	465245.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-06
1035	ALL	465445.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-06
965	ALL	463895.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-06
1226	ALL	466245.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06
1106	ALL	463945.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-06
1138	ALL	464545.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-06
915	ALL	463795.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-06

1137	ALL	464145.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-06
1246	ALL	466245.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-06
1133	ALL	465345.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-06
1227	ALL	466445.1	3672912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-06
1220	ALL	466045.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-06
1019	ALL	465045.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-06
1139	ALL	464645.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-06
1018	ALL	464945.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-06
1232	ALL	466445.1	3673112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-06
1134	ALL	465445.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-06
1237	ALL	466445.1	3673312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-06
1020	ALL	465145.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-06
1028	ALL	465345.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-06
1347	ALL	464520.9	3673942	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-06
1017	ALL	464845.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-06
1242	ALL	466445.1	3673512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-06
964	ALL	463845.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-06
939	ALL	463795.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-06
1141	ALL	465145.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-06
1136	ALL	464045.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-06
1247	ALL	466445.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-06
1016	ALL	464745.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-06
1122	ALL	463945.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-06
1142	ALL	465245.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-06
1213	ALL	465645.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-06
1029	ALL	465445.1	3672412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-06
1343	ALL	464651.9	3674025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-06
1015	ALL	464645.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-06
963	ALL	463795.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-06
938	ALL	463745.1	3673562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06
1221	ALL	466245.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-06
1148	ALL	464145.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-06
1021	ALL	465245.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-06
1143	ALL	465345.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-06
1222	ALL	466445.1	3672712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-06
1215	ALL	466045.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-06
1150	ALL	464645.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-06
1144	ALL	465445.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-06
1250	ALL	466045.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-06
1251	ALL	466245.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-06
1105	ALL	463845.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-06
1214	ALL	465845.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-06
1149	ALL	464545.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-06
1249	ALL	465845.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-06
1252	ALL	466445.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-06
1151	ALL	465145.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-06
1248	ALL	465645.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-06
1022	ALL	465345.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-06
1355	ALL	463703.9	3673572	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-06
962	ALL	463745.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-06
1352	ALL	464100.1	3674046	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-06
1010	ALL	465045.1	3672212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-06
1011	ALL	465145.1	3672212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-06
1354	ALL	463658.9	3673555	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-06
1152	ALL	465245.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-06
1216	ALL	466245.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-06
1009	ALL	464945.1	3672212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-06
1023	ALL	465445.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-06
1346	ALL	464424.3	3674253	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-06

1135	ALL	463945.1	3673912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-06
1153	ALL	465345.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-06
1344	ALL	464520.9	3674246	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-06
1008	ALL	464845.1	3672212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-06
1121	ALL	463845.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-06
1007	ALL	464745.1	3672212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-06
1163	ALL	465145.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-06
1154	ALL	465445.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-06
1104	ALL	463745.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-06
1096	ALL	463645.1	3673612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-06
1161	ALL	464145.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-06
1012	ALL	465245.1	3672212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-06
1162	ALL	464545.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-06
1350	ALL	464210.5	3674094	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-06
1217	ALL	466445.1	3672512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-06
1345	ALL	464479.5	3674287	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-06
1164	ALL	465245.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-06
1013	ALL	465345.1	3672212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-06
1351	ALL	464141.5	3674170	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-06
1165	ALL	465345.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-06
1208	ALL	465645.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-06
1003	ALL	465145.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-06
1210	ALL	466045.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-06
1014	ALL	465445.1	3672212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-06
1166	ALL	465445.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-06
1257	ALL	466445.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-06
1002	ALL	465045.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-06
1103	ALL	463645.1	3673712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-06
1120	ALL	463745.1	3673812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-06
1256	ALL	466245.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-06
1004	ALL	465245.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06
1253	ALL	465645.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-06
1209	ALL	465845.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-06
1001	ALL	464945.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-06
1211	ALL	466245.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-06
1255	ALL	466045.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-06
1254	ALL	465845.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-06
1000	ALL	464845.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-06
1353	ALL	463555.2	3673701	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-06
1338	ALL	465093.4	3674315	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-06
1212	ALL	466445.1	3672312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-06
999	ALL	464745.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-06
1325	ALL	464058.7	3674253	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-06
1005	ALL	465345.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06
1361	ALL	462213.6	3670882	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-06
1263	ALL	465245.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-06
1006	ALL	465445.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-06
996	ALL	465245.1	3672012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-06
995	ALL	465145.1	3672012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-06
1262	ALL	464045.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06
1337	ALL	464872.7	3674543	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-06
1160	ALL	463845.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06
994	ALL	465045.1	3672012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06
1264	ALL	465445.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06
1326	ALL	464334.6	3674522	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06
1205	ALL	466045.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06
1203	ALL	465645.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-06
1277	ALL	465045.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-06
993	ALL	464945.1	3672012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-06

1265	ALL	465645.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-06
1206	ALL	466245.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-06
997	ALL	465345.1	3672012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-06
1336	ALL	464776.1	3674598	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-06
992	ALL	464845.1	3672012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06
1269	ALL	466445.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06
998	ALL	465445.1	3672012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-06
1266	ALL	465845.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-06
1278	ALL	465245.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-06
1324	ALL	463644.9	3673956	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-06
1268	ALL	466245.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-06
1204	ALL	465845.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-06
1267	ALL	466045.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-06
990	ALL	465345.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-06
989	ALL	465245.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-06
1261	ALL	463845.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-06
1292	ALL	464445.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-06
1159	ALL	463745.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-06
988	ALL	465145.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06
1327	ALL	464479.5	3674687	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-06
1147	ALL	463645.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-06
991	ALL	465445.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-06
1207	ALL	466445.1	3672112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-06
1279	ALL	465445.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-06
1323	ALL	463465.5	3673915	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06
987	ALL	465045.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06
1297	ALL	465845.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-06
1335	ALL	464969.2	3674784	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-06
986	ALL	464945.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-06
1200	ALL	466045.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-06
1280	ALL	465645.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-06
1274	ALL	463845.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-06
1146	ALL	463545.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-06
1158	ALL	463645.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-06
1198	ALL	465645.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06
1281	ALL	465845.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-06
1276	ALL	464245.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-06
1282	ALL	466045.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-06
1199	ALL	465845.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-06
1145	ALL	463445.1	3674012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06
1283	ALL	466245.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-06
1328	ALL	464707.1	3674887	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06
1284	ALL	466445.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06
1275	ALL	464045.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-06
1294	ALL	465245.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-06
1295	ALL	465445.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-06
1201	ALL	466245.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-06
1157	ALL	463545.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-06
1192	ALL	465445.1	3671712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-06
1193	ALL	465645.1	3671712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-06
1293	ALL	465045.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-06
1260	ALL	463645.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06
1306	ALL	464245.1	3674912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-06
1296	ALL	465645.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-06
1191	ALL	465245.1	3671712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06
1194	ALL	465845.1	3671712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06
1156	ALL	463445.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-06
1202	ALL	466445.1	3671912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06
1334	ALL	465134.8	3674860	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-06

1307	ALL	464445.1	3674912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-06
1298	ALL	466045.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06
1273	ALL	463645.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-06
1195	ALL	466045.1	3671712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06
1333	ALL	465638.3	3674846	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06
1308	ALL	464645.1	3674912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-06
1155	ALL	463345.1	3674112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-06
1299	ALL	466245.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06
1259	ALL	463445.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06
1300	ALL	466445.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-06
1190	ALL	465045.1	3671712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06
1330	ALL	464783	3675170	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-06
1291	ALL	464245.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06
1196	ALL	466245.1	3671712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-06
1289	ALL	463845.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06
1290	ALL	464045.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-06
1197	ALL	466445.1	3671712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06
1288	ALL	463645.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-06
1332	ALL	466486.7	3674846	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-06
1329	ALL	464700.2	3675012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-06
1331	ALL	466486.7	3675163	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-06
1185	ALL	465645.1	3671512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-06
1272	ALL	463445.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06
1184	ALL	465445.1	3671512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-06
1187	ALL	466045.1	3671512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-06
1188	ALL	466245.1	3671512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-06
1186	ALL	465845.1	3671512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-06
1183	ALL	465245.1	3671512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06
1303	ALL	463645.1	3674912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-06
1258	ALL	463245.1	3674312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-06
1304	ALL	463845.1	3674912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06
1287	ALL	463445.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-06
1189	ALL	466445.1	3671512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-06
1315	ALL	464445.1	3675112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06
1316	ALL	464645.1	3675112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-06
1311	ALL	463645.1	3675112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06
1180	ALL	466045.1	3671312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06
1305	ALL	464045.1	3674912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-06
1181	ALL	466245.1	3671312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06
1178	ALL	465645.1	3671312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-06
1302	ALL	463445.1	3674912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-06
1271	ALL	463245.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06
1179	ALL	465845.1	3671312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-06
1314	ALL	464245.1	3675112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06
1312	ALL	463845.1	3675112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-06
1177	ALL	465445.1	3671312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-06
1182	ALL	466445.1	3671312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-06
1270	ALL	463045.1	3674512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06
1286	ALL	463245.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06
1174	ALL	466045.1	3671112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06
1310	ALL	463445.1	3675112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06
1175	ALL	466245.1	3671112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-06
1176	ALL	466445.1	3671112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06
1313	ALL	464045.1	3675112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-06
1173	ALL	465845.1	3671112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06
1322	ALL	462893	3674680	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06
1285	ALL	463045.1	3674712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-06
1301	ALL	463245.1	3674912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06
1172	ALL	465645.1	3671112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-06

1309	ALL	463245.1	3675112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06
1170	ALL	466245.1	3670912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06
1321	ALL	463237.9	3675184	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-06
1169	ALL	466045.1	3670912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-06
1171	ALL	466445.1	3670912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-06
1168	ALL	465845.1	3670912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06
1167	ALL	465645.1	3670912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-06
1360	ALL	465611.1	3670894	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06
1362	ALL	462220	3675217	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-06

Oceanside Blocks 5 and 20 Mixed Use Project - Railroad HRA - Cancer Risk

*HARP - HRACalc v22118 4/25/2024 9:40:40 AM - Cancer Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
22	ALL		464378.9	3672959	6.12E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		464368.9	3672969	5.88E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		464388.9	3672939	5.84E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		464348.9	3672999	5.80E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		464298.9	3673069	5.77E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		464318.9	3673039	5.70E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		464328.9	3673029	5.69E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		464378.9	3672949	5.69E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		464358.9	3672979	5.66E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		464288.9	3673079	5.60E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		464308.9	3673049	5.56E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		464368.9	3672959	5.53E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		464348.9	3672989	5.49E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		464388.9	3672929	5.46E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		464298.9	3673059	5.42E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		464278.9	3673089	5.41E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		464358.9	3672969	5.36E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		464378.9	3672939	5.35E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		464318.9	3673029	5.32E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		464288.9	3673069	5.29E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		464308.9	3673039	5.28E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		464368.9	3672949	5.25E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		464348.9	3672979	5.24E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		464278.9	3673079	5.18E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		464298.9	3673049	5.14E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		464358.9	3672959	5.13E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		464378.9	3672929	5.09E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		464338.9	3672989	5.08E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		464308.9	3673029	5.07E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		464288.9	3673059	5.04E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		464348.9	3672969	5.03E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		464368.9	3672939	5.02E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		464318.9	3673019	5.01E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		464278.9	3673069	4.95E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		464298.9	3673039	4.95E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		464338.9	3672979	4.93E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		464358.9	3672949	4.93E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		464308.9	3673019	4.90E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		464378.9	3672919	4.89E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		464268.9	3673079	4.88E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		464348.9	3672959	4.85E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		464288.9	3673049	4.83E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		464368.9	3672929	4.83E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		464328.9	3672989	4.81E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		464298.9	3673029	4.79E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		464338.9	3672969	4.77E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		464358.9	3672939	4.76E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		464278.9	3673059	4.76E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		464268.9	3673069	4.71E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		464328.9	3672979	4.69E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		464348.9	3672949	4.69E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		464288.9	3673039	4.68E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		464368.9	3672919	4.67E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		464298.9	3673019	4.66E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		464338.9	3672959	4.62E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		464358.9	3672929	4.62E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		464278.9	3673049	4.60E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		464288.9	3673029	4.56E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		464328.9	3672969	4.56E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		464348.9	3672939	4.56E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		464268.9	3673059	4.56E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		464298.9	3673009	4.53E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		464258.9	3673069	4.51E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		464318.9	3672979	4.50E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		464338.9	3672949	4.49E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL		464358.9	3672919	4.48E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		464278.9	3673039	4.48E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		464288.9	3673019	4.46E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		464268.9	3673049	4.42E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		464258.9	3673059	4.38E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL		464328.9	3673029	2.08E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		464378.9	3672959	2.05E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL		464348.9	3672999	2.04E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		464388.9	3672939	2.03E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		464368.9	3672969	1.99E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		464388.9	3672929	1.98E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		464378.9	3672949	1.96E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL		464358.9	3672979	1.96E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL		464348.9	3672989	1.92E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		464378.9	3672939	1.92E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL		464368.9	3672959	1.92E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL		464318.9	3673039	1.91E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		464378.9	3672929	1.89E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		464358.9	3672969	1.89E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL		464318.9	3673029	1.88E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL		464298.9	3673069	1.87E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		464368.9	3672949	1.87E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		464378.9	3672919	1.87E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL		464318.9	3673019	1.86E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL		464348.9	3672979	1.85E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL		464308.9	3673049	1.85E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL		464338.9	3672989	1.84E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-06

79	ALL	464358.9	3672939	1.77E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	464288.9	3673069	1.77E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	464348.9	3672959	1.77E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	464328.9	3672989	1.77E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	464298.9	3673049	1.77E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	464358.9	3672929	1.75E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	464348.9	3672949	1.74E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	464338.9	3672969	1.74E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	464278.9	3673079	1.74E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	464358.9	3672919	1.74E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	464288.9	3673059	1.74E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	464308.9	3673029	1.73E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	464348.9	3672939	1.72E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	464298.9	3673039	1.72E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	464338.9	3672959	1.71E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	464328.9	3672979	1.71E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	464288.9	3673049	1.71E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	464278.9	3673069	1.70E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	464338.9	3672949	1.69E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	464308.9	3673019	1.69E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	464328.9	3672969	1.69E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	464278.9	3673059	1.68E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	464298.9	3673029	1.67E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	464288.9	3673039	1.67E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	464268.9	3673079	1.67E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	464318.9	3672979	1.66E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	464278.9	3673049	1.66E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	464268.9	3673069	1.64E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	464298.9	3673019	1.64E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	464288.9	3673029	1.63E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	464278.9	3673039	1.62E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	464268.9	3673059	1.62E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	464298.9	3673009	1.61E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	464268.9	3673049	1.60E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	464288.9	3673019	1.60E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	464258.9	3673069	1.59E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	464258.9	3673059	1.57E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	464388.9	3672929	1.01E-06	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	464388.9	3672939	9.95E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	464378.9	3672919	9.83E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	464378.9	3672929	9.69E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	464378.9	3672939	9.56E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	464368.9	3672919	9.51E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	464378.9	3672949	9.45E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	464368.9	3672929	9.37E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	464378.9	3672959	9.37E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	464368.9	3672939	9.23E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	464358.9	3672919	9.23E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	464368.9	3672949	9.12E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	464358.9	3672929	9.09E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	464368.9	3672959	9.02E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	464358.9	3672939	8.95E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	464368.9	3672969	8.94E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	464358.9	3672949	8.83E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	464358.9	3672959	8.72E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	464348.9	3672939	8.70E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	464358.9	3672969	8.63E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	464348.9	3672949	8.57E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	464358.9	3672979	8.55E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	464348.9	3672959	8.46E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	464348.9	3672969	8.36E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	464338.9	3672949	8.34E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	464348.9	3672979	8.27E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	464338.9	3672959	8.23E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	464348.9	3672989	8.20E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	464348.9	3672999	8.15E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	464338.9	3672969	8.12E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	464338.9	3672979	8.03E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	464338.9	3672989	7.95E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	464328.9	3672969	7.91E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	464328.9	3672979	7.81E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	464328.9	3672989	7.73E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	464318.9	3672979	7.62E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	464328.9	3673029	7.50E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	464318.9	3673019	7.33E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	464318.9	3673029	7.27E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	464318.9	3673039	7.22E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	464308.9	3673019	7.12E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	464308.9	3673029	7.06E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	464298.9	3673009	7.02E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	464308.9	3673039	7.01E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	464308.9	3673049	6.97E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	464298.9	3673019	6.95E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	464298.9	3673029	6.89E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	464298.9	3673039	6.84E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	464288.9	3673019	6.80E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	464298.9	3673049	6.79E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	464298.9	3673059	6.74E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	464288.9	3673029	6.74E-07	30YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.74E-07	0.00E+00	0.00E+00

Oceanside Blocks 5 and 20 Mixed Use Project - Railroad HRA - Chronic Risk
*HARP - HRACalc v22118 4/25/2024 9:40:40 AM - Chronic Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
22	ALL		464378.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
27	ALL		464368.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
12	ALL		464388.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
36	ALL		464348.9	3672999	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
66	ALL		464298.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
51	ALL		464318.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
46	ALL		464328.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
17	ALL		464378.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
32	ALL		464358.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
69	ALL		464288.9	3673079	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
56	ALL		464308.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
21	ALL		464368.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
35	ALL		464348.9	3672989	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
7	ALL		464388.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
61	ALL		464298.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
70	ALL		464278.9	3673089	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
26	ALL		464358.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
11	ALL		464378.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
45	ALL		464318.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
65	ALL		464288.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
50	ALL		464308.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
16	ALL		464368.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
31	ALL		464348.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
68	ALL		464278.9	3673079	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
55	ALL		464298.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
20	ALL		464358.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
6	ALL		464378.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
34	ALL		464338.9	3672989	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
44	ALL		464308.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
60	ALL		464288.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
25	ALL		464348.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
10	ALL		464368.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
41	ALL		464318.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
64	ALL		464278.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
49	ALL		464298.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
15	ALL		464358.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
30	ALL		464338.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
40	ALL		464308.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3	ALL		464378.9	3672919	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
67	ALL		464268.9	3673079	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
19	ALL		464348.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
54	ALL		464288.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
5	ALL		464368.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
33	ALL		464328.9	3672989	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
43	ALL		464298.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
24	ALL		464338.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
9	ALL		464358.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
59	ALL		464278.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
63	ALL		464268.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
29	ALL		464328.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
14	ALL		464348.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
48	ALL		464288.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
2	ALL		464368.9	3672919	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
39	ALL		464298.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
18	ALL		464338.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
4	ALL		464358.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
53	ALL		464278.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
42	ALL		464288.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
23	ALL		464328.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
8	ALL		464348.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
58	ALL		464268.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
37	ALL		464298.9	3673009	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
62	ALL		464258.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
28	ALL		464318.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
13	ALL		464338.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
1	ALL		464358.9	3672919	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
47	ALL		464278.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
38	ALL		464288.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
52	ALL		464268.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
57	ALL		464258.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
116	ALL		464328.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
92	ALL		464378.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
106	ALL		464348.9	3672999	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
82	ALL		464388.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
97	ALL		464368.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
77	ALL		464388.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
87	ALL		464378.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
102	ALL		464358.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
105	ALL		464348.9	3672989	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
81	ALL		464378.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
91	ALL		464368.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
121	ALL		464318.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
76	ALL		464378.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
96	ALL		464358.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
115	ALL		464318.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
136	ALL		464298.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
86	ALL

84	ALL	464348.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
94	ALL	464338.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
138	ALL	464278.9	3673079	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
71	ALL	464358.9	3672919	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
130	ALL	464288.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
114	ALL	464308.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
78	ALL	464348.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
119	ALL	464298.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
88	ALL	464338.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
99	ALL	464328.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
124	ALL	464288.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
134	ALL	464278.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
83	ALL	464338.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
110	ALL	464308.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
93	ALL	464328.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
129	ALL	464278.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
113	ALL	464298.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
118	ALL	464288.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
137	ALL	464268.9	3673079	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
98	ALL	464318.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
123	ALL	464278.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
133	ALL	464268.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
109	ALL	464298.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
112	ALL	464288.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
117	ALL	464278.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
128	ALL	464268.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
107	ALL	464298.9	3673009	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
122	ALL	464268.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
108	ALL	464288.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
132	ALL	464258.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
127	ALL	464258.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
147	ALL	464388.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
152	ALL	464388.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
143	ALL	464378.9	3672919	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
146	ALL	464378.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
151	ALL	464378.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
142	ALL	464368.9	3672919	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
157	ALL	464378.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
145	ALL	464368.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
162	ALL	464378.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
150	ALL	464368.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
141	ALL	464358.9	3672919	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
156	ALL	464368.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
144	ALL	464358.9	3672929	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
161	ALL	464368.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
149	ALL	464358.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
167	ALL	464368.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
155	ALL	464358.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
160	ALL	464358.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
148	ALL	464348.9	3672939	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
166	ALL	464358.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
154	ALL	464348.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
172	ALL	464358.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
159	ALL	464348.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
165	ALL	464348.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
153	ALL	464338.9	3672949	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
171	ALL	464348.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
158	ALL	464338.9	3672959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
175	ALL	464348.9	3672989	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
176	ALL	464348.9	3672999	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
164	ALL	464338.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
170	ALL	464338.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
174	ALL	464338.9	3672989	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
163	ALL	464328.9	3672969	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
169	ALL	464328.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
173	ALL	464328.9	3672989	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
168	ALL	464318.9	3672979	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
186	ALL	464328.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
181	ALL	464318.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
185	ALL	464318.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
191	ALL	464318.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
180	ALL	464308.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
184	ALL	464308.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
177	ALL	464298.9	3673009	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
190	ALL	464308.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
196	ALL	464308.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
179	ALL	464298.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
183	ALL	464298.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
189	ALL	464298.9	3673039	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
178	ALL	464288.9	3673019	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
195	ALL	464298.9	3673049	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
201	ALL	464298.9	3673059	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
182	ALL	464288.9	3673029	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
206	ALL	464298.9	3673069	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 3/21/2024
** File: C:\Lakes\AERMOD View\Oceanside Blocks Const\Oceanside Blocks Const.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Oceanside Block 5&20 Const\Oceanside Block 5&20
   TITLETWO Oceanside Blocks 5 & 20 Construction
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Oceanside Blocks Const.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Offroad Equip and Truck Exhaust - Block 5
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.4706
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 15
** 464284.006, 3673089.560, 13.89, 5.00, 4.65
** 464255.963, 3673070.014, 13.72, 5.00, 4.65
** 464300.719, 3673009.395, 13.71, 5.00, 4.65
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** 464326.213, 3673027.241, 13.21, 5.00, 4.65
** 464284.573, 3673084.744, 13.93, 5.00, 4.65
** 464262.195, 3673069.165, 13.71, 5.00, 4.65
** 464300.436, 3673017.893, 13.76, 5.00, 4.65
** 464318.565, 3673030.357, 13.99, 5.00, 4.65
** 464284.006, 3673077.946, 13.93, 5.00, 4.65
** 464269.560, 3673068.598, 13.70, 5.00, 4.65
** 464300.436, 3673026.391, 13.89, 5.00, 4.65
** 464310.633, 3673034.039, 13.96, 5.00, 4.65
** 464283.157, 3673071.147, 13.89, 5.00, 4.65
** 464277.208, 3673066.898, 13.83, 5.00, 4.65
** 464302.135, 3673034.889, 13.93, 5.00, 4.65
** ------------------------------------------------------------------
   LOCATION L0000120     VOLUME   464279.904 3673086.701 13.83
   LOCATION L0000121     VOLUME   464271.700 3673080.983 13.83
   LOCATION L0000122     VOLUME   464263.496 3673075.265 13.76
   LOCATION L0000123     VOLUME   464256.448 3673069.357 13.69
   LOCATION L0000124     VOLUME   464262.388 3673061.312 13.68
   LOCATION L0000125     VOLUME   464268.328 3673053.267 13.66
   LOCATION L0000126     VOLUME   464274.267 3673045.222 13.63
   LOCATION L0000127     VOLUME   464280.207 3673037.177 13.65
   LOCATION L0000128     VOLUME   464286.147 3673029.132 13.69
   LOCATION L0000129     VOLUME   464292.087 3673021.088 13.75
   LOCATION L0000130     VOLUME   464298.026 3673013.043 13.76
   LOCATION L0000131     VOLUME   464305.197 3673012.530 13.81
   LOCATION L0000132     VOLUME   464313.390 3673018.265 13.62
   LOCATION L0000133     VOLUME   464321.582 3673023.999 13.39
   LOCATION L0000134     VOLUME   464323.664 3673030.762 13.56
   LOCATION L0000135     VOLUME   464317.799 3673038.861 13.91
   LOCATION L0000136     VOLUME   464311.934 3673046.961 14.03
   LOCATION L0000137     VOLUME   464306.068 3673055.060 14.05
   LOCATION L0000138     VOLUME   464300.203 3673063.159 14.06
   LOCATION L0000139     VOLUME   464294.338 3673071.259 14.05
   LOCATION L0000140     VOLUME   464288.473 3673079.358 14.02
   LOCATION L0000141     VOLUME   464281.823 3673082.830 13.88
   LOCATION L0000142     VOLUME   464273.617 3673077.116 13.85
   LOCATION L0000143     VOLUME   464265.410 3673071.403 13.76
   LOCATION L0000144     VOLUME   464265.832 3673064.289 13.72
   LOCATION L0000145     VOLUME   464271.810 3673056.273 13.69
   LOCATION L0000146     VOLUME   464277.789 3673048.257 13.64
   LOCATION L0000147     VOLUME   464283.768 3673040.241 13.66
   LOCATION L0000148     VOLUME   464289.747 3673032.225 13.73
   LOCATION L0000149     VOLUME   464295.725 3673024.209 13.78
   LOCATION L0000150     VOLUME   464302.184 3673019.095 13.83
   LOCATION L0000151     VOLUME   464310.424 3673024.760 13.83
   LOCATION L0000152     VOLUME   464318.494 3673030.455 13.68
   LOCATION L0000153     VOLUME   464312.618 3673038.546 13.93
   LOCATION L0000154     VOLUME   464306.742 3673046.638 13.96
   LOCATION L0000155     VOLUME   464300.866 3673054.729 13.97
   LOCATION L0000156     VOLUME   464294.990 3673062.821 13.97
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   LOCATION L0000157     VOLUME   464289.114 3673070.912 13.96
   LOCATION L0000158     VOLUME   464282.909 3673077.235 13.92
   LOCATION L0000159     VOLUME   464274.513 3673071.803 13.82
   LOCATION L0000160     VOLUME   464271.981 3673065.289 13.75
   LOCATION L0000161     VOLUME   464277.885 3673057.218 13.72
   LOCATION L0000162     VOLUME   464283.789 3673049.147 13.67
   LOCATION L0000163     VOLUME   464289.694 3673041.076 13.73
   LOCATION L0000164     VOLUME   464295.598 3673033.005 13.79
   LOCATION L0000165     VOLUME   464301.880 3673027.475 13.85
   LOCATION L0000166     VOLUME   464309.880 3673033.475 13.91
   LOCATION L0000167     VOLUME   464305.243 3673041.320 13.93
   LOCATION L0000168     VOLUME   464299.292 3673049.356 13.89
   LOCATION L0000169     VOLUME   464293.341 3673057.393 13.89
   LOCATION L0000170     VOLUME   464287.390 3673065.430 13.88
   LOCATION L0000171     VOLUME   464280.809 3673069.470 13.83
   LOCATION L0000172     VOLUME   464280.633 3673062.500 13.77
   LOCATION L0000173     VOLUME   464286.778 3673054.610 13.77
   LOCATION L0000174     VOLUME   464292.922 3673046.720 13.78
   LOCATION L0000175     VOLUME   464299.066 3673038.830 13.84
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Offroad Equipment and Trucks - Block 20
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.5294
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 17
** 464351.141, 3672998.348, 13.87, 5.00, 4.65
** 464320.831, 3672977.669, 13.60, 5.00, 4.65
** 464363.321, 3672915.634, 13.57, 5.00, 4.65
** 464396.180, 3672936.596, 13.92, 5.00, 4.65
** 464353.407, 3672994.099, 13.89, 5.00, 4.65
** 464327.913, 3672976.536, 13.66, 5.00, 4.65
** 464364.171, 3672924.132, 13.60, 5.00, 4.65
** 464387.116, 3672938.295, 13.95, 5.00, 4.65
** 464353.124, 3672986.734, 13.89, 5.00, 4.65
** 464334.994, 3672974.837, 13.65, 5.00, 4.65
** 464365.021, 3672933.196, 13.63, 5.00, 4.65
** 464378.334, 3672941.411, 14.05, 5.00, 4.65
** 464351.707, 3672979.652, 13.87, 5.00, 4.65
** 464342.926, 3672973.987, 13.65, 5.00, 4.65
** 464365.587, 3672941.978, 13.71, 5.00, 4.65
** 464369.553, 3672945.377, 13.73, 5.00, 4.65
** 464351.141, 3672972.287, 13.83, 5.00, 4.65
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   LOCATION L0000057     VOLUME   464347.010 3672995.530 13.66
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LOCATION L0000058 VOLUME 464338.750 3672989.894 13.58
LOCATION L0000059 VOLUME 464330.489 3672984.258 13.65
LOCATION L0000060 VOLUME 464322.228 3672978.623 13.61
LOCATION L0000061 VOLUME 464325.526 3672970.815 13.60
LOCATION L0000062 VOLUME 464331.177 3672962.564 13.59
LOCATION L0000063 VOLUME 464336.828 3672954.314 13.59
LOCATION L0000064 VOLUME 464342.479 3672946.064 13.59
LOCATION L0000065 VOLUME 464348.130 3672937.813 13.60
LOCATION L0000066 VOLUME 464353.781 3672929.563 13.59
LOCATION L0000067 VOLUME 464359.431 3672921.313 13.58
LOCATION L0000068 VOLUME 464365.949 3672917.310 13.57
LOCATION L0000069 VOLUME 464374.379 3672922.688 13.64
LOCATION L0000070 VOLUME 464382.810 3672928.066 13.75
LOCATION L0000071 VOLUME 464391.241 3672933.445 14.04
LOCATION L0000072 VOLUME 464393.709 3672939.918 14.22
LOCATION L0000073 VOLUME 464387.740 3672947.942 14.20
LOCATION L0000074 VOLUME 464381.772 3672955.966 14.21
LOCATION L0000075 VOLUME 464375.804 3672963.989 14.12
LOCATION L0000076 VOLUME 464369.835 3672972.013 14.03
LOCATION L0000077 VOLUME 464363.867 3672980.037 13.95
LOCATION L0000078 VOLUME 464357.899 3672988.060 13.92
LOCATION L0000079 VOLUME 464351.369 3672992.695 13.81
LOCATION L0000080 VOLUME 464343.134 3672987.022 13.72
LOCATION L0000081 VOLUME 464334.899 3672981.349 13.66
LOCATION L0000082 VOLUME 464328.775 3672975.289 13.62
LOCATION L0000083 VOLUME 464334.465 3672967.066 13.61
LOCATION L0000084 VOLUME 464340.155 3672958.842 13.63
LOCATION L0000085 VOLUME 464345.845 3672950.619 13.64
LOCATION L0000086 VOLUME 464351.535 3672942.395 13.65
LOCATION L0000087 VOLUME 464357.224 3672934.172 13.65
LOCATION L0000088 VOLUME 464362.914 3672925.948 13.63
LOCATION L0000089 VOLUME 464370.801 3672928.224 13.69
LOCATION L0000090 VOLUME 464379.310 3672933.477 13.82
LOCATION L0000091 VOLUME 464386.640 3672938.972 14.00
LOCATION L0000092 VOLUME 464380.896 3672947.158 14.06
LOCATION L0000093 VOLUME 464375.152 3672955.344 14.08
LOCATION L0000094 VOLUME 464369.408 3672963.529 14.00
LOCATION L0000095 VOLUME 464363.663 3672971.715 13.92
LOCATION L0000096 VOLUME 464357.919 3672979.900 13.86
LOCATION L0000097 VOLUME 464351.743 3672985.828 13.83
LOCATION L0000098 VOLUME 464343.382 3672980.341 13.73
LOCATION L0000099 VOLUME 464335.022 3672974.855 13.64
LOCATION L0000100 VOLUME 464340.824 3672966.752 13.66
LOCATION L0000101 VOLUME 464346.673 3672958.641 13.68
LOCATION L0000102 VOLUME 464352.522 3672950.530 13.70
LOCATION L0000103 VOLUME 464358.371 3672942.419 13.70
LOCATION L0000104 VOLUME 464364.220 3672934.307 13.70
LOCATION L0000105 VOLUME 464372.365 3672937.728 13.81
LOCATION L0000106 VOLUME 464376.628 3672943.862 13.95
LOCATION L0000107 VOLUME 464370.914 3672952.069 13.96

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   LOCATION L0000108     VOLUME   464365.199 3672960.275 13.90
   LOCATION L0000109     VOLUME   464359.485 3672968.482 13.83
   LOCATION L0000110     VOLUME   464353.771 3672976.688 13.81
   LOCATION L0000111     VOLUME   464346.339 3672976.189 13.74
   LOCATION L0000112     VOLUME   464346.357 3672969.140 13.72
   LOCATION L0000113     VOLUME   464352.135 3672960.979 13.74
   LOCATION L0000114     VOLUME   464357.913 3672952.817 13.75
   LOCATION L0000115     VOLUME   464363.692 3672944.655 13.78
   LOCATION L0000116     VOLUME   464368.708 3672946.612 13.87
   LOCATION L0000117     VOLUME   464363.061 3672954.865 13.84
   LOCATION L0000118     VOLUME   464357.414 3672963.118 13.79
   LOCATION L0000119     VOLUME   464351.768 3672971.371 13.78
** End of LINE VOLUME Source ID = SLINE2
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000120     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000121     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000122     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000123     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000124     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000125     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000126     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000127     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000128     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000129     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000130     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000131     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000132     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000133     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000134     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000135     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000136     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000137     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000138     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000139     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000140     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000141     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000142     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000143     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000144     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000145     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000146     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000147     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000148     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000149     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000150     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000151     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000152     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000153     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000154     0.0084035714      5.00      4.65      4.65
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   SRCPARAM L0000155     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000156     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000157     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000158     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000159     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000160     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000161     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000162     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000163     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000164     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000165     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000166     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000167     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000168     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000169     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000170     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000171     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000172     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000173     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000174     0.0084035714      5.00      4.65      4.65
   SRCPARAM L0000175     0.0084035714      5.00      4.65      4.65
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** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0000057     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000058     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000059     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000060     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000061     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000062     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000063     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000064     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000065     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000066     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000067     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000068     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000069     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000070     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000071     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000072     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000073     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000074     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000075     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000076     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000077     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000078     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000079     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000080     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000081     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000082     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000083     0.0084031746      5.00      4.65      4.65
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   SRCPARAM L0000084     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000085     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000086     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000087     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000088     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000089     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000090     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000091     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000092     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000093     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000094     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000095     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000096     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000097     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000098     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000099     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000100     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000101     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000102     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000103     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000104     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000105     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000106     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000107     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000108     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000109     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000110     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000111     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000112     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000113     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000114     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000115     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000116     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000117     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000118     0.0084031746      5.00      4.65      4.65
   SRCPARAM L0000119     0.0084031746      5.00      4.65      4.65
** ------------------------------------------------------------------

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT L0000120     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000120     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000120     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000121     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000121     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000121     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000122     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000122     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000122     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000123     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000123     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000139     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000145     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000161     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000167     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000168     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000169     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000121     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000158     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000159     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000120     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000132     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000143     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000159     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000068     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000109     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000109     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000111     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000058     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000061     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000062     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000064     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000066     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000071     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000073     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000086     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000103     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000119     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000119     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000060     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000073     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000074     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000075     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000077     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000079     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000081     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000090     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000107     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP SLINE1   L0000120 L0000121 L0000122 L0000123 L0000124 L0000125
SRCGROUP SLINE1   L0000126 L0000127 L0000128 L0000129 L0000130 L0000131
SRCGROUP SLINE1   L0000132 L0000133 L0000134 L0000135 L0000136 L0000137
SRCGROUP SLINE1   L0000138 L0000139 L0000140 L0000141 L0000142 L0000143
SRCGROUP SLINE1   L0000144 L0000145 L0000146 L0000147 L0000148 L0000149
SRCGROUP SLINE1   L0000150 L0000151 L0000152 L0000153 L0000154 L0000155
SRCGROUP SLINE1   L0000156 L0000157 L0000158 L0000159 L0000160 L0000161
SRCGROUP SLINE1   L0000162 L0000163 L0000164 L0000165 L0000166 L0000167
SRCGROUP SLINE1   L0000168 L0000169 L0000170 L0000171 L0000172 L0000173
SRCGROUP SLINE1   L0000174 L0000175
SRCGROUP SLINE2   L0000057 L0000058 L0000059 L0000060 L0000061 L0000062
```

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   SRCGROUP SLINE2   L0000063 L0000064 L0000065 L0000066 L0000067 L0000068
   SRCGROUP SLINE2   L0000069 L0000070 L0000071 L0000072 L0000073 L0000074
   SRCGROUP SLINE2   L0000075 L0000076 L0000077 L0000078 L0000079 L0000080
   SRCGROUP SLINE2   L0000081 L0000082 L0000083 L0000084 L0000085 L0000086
   SRCGROUP SLINE2   L0000087 L0000088 L0000089 L0000090 L0000091 L0000092
   SRCGROUP SLINE2   L0000093 L0000094 L0000095 L0000096 L0000097 L0000098
   SRCGROUP SLINE2   L0000099 L0000100 L0000101 L0000102 L0000103 L0000104
   SRCGROUP SLINE2   L0000105 L0000106 L0000107 L0000108 L0000109 L0000110
   SRCGROUP SLINE2   L0000111 L0000112 L0000113 L0000114 L0000115 L0000116
   SRCGROUP SLINE2   L0000117 L0000118 L0000119
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Oceanside Blocks Const.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE Met\CMP_2019-2021_v22112.SFC
   PROFFILE Met\CMP_2019-2021_v22112.PFL
   SURFDATA 3177 2019
   UAIRDATA 3190 2019
   SITEDATA 1008 2019
   PROFBASE 16.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "OCEANSIDE BLOCKS CONST.AD\01H1GALL.PLT" 31
   PLOTFILE 1 SLINE1 1ST "OCEANSIDE BLOCKS CONST.AD\01H1G001.PLT" 32
   PLOTFILE 1 SLINE2 1ST "OCEANSIDE BLOCKS CONST.AD\01H1G002.PLT" 33
   PLOTFILE PERIOD ALL "OCEANSIDE BLOCKS CONST.AD\PE00GALL.PLT" 34
   PLOTFILE PERIOD SLINE1 "OCEANSIDE BLOCKS CONST.AD\PE00G001.PLT" 35
```

```
   PLOTFILE PERIOD SLINE2 "OCEANSIDE BLOCKS CONST.AD\PE00G002.PLT" 36
   SUMMFILE "Oceanside Blocks Const.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403    2884       PFLCNV: Turbulence data is being used w/o ADJ_U* option
SigA Data

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

 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                          ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
```

```
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * 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  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    119 Source(s);       3 Source Group(s); and    1362
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    119 VOLUME source(s)
                 and:      0 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)
                 and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          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) =    16.00 ;  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 =      4.0 MB of RAM.
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000120	0	0.84036E-02	464279.9	3673086.7	13.8	5.00	4.65	4.65	NO	HRDOW7	NO
L0000121	0	0.84036E-02	464271.7	3673081.0	13.8	5.00	4.65	4.65	NO	HRDOW7	NO
L0000122	0	0.84036E-02	464263.5	3673075.3	13.8	5.00	4.65	4.65	NO	HRDOW7	NO
L0000123	0	0.84036E-02	464256.4	3673069.4	13.7	5.00	4.65	4.65	NO	HRDOW7	NO
L0000124	0	0.84036E-02	464262.4	3673061.3	13.7	5.00	4.65	4.65	NO	HRDOW7	NO
L0000125	0	0.84036E-02	464268.3	3673053.3	13.7	5.00	4.65	4.65	NO	HRDOW7	NO
L0000126	0	0.84036E-02	464274.3	3673045.2	13.6	5.00	4.65	4.65	NO	HRDOW7	NO
L0000127	0	0.84036E-02	464280.2	3673037.2	13.7	5.00	4.65	4.65	NO	HRDOW7	NO
L0000128	0	0.84036E-02	464286.1	3673029.1	13.7	5.00	4.65	4.65	NO	HRDOW7	NO
L0000129	0	0.84036E-02	464292.1	3673021.1	13.8	5.00	4.65	4.65	NO	HRDOW7	NO
L0000130	0	0.84036E-02	464298.0	3673013.0	13.8	5.00	4.65				

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4.65     NO    HRDOW7           NO
 L0000131        0   0.84036E-02  464305.2 3673012.5    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000132        0   0.84036E-02  464313.4 3673018.3    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000133        0   0.84036E-02  464321.6 3673024.0    13.4     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000134        0   0.84036E-02  464323.7 3673030.8    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000135        0   0.84036E-02  464317.8 3673038.9    13.9     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000136        0   0.84036E-02  464311.9 3673047.0    14.0     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000137        0   0.84036E-02  464306.1 3673055.1    14.1     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000138        0   0.84036E-02  464300.2 3673063.2    14.1     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000139        0   0.84036E-02  464294.3 3673071.3    14.1     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000140        0   0.84036E-02  464288.5 3673079.4    14.0     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000141        0   0.84036E-02  464281.8 3673082.8    13.9     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000142        0   0.84036E-02  464273.6 3673077.1    13.9     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000143        0   0.84036E-02  464265.4 3673071.4    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000144        0   0.84036E-02  464265.8 3673064.3    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000145        0   0.84036E-02  464271.8 3673056.3    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000146        0   0.84036E-02  464277.8 3673048.3    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000147        0   0.84036E-02  464283.8 3673040.2    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000148        0   0.84036E-02  464289.7 3673032.2    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000149        0   0.84036E-02  464295.7 3673024.2    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000150        0   0.84036E-02  464302.2 3673019.1    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000151        0   0.84036E-02  464310.4 3673024.8    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000152        0   0.84036E-02  464318.5 3673030.5    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000153        0   0.84036E-02  464312.6 3673038.5    13.9     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000154        0   0.84036E-02  464306.7 3673046.6    14.0     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000155        0   0.84036E-02  464300.9 3673054.7    14.0     5.00     4.65
```

4.65 NO HRDOW7 NO
L0000156 0 0.84036E-02 464295.0 3673062.8 14.0 5.00 4.65
4.65 NO HRDOW7 NO
L0000157 0 0.84036E-02 464289.1 3673070.9 14.0 5.00 4.65
4.65 NO HRDOW7 NO
L0000158 0 0.84036E-02 464282.9 3673077.2 13.9 5.00 4.65
4.65 NO HRDOW7 NO
L0000159 0 0.84036E-02 464274.5 3673071.8 13.8 5.00 4.65
4.65 NO HRDOW7 NO

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE VARY BY
L0000160	0	0.84036E-02	464272.0	3673065.3	13.8	5.00	4.65	4.65	NO	HRDOW7
L0000161	0	0.84036E-02	464277.9	3673057.2	13.7	5.00	4.65	4.65	NO	HRDOW7
L0000162	0	0.84036E-02	464283.8	3673049.1	13.7	5.00	4.65	4.65	NO	HRDOW7
L0000163	0	0.84036E-02	464289.7	3673041.1	13.7	5.00	4.65	4.65	NO	HRDOW7
L0000164	0	0.84036E-02	464295.6	3673033.0	13.8	5.00	4.65	4.65	NO	HRDOW7
L0000165	0	0.84036E-02	464301.9	3673027.5	13.9	5.00	4.65	4.65	NO	HRDOW7
L0000166	0	0.84036E-02	464309.9	3673033.5	13.9	5.00	4.65	4.65	NO	HRDOW7
L0000167	0	0.84036E-02	464305.2	3673041.3	13.9	5.00	4.65	4.65	NO	HRDOW7
L0000168	0	0.84036E-02	464299.3	3673049.4	13.9	5.00	4.65	4.65	NO	HRDOW7
L0000169	0	0.84036E-02	464293.3	3673057.4	13.9	5.00	4.65	4.65	NO	HRDOW7
L0000170	0	0.84036E-02	464287.4	3673065.4	13.9	5.00	4.65			

```
4.65     NO    HRDOW7           NO
 L0000171        0   0.84036E-02  464280.8 3673069.5    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000172        0   0.84036E-02  464280.6 3673062.5    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000173        0   0.84036E-02  464286.8 3673054.6    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000174        0   0.84036E-02  464292.9 3673046.7    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000175        0   0.84036E-02  464299.1 3673038.8    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000057        0   0.84032E-02  464347.0 3672995.5    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000058        0   0.84032E-02  464338.8 3672989.9    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000059        0   0.84032E-02  464330.5 3672984.3    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000060        0   0.84032E-02  464322.2 3672978.6    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000061        0   0.84032E-02  464325.5 3672970.8    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000062        0   0.84032E-02  464331.2 3672962.6    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000063        0   0.84032E-02  464336.8 3672954.3    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000064        0   0.84032E-02  464342.5 3672946.1    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000065        0   0.84032E-02  464348.1 3672937.8    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000066        0   0.84032E-02  464353.8 3672929.6    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000067        0   0.84032E-02  464359.4 3672921.3    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000068        0   0.84032E-02  464365.9 3672917.3    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000069        0   0.84032E-02  464374.4 3672922.7    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000070        0   0.84032E-02  464382.8 3672928.1    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000071        0   0.84032E-02  464391.2 3672933.4    14.0     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000072        0   0.84032E-02  464393.7 3672939.9    14.2     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000073        0   0.84032E-02  464387.7 3672947.9    14.2     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000074        0   0.84032E-02  464381.8 3672956.0    14.2     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000075        0   0.84032E-02  464375.8 3672964.0    14.1     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000076        0   0.84032E-02  464369.8 3672972.0    14.0     5.00     4.65
```

4.65 NO HRDOW7 NO
L0000077 0 0.84032E-02 464363.9 3672980.0 14.0 5.00 4.65
4.65 NO HRDOW7 NO
L0000078 0 0.84032E-02 464357.9 3672988.1 13.9 5.00 4.65
4.65 NO HRDOW7 NO
L0000079 0 0.84032E-02 464351.4 3672992.7 13.8 5.00 4.65
4.65 NO HRDOW7 NO
L0000080 0 0.84032E-02 464343.1 3672987.0 13.7 5.00 4.65
4.65 NO HRDOW7 NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000081	0	0.84032E-02	464334.9	3672981.3	13.7	5.00	4.65	4.65	NO	HRDOW7	NO
L0000082	0	0.84032E-02	464328.8	3672975.3	13.6	5.00	4.65	4.65	NO	HRDOW7	NO
L0000083	0	0.84032E-02	464334.5	3672967.1	13.6	5.00	4.65	4.65	NO	HRDOW7	NO
L0000084	0	0.84032E-02	464340.2	3672958.8	13.6	5.00	4.65	4.65	NO	HRDOW7	NO
L0000085	0	0.84032E-02	464345.8	3672950.6	13.6	5.00	4.65	4.65	NO	HRDOW7	NO
L0000086	0	0.84032E-02	464351.5	3672942.4	13.7	5.00	4.65	4.65	NO	HRDOW7	NO
L0000087	0	0.84032E-02	464357.2	3672934.2	13.7	5.00	4.65	4.65	NO	HRDOW7	NO
L0000088	0	0.84032E-02	464362.9	3672925.9	13.6	5.00	4.65	4.65	NO	HRDOW7	NO
L0000089	0	0.84032E-02	464370.8	3672928.2	13.7	5.00	4.65	4.65	NO	HRDOW7	NO
L0000090	0	0.84032E-02	464379.3	3672933.5	13.8	5.00	4.65	4.65	NO	HRDOW7	NO
L0000091	0	0.84032E-02	464386.6	3672939.0	14.0	5.00	4.65				

```
4.65     NO    HRDOW7           NO
 L0000092        0   0.84032E-02  464380.9 3672947.2    14.1     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000093        0   0.84032E-02  464375.2 3672955.3    14.1     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000094        0   0.84032E-02  464369.4 3672963.5    14.0     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000095        0   0.84032E-02  464363.7 3672971.7    13.9     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000096        0   0.84032E-02  464357.9 3672979.9    13.9     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000097        0   0.84032E-02  464351.7 3672985.8    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000098        0   0.84032E-02  464343.4 3672980.3    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000099        0   0.84032E-02  464335.0 3672974.9    13.6     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000100        0   0.84032E-02  464340.8 3672966.8    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000101        0   0.84032E-02  464346.7 3672958.6    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000102        0   0.84032E-02  464352.5 3672950.5    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000103        0   0.84032E-02  464358.4 3672942.4    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000104        0   0.84032E-02  464364.2 3672934.3    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000105        0   0.84032E-02  464372.4 3672937.7    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000106        0   0.84032E-02  464376.6 3672943.9    14.0     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000107        0   0.84032E-02  464370.9 3672952.1    14.0     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000108        0   0.84032E-02  464365.2 3672960.3    13.9     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000109        0   0.84032E-02  464359.5 3672968.5    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000110        0   0.84032E-02  464353.8 3672976.7    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000111        0   0.84032E-02  464346.3 3672976.2    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000112        0   0.84032E-02  464346.4 3672969.1    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000113        0   0.84032E-02  464352.1 3672961.0    13.7     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000114        0   0.84032E-02  464357.9 3672952.8    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000115        0   0.84032E-02  464363.7 3672944.7    13.8     5.00     4.65
4.65     NO    HRDOW7           NO
 L0000116        0   0.84032E-02  464368.7 3672946.6    13.9     5.00     4.65
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4.65   NO   HRDOW7   NO
 L0000117   0   0.84032E-02 464363.1 3672954.9   13.8   5.00   4.65
4.65   NO   HRDOW7   NO
 L0000118   0   0.84032E-02 464357.4 3672963.1   13.8   5.00   4.65
4.65   NO   HRDOW7   NO
 L0000119   0   0.84032E-02 464351.8 3672971.4   13.8   5.00   4.65
4.65   NO   HRDOW7   NO

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

  SLINE1   L0000120   , L0000121   , L0000122   , L0000123   , L0000124   ,
L0000125   , L0000126   , L0000127   ,

             L0000128   , L0000129   , L0000130   , L0000131   , L0000132   ,
L0000133   , L0000134   , L0000135   ,

             L0000136   , L0000137   , L0000138   , L0000139   , L0000140   ,
L0000141   , L0000142   , L0000143   ,

             L0000144   , L0000145   , L0000146   , L0000147   , L0000148   ,
L0000149   , L0000150   , L0000151   ,

             L0000152   , L0000153   , L0000154   , L0000155   , L0000156   ,
L0000157   , L0000158   , L0000159   ,

             L0000160   , L0000161   , L0000162   , L0000163   , L0000164   ,
L0000165   , L0000166   , L0000167   ,

             L0000168   , L0000169   , L0000170   , L0000171   , L0000172   ,
L0000173   , L0000174   , L0000175   ,

  SLINE2   L0000057   , L0000058   , L0000059   , L0000060   , L0000061   ,
L0000062   , L0000063   , L0000064   ,

             L0000065   , L0000066   , L0000067   , L0000068   , L0000069   ,
L0000070   , L0000071   , L0000072   ,

             L0000073   , L0000074   , L0000075   , L0000076   , L0000077   ,

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L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

             L0000089    , L0000090    , L0000091    , L0000092    , L0000093    ,
L0000094    , L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    ,
L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    ,

  ALL        L0000120    , L0000121    , L0000122    , L0000123    , L0000124    ,
L0000125    , L0000126    , L0000127    ,

             L0000128    , L0000129    , L0000130    , L0000131    , L0000132    ,
L0000133    , L0000134    , L0000135    ,

             L0000136    , L0000137    , L0000138    , L0000139    , L0000140    ,
L0000141    , L0000142    , L0000143    ,

             L0000144    , L0000145    , L0000146    , L0000147    , L0000148    ,
L0000149    , L0000150    , L0000151    ,

             L0000152    , L0000153    , L0000154    , L0000155    , L0000156    ,
L0000157    , L0000158    , L0000159    ,
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

             L0000160   , L0000161   , L0000162   , L0000163   , L0000164   ,
L0000165   , L0000166   , L0000167   ,

             L0000168   , L0000169   , L0000170   , L0000171   , L0000172   ,
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L0000173   , L0000174   , L0000175   ,

             L0000057   , L0000058   , L0000059   , L0000060   , L0000061   ,
L0000062   , L0000063   , L0000064   ,

             L0000065   , L0000066   , L0000067   , L0000068   , L0000069   ,
L0000070   , L0000071   , L0000072   ,

             L0000073   , L0000074   , L0000075   , L0000076   , L0000077   ,
L0000078   , L0000079   , L0000080   ,

             L0000081   , L0000082   , L0000083   , L0000084   , L0000085   ,
L0000086   , L0000087   , L0000088   ,

             L0000089   , L0000090   , L0000091   , L0000092   , L0000093   ,
L0000094   , L0000095   , L0000096   ,

             L0000097   , L0000098   , L0000099   , L0000100   , L0000101   ,
L0000102   , L0000103   , L0000104   ,

             L0000105   , L0000106   , L0000107   , L0000108   , L0000109   ,
L0000110   , L0000111   , L0000112   ,

             L0000113   , L0000114   , L0000115   , L0000116   , L0000117   ,
L0000118   , L0000119   ,

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000120   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00

```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *
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```
 SOURCE ID = L0000121     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000122   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000123     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000124     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000127     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000129   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000130     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *
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```
 SOURCE ID = L0000131     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000132   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000133     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - -

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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000137     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000139   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000140     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *
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```
 SOURCE ID = L0000141     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000142   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000143     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000144     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000147     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000149   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000150     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

```
 SOURCE ID = L0000151     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000152   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000153     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000154     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000157     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000158 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000159 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000160     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *
```

```
 SOURCE ID = L0000161     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000162   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000163     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000164     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000166 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000167     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000168 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000169   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000170     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *
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 SOURCE ID = L0000171     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000172 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000173     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000174     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000175 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000058     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000060   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000061     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *
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```
 SOURCE ID = L0000062     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000063   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000064     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000065     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000068     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000070   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                   PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000071     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *
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```
 SOURCE ID = L0000072     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000073   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000074     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000075     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000076 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000078     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000080   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *
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```
 SOURCE ID = L0000082     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000083   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000084     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000085     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000086 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000087 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000088     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000090   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000091     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *
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```
 SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000093 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000094     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000095     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000096 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000097 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000098     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

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14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000099 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000100   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000101     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = FRIDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

```
 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000103   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000104     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000105     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000108     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
```

```
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000110   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000111     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *
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```
 SOURCE ID = L0000112     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000113   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000114     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - -

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- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = L0000118     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
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14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

     (464245.1, 3672912.0,   11.7,   11.7,   0.0);   (464265.1, 3672912.0,   13.2,   13.2,   0.0);
     (464285.1, 3672912.0,   13.3,   13.3,   0.0);   (464305.1, 3672912.0,   13.4,   13.4,   0.0);
     (464325.1, 3672912.0,   13.4,   13.4,   0.0);   (464345.1, 3672912.0,   13.5,   13.5,   0.0);
     (464385.1, 3672912.0,   13.6,   13.6,   0.0);   (464405.1, 3672912.0,   14.3,   14.3,   0.0);
     (464245.1, 3672932.0,   13.2,   13.2,   0.0);   (464265.1, 3672932.0,   13.3,   13.3,   0.0);
     (464285.1, 3672932.0,   13.3,   13.3,   0.0);   (464305.1, 3672932.0,   13.4,   13.4,   0.0);
     (464325.1, 3672932.0,   13.5,   13.5,   0.0);   (464245.1, 3672952.0,   13.3,   13.3,   0.0);
     (464265.1, 3672952.0,   13.4,   13.4,   0.0);   (464285.1, 3672952.0,   13.4,   13.4,   0.0);
     (464305.1, 3672952.0,   13.5,   13.5,   0.0);   (464245.1, 3672972.0,   13.5,   13.5,   0.0);
     (464265.1, 3672972.0,   13.5,   13.5,   0.0);   (464285.1, 3672972.0,   13.5,   13.5,   0.0);
     (464305.1, 3672972.0,   13.5,   13.5,   0.0);   (464405.1, 3672972.0,   14.7,   14.7,   0.0);
     (464245.1, 3672992.0,   13.7,   13.7,   0.0);   (464265.1, 3672992.0,   13.7,   13.7,   0.0);
     (464285.1, 3672992.0,   13.5,   13.5,   0.0);   (464385.1, 3672992.0,   14.4,   14.4,   0.0);
     (464405.1, 3672992.0,   14.7,   14.7,   0.0);   (464245.1, 3673012.0,   13.7,   13.7,   0.0);

```
     ( 464265.1, 3673012.0,      13.6,      13.6,       0.0);         ( 464385.1,
3673012.0,      14.5,      14.5,       0.0);
     ( 464405.1, 3673012.0,      14.6,      14.6,       0.0);         ( 464245.1,
3673032.0,      13.6,      13.6,       0.0);
     ( 464365.1, 3673032.0,      14.4,      14.4,       0.0);         ( 464385.1,
3673032.0,      13.9,      13.9,       0.0);
     ( 464405.1, 3673032.0,      14.4,      14.4,       0.0);         ( 464245.1,
3673052.0,      13.5,      13.5,       0.0);
     ( 464345.1, 3673052.0,      14.5,      14.5,       0.0);         ( 464365.1,
3673052.0,      14.4,      14.4,       0.0);
     ( 464385.1, 3673052.0,      13.6,      13.6,       0.0);         ( 464405.1,
3673052.0,      14.2,      14.2,       0.0);
     ( 464345.1, 3673072.0,      14.8,      14.8,       0.0);         ( 464365.1,
3673072.0,      14.7,      14.7,       0.0);
     ( 464385.1, 3673072.0,      14.4,      14.4,       0.0);         ( 464405.1,
3673072.0,      14.5,      14.5,       0.0);
     ( 464245.1, 3673092.0,      13.7,      13.7,       0.0);         ( 464325.1,
3673092.0,      14.6,      14.6,       0.0);
     ( 464345.1, 3673092.0,      14.8,      14.8,       0.0);         ( 464365.1,
3673092.0,      14.8,      14.8,       0.0);
     ( 464385.1, 3673092.0,      14.6,      14.6,       0.0);         ( 464405.1,
3673092.0,      14.7,      14.7,       0.0);
     ( 464305.1, 3672712.0,       3.5,      12.9,       0.0);         ( 464325.1,
3672712.0,       4.1,      13.0,       0.0);
     ( 464345.1, 3672712.0,       5.3,      13.1,       0.0);         ( 464365.1,
3672712.0,       7.9,      13.0,       0.0);
     ( 464385.1, 3672712.0,      12.7,      12.7,       0.0);         ( 464405.1,
3672712.0,      13.0,      13.0,       0.0);
     ( 464425.1, 3672712.0,      13.0,      13.0,       0.0);         ( 464445.1,
3672712.0,      13.0,      13.0,       0.0);
     ( 464465.1, 3672712.0,      13.1,      13.1,       0.0);         ( 464485.1,
3672712.0,      13.2,      13.2,       0.0);
     ( 464505.1, 3672712.0,      13.4,      13.4,       0.0);         ( 464525.1,
3672712.0,      13.6,      13.6,       0.0);
     ( 464545.1, 3672712.0,      14.0,      14.0,       0.0);         ( 464565.1,
3672712.0,      14.7,      14.7,       0.0);
     ( 464585.1, 3672712.0,      14.7,      14.7,       0.0);         ( 464605.1,
3672712.0,      15.5,      15.5,       0.0);
     ( 464305.1, 3672732.0,       4.0,      12.9,       0.0);         ( 464325.1,
3672732.0,       4.4,      13.1,       0.0);
     ( 464345.1, 3672732.0,       7.2,      12.9,       0.0);         ( 464365.1,
3672732.0,      11.0,      11.0,       0.0);
     ( 464385.1, 3672732.0,      12.8,      12.8,       0.0);         ( 464405.1,
3672732.0,      13.0,      13.0,       0.0);
     ( 464425.1, 3672732.0,      13.1,      13.1,       0.0);         ( 464445.1,
3672732.0,      13.1,      13.1,       0.0);
     ( 464465.1, 3672732.0,      13.2,      13.2,       0.0);         ( 464485.1,
3672732.0,      13.5,      13.5,       0.0);
     ( 464505.1, 3672732.0,      13.7,      13.7,       0.0);         ( 464525.1,
3672732.0,      14.0,      14.0,       0.0);
```

(464545.1, 3672732.0, 14.3, 14.3, 0.0); (464565.1, 3672732.0, 14.6, 14.6, 0.0);
(464585.1, 3672732.0, 15.0, 15.0, 0.0); (464605.1, 3672732.0, 15.5, 15.5, 0.0);
(464285.1, 3672752.0, 3.9, 13.1, 0.0); (464305.1, 3672752.0, 4.3, 13.1, 0.0);
(464325.1, 3672752.0, 5.9, 12.9, 0.0); (464345.1, 3672752.0, 9.2, 12.7, 0.0);
(464365.1, 3672752.0, 12.4, 12.4, 0.0); (464385.1, 3672752.0, 12.8, 12.8, 0.0);
(464405.1, 3672752.0, 13.0, 13.0, 0.0); (464425.1, 3672752.0, 13.2, 13.2, 0.0);

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

(464445.1, 3672752.0, 13.2, 13.2, 0.0); (464465.1, 3672752.0, 13.3, 13.3, 0.0);
(464485.1, 3672752.0, 13.6, 13.6, 0.0); (464505.1, 3672752.0, 14.0, 14.0, 0.0);
(464525.1, 3672752.0, 14.3, 14.3, 0.0); (464545.1, 3672752.0, 14.5, 14.5, 0.0);
(464565.1, 3672752.0, 14.7, 14.7, 0.0); (464585.1, 3672752.0, 15.1, 15.1, 0.0);
(464605.1, 3672752.0, 15.5, 15.5, 0.0); (464265.1, 3672772.0, 3.8, 13.1, 0.0);
(464285.1, 3672772.0, 4.2, 13.1, 0.0); (464305.1, 3672772.0, 4.5, 13.3, 0.0);
(464325.1, 3672772.0, 8.0, 12.9, 0.0); (464345.1, 3672772.0, 11.1, 12.7, 0.0);
(464365.1, 3672772.0, 12.8, 12.8, 0.0); (464385.1, 3672772.0, 12.8, 12.8, 0.0);
(464405.1, 3672772.0, 12.9, 12.9, 0.0); (464425.1, 3672772.0, 13.2, 13.2, 0.0);
(464445.1, 3672772.0, 13.4, 13.4, 0.0); (464465.1, 3672772.0, 13.5, 13.5, 0.0);
(464485.1, 3672772.0, 13.8, 13.8, 0.0); (464505.1, 3672772.0, 14.2, 14.2, 0.0);
(464525.1, 3672772.0, 14.5, 14.5, 0.0); (464545.1, 3672772.0, 14.8, 14.8, 0.0);
(464565.1, 3672772.0, 14.9, 14.9, 0.0); (464585.1, 3672772.0, 15.1, 15.1, 0.0);

```
     ( 464605.1, 3672772.0,      15.4,      15.4,       0.0);         ( 464245.1,
3672792.0,       3.8,      13.1,       0.0);
     ( 464265.1, 3672792.0,       4.0,      13.1,       0.0);         ( 464285.1,
3672792.0,       4.5,      13.3,       0.0);
     ( 464305.1, 3672792.0,       5.7,      13.3,       0.0);         ( 464325.1,
3672792.0,      10.0,      12.9,       0.0);
     ( 464345.1, 3672792.0,      12.3,      12.3,       0.0);         ( 464365.1,
3672792.0,      12.9,      12.9,       0.0);
     ( 464385.1, 3672792.0,      13.1,      13.1,       0.0);         ( 464405.1,
3672792.0,      13.1,      13.1,       0.0);
     ( 464425.1, 3672792.0,      13.1,      13.1,       0.0);         ( 464445.1,
3672792.0,      13.3,      13.3,       0.0);
     ( 464465.1, 3672792.0,      13.6,      13.6,       0.0);         ( 464485.1,
3672792.0,      13.9,      13.9,       0.0);
     ( 464505.1, 3672792.0,      14.4,      14.4,       0.0);         ( 464525.1,
3672792.0,      14.7,      14.7,       0.0);
     ( 464545.1, 3672792.0,      14.9,      14.9,       0.0);         ( 464565.1,
3672792.0,      15.0,      15.0,       0.0);
     ( 464585.1, 3672792.0,      15.3,      15.3,       0.0);         ( 464605.1,
3672792.0,      15.7,      15.7,       0.0);
     ( 464245.1, 3672812.0,       4.0,      13.2,       0.0);         ( 464265.1,
3672812.0,       4.3,      13.5,       0.0);
     ( 464285.1, 3672812.0,       5.1,      13.3,       0.0);         ( 464305.1,
3672812.0,       8.4,      13.1,       0.0);
     ( 464325.1, 3672812.0,      11.6,      11.6,       0.0);         ( 464345.1,
3672812.0,      13.0,      13.0,       0.0);
     ( 464365.1, 3672812.0,      13.1,      13.1,       0.0);         ( 464385.1,
3672812.0,      13.2,      13.2,       0.0);
     ( 464405.1, 3672812.0,      13.2,      13.2,       0.0);         ( 464425.1,
3672812.0,      13.3,      13.3,       0.0);
     ( 464445.1, 3672812.0,      13.4,      13.4,       0.0);         ( 464465.1,
3672812.0,      13.7,      13.7,       0.0);
     ( 464485.1, 3672812.0,      14.1,      14.1,       0.0);         ( 464505.1,
3672812.0,      14.6,      14.6,       0.0);
     ( 464525.1, 3672812.0,      15.0,      15.0,       0.0);         ( 464545.1,
3672812.0,      15.1,      15.1,       0.0);
     ( 464565.1, 3672812.0,      15.2,      15.2,       0.0);         ( 464585.1,
3672812.0,      15.5,      15.5,       0.0);
     ( 464605.1, 3672812.0,      15.9,      15.9,       0.0);         ( 464225.1,
3672832.0,       3.9,      13.2,       0.0);
     ( 464245.1, 3672832.0,       4.2,      13.5,       0.0);         ( 464265.1,
3672832.0,       4.5,      13.5,       0.0);
     ( 464285.1, 3672832.0,       5.8,      13.5,       0.0);         ( 464305.1,
3672832.0,      12.2,      13.1,       0.0);
     ( 464325.1, 3672832.0,      13.0,      13.0,       0.0);         ( 464345.1,
3672832.0,      13.1,      13.1,       0.0);
     ( 464365.1, 3672832.0,      13.3,      13.3,       0.0);         ( 464385.1,
3672832.0,      13.3,      13.3,       0.0);
     ( 464405.1, 3672832.0,      13.3,      13.3,       0.0);         ( 464425.1,
3672832.0,      13.5,      13.5,       0.0);
```

(464445.1, 3672832.0, 13.7, 13.7, 0.0); (464465.1, 3672832.0, 13.8, 13.8, 0.0);
(464485.1, 3672832.0, 14.3, 14.3, 0.0); (464505.1, 3672832.0, 14.9, 14.9, 0.0);
(464525.1, 3672832.0, 15.2, 15.2, 0.0); (464545.1, 3672832.0, 15.2, 15.2, 0.0);
(464565.1, 3672832.0, 15.4, 15.4, 0.0); (464585.1, 3672832.0, 15.8, 15.8, 0.0);
(464605.1, 3672832.0, 16.2, 16.2, 0.0); (464205.1, 3672852.0, 3.8, 13.3, 0.0);
(464225.1, 3672852.0, 4.1, 13.5, 0.0); (464245.1, 3672852.0, 4.3, 13.5, 0.0);
(464265.1, 3672852.0, 6.4, 13.5, 0.0); (464285.1, 3672852.0, 10.5, 13.1, 0.0);

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

(464305.1, 3672852.0, 12.8, 12.8, 0.0); (464325.1, 3672852.0, 13.1, 13.1, 0.0);
(464345.1, 3672852.0, 13.2, 13.2, 0.0); (464365.1, 3672852.0, 13.2, 13.2, 0.0);
(464385.1, 3672852.0, 13.3, 13.3, 0.0); (464405.1, 3672852.0, 13.5, 13.5, 0.0);
(464425.1, 3672852.0, 13.7, 13.7, 0.0); (464445.1, 3672852.0, 13.9, 13.9, 0.0);
(464465.1, 3672852.0, 14.2, 14.2, 0.0); (464485.1, 3672852.0, 14.5, 14.5, 0.0);
(464505.1, 3672852.0, 14.9, 14.9, 0.0); (464525.1, 3672852.0, 15.1, 15.1, 0.0);
(464545.1, 3672852.0, 15.2, 15.2, 0.0); (464565.1, 3672852.0, 15.4, 15.4, 0.0);
(464585.1, 3672852.0, 15.9, 15.9, 0.0); (464605.1, 3672852.0, 16.4, 16.4, 0.0);
(464205.1, 3672872.0, 4.1, 13.3, 0.0); (464225.1, 3672872.0, 4.3, 13.5, 0.0);
(464245.1, 3672872.0, 5.9, 13.5, 0.0); (464265.1, 3672872.0, 9.2, 13.2, 0.0);
(464285.1, 3672872.0, 13.1, 13.1, 0.0); (464305.1, 3672872.0, 13.2, 13.2, 0.0);
(464325.1, 3672872.0, 13.2, 13.2, 0.0); (464345.1, 3672872.0, 13.2, 13.2, 0.0);

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     ( 464365.1, 3672872.0,      13.3,      13.3,       0.0);         ( 464385.1,
3672872.0,      13.4,      13.4,       0.0);
     ( 464405.1, 3672872.0,      13.7,      13.7,       0.0);         ( 464425.1,
3672872.0,      13.9,      13.9,       0.0);
     ( 464445.1, 3672872.0,      14.1,      14.1,       0.0);         ( 464465.1,
3672872.0,      14.4,      14.4,       0.0);
     ( 464485.1, 3672872.0,      14.7,      14.7,       0.0);         ( 464505.1,
3672872.0,      14.9,      14.9,       0.0);
     ( 464525.1, 3672872.0,      15.1,      15.1,       0.0);         ( 464545.1,
3672872.0,      15.3,      15.3,       0.0);
     ( 464565.1, 3672872.0,      15.6,      15.6,       0.0);         ( 464585.1,
3672872.0,      16.2,      16.2,       0.0);
     ( 464605.1, 3672872.0,      16.9,      16.9,       0.0);         ( 464185.1,
3672892.0,       4.1,      13.3,       0.0);
     ( 464205.1, 3672892.0,       4.3,      13.3,       0.0);         ( 464225.1,
3672892.0,       4.4,      13.5,       0.0);
     ( 464245.1, 3672892.0,       9.2,      13.3,       0.0);         ( 464265.1,
3672892.0,      12.9,      12.9,       0.0);
     ( 464285.1, 3672892.0,      13.2,      13.2,       0.0);         ( 464305.1,
3672892.0,      13.4,      13.4,       0.0);
     ( 464325.1, 3672892.0,      13.5,      13.5,       0.0);         ( 464345.1,
3672892.0,      13.4,      13.4,       0.0);
     ( 464365.1, 3672892.0,      13.4,      13.4,       0.0);         ( 464385.1,
3672892.0,      13.6,      13.6,       0.0);
     ( 464405.1, 3672892.0,      14.1,      14.1,       0.0);         ( 464425.1,
3672892.0,      14.2,      14.2,       0.0);
     ( 464445.1, 3672892.0,      14.2,      14.2,       0.0);         ( 464465.1,
3672892.0,      14.5,      14.5,       0.0);
     ( 464485.1, 3672892.0,      14.7,      14.7,       0.0);         ( 464505.1,
3672892.0,      14.9,      14.9,       0.0);
     ( 464525.1, 3672892.0,      15.1,      15.1,       0.0);         ( 464545.1,
3672892.0,      15.4,      15.4,       0.0);
     ( 464565.1, 3672892.0,      16.0,      16.0,       0.0);         ( 464585.1,
3672892.0,      16.7,      16.7,       0.0);
     ( 464605.1, 3672892.0,      17.5,      17.5,       0.0);         ( 464165.1,
3672912.0,       4.0,      13.3,       0.0);
     ( 464185.1, 3672912.0,       4.2,      13.8,       0.0);         ( 464205.1,
3672912.0,       4.5,      13.8,       0.0);
     ( 464225.1, 3672912.0,       8.5,      13.3,       0.0);         ( 464425.1,
3672912.0,      14.5,      14.5,       0.0);
     ( 464445.1, 3672912.0,      14.5,      14.5,       0.0);         ( 464465.1,
3672912.0,      14.5,      14.5,       0.0);
     ( 464485.1, 3672912.0,      14.7,      14.7,       0.0);         ( 464505.1,
3672912.0,      15.0,      15.0,       0.0);
     ( 464525.1, 3672912.0,      15.5,      15.5,       0.0);         ( 464545.1,
3672912.0,      16.5,      16.5,       0.0);
     ( 464565.1, 3672912.0,      17.7,      17.7,       0.0);         ( 464585.1,
3672912.0,      17.9,      17.9,       0.0);
     ( 464605.1, 3672912.0,      18.2,      18.2,       0.0);         ( 464145.1,
3672932.0,       3.8,      13.2,       0.0);
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(464165.1, 3672932.0, 4.2, 13.8, 0.0); (464185.1, 3672932.0, 4.5, 13.8, 0.0);
(464205.1, 3672932.0, 5.5, 13.8, 0.0); (464225.1, 3672932.0, 11.4, 13.0, 0.0);
(464425.1, 3672932.0, 14.7, 14.7, 0.0); (464445.1, 3672932.0, 14.7, 14.7, 0.0);
(464465.1, 3672932.0, 14.6, 14.6, 0.0); (464485.1, 3672932.0, 14.8, 14.8, 0.0);
(464505.1, 3672932.0, 15.1, 15.1, 0.0); (464525.1, 3672932.0, 16.0, 16.0, 0.0);
(464545.1, 3672932.0, 17.5, 17.5, 0.0); (464565.1, 3672932.0, 18.7, 18.7, 0.0);
(464585.1, 3672932.0, 18.6, 18.6, 0.0); (464605.1, 3672932.0, 18.6, 18.6, 0.0);
(464145.1, 3672952.0, 4.2, 13.8, 0.0); (464165.1, 3672952.0, 4.3, 13.8, 0.0);

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

(464185.1, 3672952.0, 5.2, 13.8, 0.0); (464205.1, 3672952.0, 7.7, 13.8, 0.0);
(464225.1, 3672952.0, 12.0, 13.2, 0.0); (464425.1, 3672952.0, 14.7, 14.7, 0.0);
(464445.1, 3672952.0, 14.6, 14.6, 0.0); (464465.1, 3672952.0, 14.7, 14.7, 0.0);
(464485.1, 3672952.0, 14.9, 14.9, 0.0); (464505.1, 3672952.0, 15.3, 15.3, 0.0);
(464525.1, 3672952.0, 16.6, 18.5, 0.0); (464545.1, 3672952.0, 18.5, 18.5, 0.0);
(464565.1, 3672952.0, 18.8, 18.8, 0.0); (464585.1, 3672952.0, 18.6, 18.6, 0.0);
(464605.1, 3672952.0, 18.9, 18.9, 0.0); (464125.1, 3672972.0, 4.0, 13.8, 0.0);
(464145.1, 3672972.0, 4.3, 13.8, 0.0); (464165.1, 3672972.0, 4.6, 13.8, 0.0);
(464185.1, 3672972.0, 6.2, 13.8, 0.0); (464205.1, 3672972.0, 10.8, 13.8, 0.0);
(464225.1, 3672972.0, 12.9, 12.9, 0.0); (464425.1, 3672972.0, 14.8, 14.8, 0.0);
(464445.1, 3672972.0, 14.8, 14.8, 0.0); (464465.1, 3672972.0, 14.9, 14.9, 0.0);

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     ( 464485.1, 3672972.0,      15.0,      15.0,       0.0);         ( 464505.1,
3672972.0,      15.5,      15.5,       0.0);
     ( 464525.1, 3672972.0,      16.5,      16.5,       0.0);         ( 464545.1,
3672972.0,      17.7,      17.7,       0.0);
     ( 464565.1, 3672972.0,      18.1,      18.1,       0.0);         ( 464585.1,
3672972.0,      18.4,      18.4,       0.0);
     ( 464605.1, 3672972.0,      18.8,      18.8,       0.0);         ( 464125.1,
3672992.0,       4.4,      13.8,       0.0);
     ( 464145.1, 3672992.0,       4.5,      14.6,       0.0);         ( 464165.1,
3672992.0,       5.5,      14.6,       0.0);
     ( 464185.1, 3672992.0,       8.1,      13.8,       0.0);         ( 464205.1,
3672992.0,      13.2,      13.2,       0.0);
     ( 464225.1, 3672992.0,      13.6,      13.6,       0.0);         ( 464425.1,
3672992.0,      14.8,      14.8,       0.0);
     ( 464445.1, 3672992.0,      14.9,      14.9,       0.0);         ( 464465.1,
3672992.0,      15.1,      15.1,       0.0);
     ( 464485.1, 3672992.0,      15.2,      15.2,       0.0);         ( 464505.1,
3672992.0,      15.8,      15.8,       0.0);
     ( 464525.1, 3672992.0,      16.5,      16.5,       0.0);         ( 464545.1,
3672992.0,      17.3,      17.3,       0.0);
     ( 464565.1, 3672992.0,      17.7,      17.7,       0.0);         ( 464585.1,
3672992.0,      18.3,      18.3,       0.0);
     ( 464605.1, 3672992.0,      18.8,      18.8,       0.0);         ( 464125.1,
3673012.0,       5.4,      14.6,       0.0);
     ( 464145.1, 3673012.0,       5.1,      14.6,       0.0);         ( 464165.1,
3673012.0,       7.9,      13.8,       0.0);
     ( 464185.1, 3673012.0,      12.0,      12.0,       0.0);         ( 464205.1,
3673012.0,      13.7,      13.7,       0.0);
     ( 464225.1, 3673012.0,      13.7,      13.7,       0.0);         ( 464425.1,
3673012.0,      14.7,      14.7,       0.0);
     ( 464445.1, 3673012.0,      14.9,      14.9,       0.0);         ( 464465.1,
3673012.0,      15.1,      15.1,       0.0);
     ( 464485.1, 3673012.0,      15.5,      15.5,       0.0);         ( 464505.1,
3673012.0,      16.2,      16.2,       0.0);
     ( 464525.1, 3673012.0,      17.0,      17.0,       0.0);         ( 464545.1,
3673012.0,      17.6,      17.6,       0.0);
     ( 464565.1, 3673012.0,      18.2,      18.2,       0.0);         ( 464585.1,
3673012.0,      18.6,      18.6,       0.0);
     ( 464605.1, 3673012.0,      18.9,      18.9,       0.0);         ( 464105.1,
3673032.0,       4.9,      14.6,       0.0);
     ( 464125.1, 3673032.0,       5.7,      14.6,       0.0);         ( 464145.1,
3673032.0,       7.7,      14.6,       0.0);
     ( 464165.1, 3673032.0,      10.5,      12.7,       0.0);         ( 464185.1,
3673032.0,      12.8,      12.8,       0.0);
     ( 464205.1, 3673032.0,      13.4,      13.4,       0.0);         ( 464225.1,
3673032.0,      13.5,      13.5,       0.0);
     ( 464425.1, 3673032.0,      14.7,      14.7,       0.0);         ( 464445.1,
3673032.0,      15.0,      15.0,       0.0);
     ( 464465.1, 3673032.0,      15.3,      15.3,       0.0);         ( 464485.1,
3673032.0,      15.9,      15.9,       0.0);
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(464505.1, 3673032.0, 16.5, 16.5, 0.0); (464525.1, 3673032.0, 17.2, 17.2, 0.0);
(464545.1, 3673032.0, 17.9, 17.9, 0.0); (464565.1, 3673032.0, 18.7, 18.7, 0.0);
(464585.1, 3673032.0, 19.3, 19.3, 0.0); (464605.1, 3673032.0, 19.8, 19.8, 0.0);
(464085.1, 3673052.0, 4.7, 14.6, 0.0); (464105.1, 3673052.0, 5.7, 14.6, 0.0);
(464125.1, 3673052.0, 6.5, 14.6, 0.0); (464145.1, 3673052.0, 10.7, 13.8, 0.0);
(464165.1, 3673052.0, 12.7, 12.7, 0.0); (464185.1, 3673052.0, 12.9, 12.9, 0.0);
(464205.1, 3673052.0, 13.0, 13.0, 0.0); (464225.1, 3673052.0, 13.2, 13.2, 0.0);
(464425.1, 3673052.0, 14.8, 14.8, 0.0); (464445.1, 3673052.0, 15.1, 15.1, 0.0);
(464465.1, 3673052.0, 15.6, 15.6, 0.0); (464485.1, 3673052.0, 16.2, 16.2, 0.0);

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

(464505.1, 3673052.0, 16.8, 16.8, 0.0); (464525.1, 3673052.0, 17.5, 17.5, 0.0);
(464545.1, 3673052.0, 18.3, 18.3, 0.0); (464565.1, 3673052.0, 19.2, 19.2, 0.0);
(464585.1, 3673052.0, 19.9, 19.9, 0.0); (464605.1, 3673052.0, 20.6, 20.6, 0.0);
(464065.1, 3673072.0, 4.8, 13.8, 0.0); (464085.1, 3673072.0, 5.6, 14.4, 0.0);
(464105.1, 3673072.0, 6.4, 14.6, 0.0); (464125.1, 3673072.0, 9.7, 14.4, 0.0);
(464145.1, 3673072.0, 12.4, 13.8, 0.0); (464165.1, 3673072.0, 13.8, 13.8, 0.0);
(464185.1, 3673072.0, 14.0, 14.0, 0.0); (464205.1, 3673072.0, 13.5, 13.5, 0.0);
(464225.1, 3673072.0, 13.3, 13.3, 0.0); (464425.1, 3673072.0, 14.8, 14.8, 0.0);
(464445.1, 3673072.0, 15.3, 15.3, 0.0); (464465.1, 3673072.0, 15.8, 15.8, 0.0);
(464485.1, 3673072.0, 16.5, 16.5, 0.0); (464505.1, 3673072.0, 17.0, 17.0, 0.0);

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     ( 464525.1, 3673072.0,      17.7,      17.7,       0.0);         ( 464545.1,
3673072.0,      18.5,      18.5,       0.0);
     ( 464565.1, 3673072.0,      19.8,      19.8,       0.0);         ( 464585.1,
3673072.0,      20.4,      20.4,       0.0);
     ( 464605.1, 3673072.0,      20.8,      20.8,       0.0);         ( 464065.1,
3673092.0,       5.1,      14.4,       0.0);
     ( 464085.1, 3673092.0,       5.6,      14.4,       0.0);         ( 464105.1,
3673092.0,       6.7,      14.6,       0.0);
     ( 464125.1, 3673092.0,      11.6,      11.6,       0.0);         ( 464145.1,
3673092.0,      13.5,      13.5,       0.0);
     ( 464165.1, 3673092.0,      14.3,      14.3,       0.0);         ( 464185.1,
3673092.0,      14.3,      14.3,       0.0);
     ( 464205.1, 3673092.0,      13.5,      13.5,       0.0);         ( 464225.1,
3673092.0,      13.6,      13.6,       0.0);
     ( 464425.1, 3673092.0,      15.1,      15.1,       0.0);         ( 464445.1,
3673092.0,      15.6,      15.6,       0.0);
     ( 464465.1, 3673092.0,      16.0,      16.0,       0.0);         ( 464485.1,
3673092.0,      16.6,      16.6,       0.0);
     ( 464505.1, 3673092.0,      17.2,      17.2,       0.0);         ( 464525.1,
3673092.0,      18.0,      18.0,       0.0);
     ( 464545.1, 3673092.0,      19.0,      19.0,       0.0);         ( 464565.1,
3673092.0,      20.1,      20.1,       0.0);
     ( 464585.1, 3673092.0,      20.6,      20.6,       0.0);         ( 464605.1,
3673092.0,      20.9,      20.9,       0.0);
     ( 464045.1, 3673112.0,       4.9,      13.2,       0.0);         ( 464065.1,
3673112.0,       5.1,      14.4,       0.0);
     ( 464085.1, 3673112.0,       5.6,      14.4,       0.0);         ( 464105.1,
3673112.0,       7.3,      14.4,       0.0);
     ( 464125.1, 3673112.0,      12.6,      13.2,       0.0);         ( 464145.1,
3673112.0,      14.0,      14.0,       0.0);
     ( 464165.1, 3673112.0,      14.4,      14.4,       0.0);         ( 464185.1,
3673112.0,      14.2,      14.2,       0.0);
     ( 464205.1, 3673112.0,      13.5,      13.5,       0.0);         ( 464225.1,
3673112.0,      13.8,      13.8,       0.0);
     ( 464245.1, 3673112.0,      13.9,      13.9,       0.0);         ( 464265.1,
3673112.0,      13.8,      13.8,       0.0);
     ( 464305.1, 3673112.0,      14.4,      14.4,       0.0);         ( 464325.1,
3673112.0,      14.5,      14.5,       0.0);
     ( 464345.1, 3673112.0,      14.6,      14.6,       0.0);         ( 464365.1,
3673112.0,      14.7,      14.7,       0.0);
     ( 464385.1, 3673112.0,      14.5,      14.5,       0.0);         ( 464405.1,
3673112.0,      14.8,      14.8,       0.0);
     ( 464425.1, 3673112.0,      15.4,      15.4,       0.0);         ( 464445.1,
3673112.0,      15.9,      15.9,       0.0);
     ( 464465.1, 3673112.0,      16.2,      16.2,       0.0);         ( 464485.1,
3673112.0,      16.8,      16.8,       0.0);
     ( 464505.1, 3673112.0,      17.5,      17.5,       0.0);         ( 464525.1,
3673112.0,      18.5,      18.5,       0.0);
     ( 464545.1, 3673112.0,      19.5,      19.5,       0.0);         ( 464565.1,
3673112.0,      20.2,      20.2,       0.0);
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     ( 464185.1, 3673152.0,      13.6,      13.6,       0.0);         ( 464205.1,
3673152.0,      13.8,      13.8,       0.0);
     ( 464225.1, 3673152.0,      13.9,      13.9,       0.0);         ( 464245.1,
3673152.0,      13.9,      13.9,       0.0);
     ( 464265.1, 3673152.0,      14.2,      14.2,       0.0);         ( 464285.1,
3673152.0,      14.7,      14.7,       0.0);
     ( 464305.1, 3673152.0,      14.5,      14.5,       0.0);         ( 464325.1,
3673152.0,      14.5,      14.5,       0.0);
     ( 464345.1, 3673152.0,      14.5,      14.5,       0.0);         ( 464365.1,
3673152.0,      14.7,      14.7,       0.0);
     ( 464385.1, 3673152.0,      15.0,      15.0,       0.0);         ( 464405.1,
3673152.0,      15.5,      15.5,       0.0);
     ( 464425.1, 3673152.0,      15.9,      15.9,       0.0);         ( 464445.1,
3673152.0,      16.3,      16.3,       0.0);
     ( 464465.1, 3673152.0,      17.0,      17.0,       0.0);         ( 464485.1,
3673152.0,      18.0,      18.0,       0.0);
     ( 464505.1, 3673152.0,      18.7,      18.7,       0.0);         ( 464525.1,
3673152.0,      19.4,      19.4,       0.0);
     ( 464545.1, 3673152.0,      20.1,      20.1,       0.0);         ( 464565.1,
3673152.0,      20.5,      20.5,       0.0);
     ( 464585.1, 3673152.0,      20.8,      20.8,       0.0);         ( 464605.1,
3673152.0,      21.1,      21.1,       0.0);
     ( 464045.1, 3673172.0,       6.0,      13.6,       0.0);         ( 464065.1,
3673172.0,      10.0,      13.6,       0.0);
     ( 464085.1, 3673172.0,      12.9,      12.9,       0.0);         ( 464105.1,
3673172.0,      13.0,      13.0,       0.0);
     ( 464125.1, 3673172.0,      13.2,      13.2,       0.0);         ( 464145.1,
3673172.0,      13.2,      13.2,       0.0);
     ( 464165.1, 3673172.0,      13.2,      13.2,       0.0);         ( 464185.1,
3673172.0,      13.5,      13.5,       0.0);
     ( 464205.1, 3673172.0,      13.9,      13.9,       0.0);         ( 464225.1,
3673172.0,      13.9,      13.9,       0.0);
     ( 464245.1, 3673172.0,      14.1,      14.1,       0.0);         ( 464265.1,
3673172.0,      14.6,      14.6,       0.0);
     ( 464285.1, 3673172.0,      15.0,      15.0,       0.0);         ( 464305.1,
3673172.0,      15.0,      15.0,       0.0);
     ( 464325.1, 3673172.0,      14.7,      14.7,       0.0);         ( 464345.1,
3673172.0,      14.6,      14.6,       0.0);
     ( 464365.1, 3673172.0,      15.0,      15.0,       0.0);         ( 464385.1,
3673172.0,      15.3,      15.3,       0.0);
     ( 464405.1, 3673172.0,      15.8,      15.8,       0.0);         ( 464425.1,
3673172.0,      16.2,      16.2,       0.0);
     ( 464445.1, 3673172.0,      16.6,      16.6,       0.0);         ( 464465.1,
3673172.0,      17.5,      17.5,       0.0);
     ( 464485.1, 3673172.0,      18.8,      18.8,       0.0);         ( 464505.1,
3673172.0,      19.4,      19.4,       0.0);
     ( 464525.1, 3673172.0,      19.9,      19.9,       0.0);         ( 464545.1,
3673172.0,      20.4,      20.4,       0.0);
     ( 464565.1, 3673172.0,      20.7,      20.7,       0.0);         ( 464585.1,
3673172.0,      20.8,      20.8,       0.0);
```

(464605.1, 3673172.0, 21.0, 21.0, 0.0); (464045.1, 3673192.0, 9.1, 13.6, 0.0);
(464065.1, 3673192.0, 11.8, 13.6, 0.0); (464085.1, 3673192.0, 13.2, 13.2, 0.0);
(464105.1, 3673192.0, 12.9, 12.9, 0.0); (464125.1, 3673192.0, 13.2, 13.2, 0.0);
(464145.1, 3673192.0, 13.2, 13.2, 0.0); (464165.1, 3673192.0, 13.3, 13.3, 0.0);
(464185.1, 3673192.0, 13.5, 13.5, 0.0); (464205.1, 3673192.0, 13.8, 13.8, 0.0);
(464225.1, 3673192.0, 14.2, 14.2, 0.0); (464245.1, 3673192.0, 14.5, 14.5, 0.0);
(464265.1, 3673192.0, 14.8, 14.8, 0.0); (464285.1, 3673192.0, 15.0, 15.0, 0.0);
(464305.1, 3673192.0, 14.7, 14.7, 0.0); (464325.1, 3673192.0, 14.9, 14.9, 0.0);
(464345.1, 3673192.0, 15.1, 15.1, 0.0); (464365.1, 3673192.0, 15.2, 15.2, 0.0);
(464385.1, 3673192.0, 15.6, 15.6, 0.0); (464405.1, 3673192.0, 16.0, 16.0, 0.0);
(464425.1, 3673192.0, 16.3, 16.3, 0.0); (464445.1, 3673192.0, 16.8, 16.8, 0.0);

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

(464465.1, 3673192.0, 17.7, 17.7, 0.0); (464485.1, 3673192.0, 19.3, 19.3, 0.0);
(464505.1, 3673192.0, 19.8, 19.8, 0.0); (464525.1, 3673192.0, 20.1, 20.1, 0.0);
(464545.1, 3673192.0, 20.4, 20.4, 0.0); (464565.1, 3673192.0, 20.4, 20.4, 0.0);
(464585.1, 3673192.0, 20.7, 20.7, 0.0); (464605.1, 3673192.0, 20.9, 20.9, 0.0);
(464045.1, 3673212.0, 11.2, 11.2, 0.0); (464065.1, 3673212.0, 12.7, 12.7, 0.0);
(464085.1, 3673212.0, 13.2, 13.2, 0.0); (464105.1, 3673212.0, 13.0, 13.0, 0.0);
(464125.1, 3673212.0, 13.2, 13.2, 0.0); (464145.1, 3673212.0, 13.2, 13.2, 0.0);
(464165.1, 3673212.0, 13.4, 13.4, 0.0); (464185.1, 3673212.0, 13.7, 13.7, 0.0);

```
     ( 464205.1, 3673212.0,      13.9,      13.9,       0.0);         ( 464225.1,
3673212.0,      14.4,      14.4,       0.0);
     ( 464245.1, 3673212.0,      14.7,      14.7,       0.0);         ( 464265.1,
3673212.0,      14.9,      14.9,       0.0);
     ( 464285.1, 3673212.0,      14.8,      14.8,       0.0);         ( 464305.1,
3673212.0,      14.7,      14.7,       0.0);
     ( 464325.1, 3673212.0,      15.1,      15.1,       0.0);         ( 464345.1,
3673212.0,      15.4,      15.4,       0.0);
     ( 464365.1, 3673212.0,      15.5,      15.5,       0.0);         ( 464385.1,
3673212.0,      15.8,      15.8,       0.0);
     ( 464405.1, 3673212.0,      16.1,      16.1,       0.0);         ( 464425.1,
3673212.0,      16.5,      16.5,       0.0);
     ( 464445.1, 3673212.0,      17.1,      17.1,       0.0);         ( 464465.1,
3673212.0,      18.0,      18.0,       0.0);
     ( 464485.1, 3673212.0,      19.6,      19.6,       0.0);         ( 464505.1,
3673212.0,      20.0,      20.0,       0.0);
     ( 464525.1, 3673212.0,      20.2,      20.2,       0.0);         ( 464545.1,
3673212.0,      20.6,      20.6,       0.0);
     ( 464565.1, 3673212.0,      20.7,      20.7,       0.0);         ( 464585.1,
3673212.0,      21.0,      21.0,       0.0);
     ( 464605.1, 3673212.0,      21.1,      21.1,       0.0);         ( 464045.1,
3673232.0,      12.3,      12.3,       0.0);
     ( 464065.1, 3673232.0,      12.6,      12.6,       0.0);         ( 464085.1,
3673232.0,      13.0,      13.0,       0.0);
     ( 464105.1, 3673232.0,      13.1,      13.1,       0.0);         ( 464125.1,
3673232.0,      13.1,      13.1,       0.0);
     ( 464145.1, 3673232.0,      13.1,      13.1,       0.0);         ( 464165.1,
3673232.0,      13.4,      13.4,       0.0);
     ( 464185.1, 3673232.0,      13.9,      13.9,       0.0);         ( 464205.1,
3673232.0,      14.4,      14.4,       0.0);
     ( 464225.1, 3673232.0,      14.5,      14.5,       0.0);         ( 464245.1,
3673232.0,      14.8,      14.8,       0.0);
     ( 464265.1, 3673232.0,      14.8,      14.8,       0.0);         ( 464285.1,
3673232.0,      14.4,      14.4,       0.0);
     ( 464305.1, 3673232.0,      15.0,      15.0,       0.0);         ( 464325.1,
3673232.0,      15.2,      15.2,       0.0);
     ( 464345.1, 3673232.0,      15.5,      15.5,       0.0);         ( 464365.1,
3673232.0,      15.8,      15.8,       0.0);
     ( 464385.1, 3673232.0,      16.0,      16.0,       0.0);         ( 464405.1,
3673232.0,      16.3,      16.3,       0.0);
     ( 464425.1, 3673232.0,      16.8,      16.8,       0.0);         ( 464445.1,
3673232.0,      17.4,      17.4,       0.0);
     ( 464465.1, 3673232.0,      18.3,      18.3,       0.0);         ( 464485.1,
3673232.0,      19.6,      19.6,       0.0);
     ( 464505.1, 3673232.0,      20.0,      20.0,       0.0);         ( 464525.1,
3673232.0,      20.3,      20.3,       0.0);
     ( 464545.1, 3673232.0,      21.0,      21.0,       0.0);         ( 464565.1,
3673232.0,      21.2,      21.2,       0.0);
     ( 464585.1, 3673232.0,      21.6,      21.6,       0.0);         ( 464605.1,
3673232.0,      21.7,      21.7,       0.0);
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(464045.1, 3673252.0, 12.9, 12.9, 0.0); (464065.1, 3673252.0, 12.9, 12.9, 0.0);
(464085.1, 3673252.0, 13.0, 13.0, 0.0); (464105.1, 3673252.0, 13.0, 13.0, 0.0);
(464125.1, 3673252.0, 13.2, 13.2, 0.0); (464145.1, 3673252.0, 13.4, 13.4, 0.0);
(464165.1, 3673252.0, 13.7, 13.7, 0.0); (464185.1, 3673252.0, 14.0, 14.0, 0.0);
(464205.1, 3673252.0, 14.4, 14.4, 0.0); (464225.1, 3673252.0, 14.7, 14.7, 0.0);
(464245.1, 3673252.0, 14.8, 14.8, 0.0); (464265.1, 3673252.0, 14.6, 14.6, 0.0);
(464285.1, 3673252.0, 14.4, 14.4, 0.0); (464305.1, 3673252.0, 14.9, 14.9, 0.0);
(464325.1, 3673252.0, 15.2, 15.2, 0.0); (464345.1, 3673252.0, 15.5, 15.5, 0.0);
(464365.1, 3673252.0, 15.9, 15.9, 0.0); (464385.1, 3673252.0, 16.1, 16.1, 0.0);
(464405.1, 3673252.0, 17.1, 17.1, 0.0); (464425.1, 3673252.0, 17.7, 17.7, 0.0);
(464445.1, 3673252.0, 18.1, 18.1, 0.0); (464465.1, 3673252.0, 18.9, 18.9, 0.0);
(464485.1, 3673252.0, 19.6, 19.6, 0.0); (464505.1, 3673252.0, 20.0, 20.0, 0.0);

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

(464525.1, 3673252.0, 20.4, 20.4, 0.0); (464545.1, 3673252.0, 21.0, 21.0, 0.0);
(464565.1, 3673252.0, 21.3, 21.3, 0.0); (464585.1, 3673252.0, 22.1, 22.1, 0.0);
(464605.1, 3673252.0, 22.4, 22.4, 0.0); (464045.1, 3673272.0, 13.2, 13.2, 0.0);
(464065.1, 3673272.0, 13.2, 13.2, 0.0); (464085.1, 3673272.0, 13.1, 13.1, 0.0);
(464105.1, 3673272.0, 13.1, 13.1, 0.0); (464125.1, 3673272.0, 13.3, 13.3, 0.0);
(464145.1, 3673272.0, 13.6, 13.6, 0.0); (464165.1, 3673272.0, 13.9, 13.9, 0.0);
(464185.1, 3673272.0, 14.2, 14.2, 0.0); (464205.1, 3673272.0, 14.6, 14.6, 0.0);

```
     ( 464225.1, 3673272.0,      14.9,      14.9,       0.0);         ( 464245.1,
3673272.0,      14.7,      14.7,       0.0);
     ( 464265.1, 3673272.0,      14.5,      14.5,       0.0);         ( 464285.1,
3673272.0,      14.5,      14.5,       0.0);
     ( 464305.1, 3673272.0,      15.0,      15.0,       0.0);         ( 464325.1,
3673272.0,      15.3,      15.3,       0.0);
     ( 464345.1, 3673272.0,      15.6,      15.6,       0.0);         ( 464365.1,
3673272.0,      16.1,      16.1,       0.0);
     ( 464385.1, 3673272.0,      16.7,      16.7,       0.0);         ( 464405.1,
3673272.0,      17.8,      17.8,       0.0);
     ( 464425.1, 3673272.0,      18.3,      18.3,       0.0);         ( 464445.1,
3673272.0,      18.7,      18.7,       0.0);
     ( 464465.1, 3673272.0,      19.3,      19.3,       0.0);         ( 464485.1,
3673272.0,      19.7,      19.7,       0.0);
     ( 464505.1, 3673272.0,      20.0,      20.0,       0.0);         ( 464525.1,
3673272.0,      20.3,      20.3,       0.0);
     ( 464545.1, 3673272.0,      20.8,      20.8,       0.0);         ( 464565.1,
3673272.0,      21.3,      21.3,       0.0);
     ( 464585.1, 3673272.0,      21.8,      21.8,       0.0);         ( 464605.1,
3673272.0,      22.3,      22.3,       0.0);
     ( 464045.1, 3673292.0,      13.3,      13.3,       0.0);         ( 464065.1,
3673292.0,      13.3,      13.3,       0.0);
     ( 464085.1, 3673292.0,      13.3,      13.3,       0.0);         ( 464105.1,
3673292.0,      13.3,      13.3,       0.0);
     ( 464125.1, 3673292.0,      13.3,      13.3,       0.0);         ( 464145.1,
3673292.0,      13.7,      13.7,       0.0);
     ( 464165.1, 3673292.0,      14.1,      14.1,       0.0);         ( 464185.1,
3673292.0,      14.4,      14.4,       0.0);
     ( 464205.1, 3673292.0,      14.8,      14.8,       0.0);         ( 464225.1,
3673292.0,      14.8,      14.8,       0.0);
     ( 464245.1, 3673292.0,      14.5,      14.5,       0.0);         ( 464265.1,
3673292.0,      14.4,      14.4,       0.0);
     ( 464285.1, 3673292.0,      14.9,      14.9,       0.0);         ( 464305.1,
3673292.0,      15.4,      15.4,       0.0);
     ( 464325.1, 3673292.0,      15.6,      15.6,       0.0);         ( 464345.1,
3673292.0,      15.8,      15.8,       0.0);
     ( 464365.1, 3673292.0,      16.3,      16.3,       0.0);         ( 464385.1,
3673292.0,      17.9,      18.2,       0.0);
     ( 464405.1, 3673292.0,      18.2,      18.2,       0.0);         ( 464425.1,
3673292.0,      18.6,      18.6,       0.0);
     ( 464445.1, 3673292.0,      19.2,      19.2,       0.0);         ( 464465.1,
3673292.0,      19.7,      19.7,       0.0);
     ( 464485.1, 3673292.0,      19.9,      19.9,       0.0);         ( 464505.1,
3673292.0,      20.1,      20.1,       0.0);
     ( 464525.1, 3673292.0,      20.2,      20.2,       0.0);         ( 464545.1,
3673292.0,      20.5,      20.5,       0.0);
     ( 464565.1, 3673292.0,      21.2,      21.2,       0.0);         ( 464585.1,
3673292.0,      20.9,      20.9,       0.0);
     ( 464605.1, 3673292.0,      21.4,      21.4,       0.0);         ( 464545.1,
3672412.0,       4.6,      12.2,       0.0);
```

```
     ( 464595.1, 3672412.0,      11.3,      11.3,       0.0);         ( 464645.1,
3672412.0,      12.3,      12.3,       0.0);
     ( 464695.1, 3672412.0,      12.4,      12.4,       0.0);         ( 464745.1,
3672412.0,      13.1,      13.1,       0.0);
     ( 464795.1, 3672412.0,      13.8,      13.8,       0.0);         ( 464845.1,
3672412.0,      14.7,      14.7,       0.0);
     ( 464895.1, 3672412.0,      14.9,      14.9,       0.0);         ( 464495.1,
3672462.0,       3.9,      12.3,       0.0);
     ( 464545.1, 3672462.0,       9.1,      12.0,       0.0);         ( 464595.1,
3672462.0,      12.2,      12.2,       0.0);
     ( 464645.1, 3672462.0,      12.6,      12.6,       0.0);         ( 464695.1,
3672462.0,      13.1,      13.1,       0.0);
     ( 464745.1, 3672462.0,      14.1,      14.1,       0.0);         ( 464795.1,
3672462.0,      15.2,      15.2,       0.0);
     ( 464845.1, 3672462.0,      15.2,      15.2,       0.0);         ( 464895.1,
3672462.0,      15.8,      15.8,       0.0);
     ( 464495.1, 3672512.0,       7.7,      12.3,       0.0);         ( 464545.1,
3672512.0,      12.2,      12.2,       0.0);
     ( 464595.1, 3672512.0,      12.6,      12.6,       0.0);         ( 464645.1,
3672512.0,      13.0,      13.0,       0.0);
     ( 464695.1, 3672512.0,      13.7,      13.7,       0.0);         ( 464745.1,
3672512.0,      15.2,      15.2,       0.0);
     ( 464795.1, 3672512.0,      15.4,      15.4,       0.0);         ( 464845.1,
3672512.0,      15.9,      15.9,       0.0);
     ( 464895.1, 3672512.0,      16.8,      16.8,       0.0);         ( 464445.1,
3672562.0,       5.2,      12.8,       0.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

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

     ( 464495.1, 3672562.0,      12.1,      12.1,       0.0);         ( 464545.1,
3672562.0,      12.4,      12.4,       0.0);
     ( 464595.1, 3672562.0,      12.8,      12.8,       0.0);         ( 464645.1,
3672562.0,      13.7,      13.7,       0.0);
     ( 464695.1, 3672562.0,      14.4,      14.4,       0.0);         ( 464745.1,
3672562.0,      15.8,      15.8,       0.0);
     ( 464795.1, 3672562.0,      16.3,      16.3,       0.0);         ( 464845.1,
3672562.0,      17.2,      17.2,       0.0);
     ( 464895.1, 3672562.0,      17.8,      17.8,       0.0);         ( 464395.1,
3672612.0,       4.3,      12.9,       0.0);
     ( 464445.1, 3672612.0,       9.4,      12.4,       0.0);         ( 464495.1,
3672612.0,      12.7,      12.7,       0.0);
```

```
     ( 464545.1, 3672612.0,      12.8,      12.8,       0.0);         ( 464595.1,
3672612.0,      13.3,      13.3,       0.0);
     ( 464645.1, 3672612.0,      14.4,      14.4,       0.0);         ( 464695.1,
3672612.0,      15.7,      15.7,       0.0);
     ( 464745.1, 3672612.0,      16.4,      16.4,       0.0);         ( 464795.1,
3672612.0,      17.3,      17.3,       0.0);
     ( 464845.1, 3672612.0,      18.7,      18.7,       0.0);         ( 464895.1,
3672612.0,      19.1,      19.1,       0.0);
     ( 464345.1, 3672662.0,       4.0,      13.0,       0.0);         ( 464395.1,
3672662.0,       9.4,      12.6,       0.0);
     ( 464445.1, 3672662.0,      12.8,      12.8,       0.0);         ( 464495.1,
3672662.0,      12.9,      12.9,       0.0);
     ( 464545.1, 3672662.0,      13.2,      13.2,       0.0);         ( 464595.1,
3672662.0,      14.3,      14.3,       0.0);
     ( 464645.1, 3672662.0,      15.3,      15.3,       0.0);         ( 464695.1,
3672662.0,      16.1,      16.1,       0.0);
     ( 464745.1, 3672662.0,      16.8,      16.8,       0.0);         ( 464795.1,
3672662.0,      18.6,      18.6,       0.0);
     ( 464845.1, 3672662.0,      19.6,      19.6,       0.0);         ( 464895.1,
3672662.0,      20.1,      20.1,       0.0);
     ( 464645.1, 3672712.0,      16.1,      16.1,       0.0);         ( 464695.1,
3672712.0,      16.6,      16.6,       0.0);
     ( 464745.1, 3672712.0,      17.8,      17.8,       0.0);         ( 464795.1,
3672712.0,      20.0,      20.0,       0.0);
     ( 464845.1, 3672712.0,      20.7,      20.7,       0.0);         ( 464895.1,
3672712.0,      20.7,      20.7,       0.0);
     ( 464645.1, 3672762.0,      16.2,      16.2,       0.0);         ( 464695.1,
3672762.0,      18.1,      18.1,       0.0);
     ( 464745.1, 3672762.0,      20.4,      20.4,       0.0);         ( 464795.1,
3672762.0,      21.1,      21.1,       0.0);
     ( 464845.1, 3672762.0,      21.0,      21.0,       0.0);         ( 464895.1,
3672762.0,      21.4,      21.4,       0.0);
     ( 464645.1, 3672812.0,      17.5,      17.5,       0.0);         ( 464695.1,
3672812.0,      19.5,      19.5,       0.0);
     ( 464745.1, 3672812.0,      21.0,      21.0,       0.0);         ( 464795.1,
3672812.0,      21.3,      21.3,       0.0);
     ( 464845.1, 3672812.0,      21.3,      21.3,       0.0);         ( 464895.1,
3672812.0,      22.0,      22.0,       0.0);
     ( 464645.1, 3672862.0,      18.6,      18.6,       0.0);         ( 464695.1,
3672862.0,      20.5,      20.5,       0.0);
     ( 464745.1, 3672862.0,      21.3,      21.3,       0.0);         ( 464795.1,
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     ( 464845.1, 3672862.0,      21.7,      21.7,       0.0);         ( 464895.1,
3672862.0,      22.5,      22.5,       0.0);
     ( 464645.1, 3672912.0,      19.3,      19.3,       0.0);         ( 464695.1,
3672912.0,      20.9,      20.9,       0.0);
     ( 464745.1, 3672912.0,      21.2,      21.2,       0.0);         ( 464795.1,
3672912.0,      21.3,      21.3,       0.0);
     ( 464845.1, 3672912.0,      21.8,      21.8,       0.0);         ( 464895.1,
3672912.0,      23.3,      23.3,       0.0);
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     ( 464645.1, 3672962.0,      20.1,      20.1,       0.0);         ( 464695.1,
3672962.0,      21.0,      21.0,       0.0);
     ( 464745.1, 3672962.0,      21.4,      21.4,       0.0);         ( 464795.1,
3672962.0,      21.6,      21.6,       0.0);
     ( 464845.1, 3672962.0,      22.9,      22.9,       0.0);         ( 464895.1,
3672962.0,      23.9,      23.9,       0.0);
     ( 464645.1, 3673012.0,      21.1,      21.1,       0.0);         ( 464695.1,
3673012.0,      21.5,      21.5,       0.0);
     ( 464745.1, 3673012.0,      21.5,      21.5,       0.0);         ( 464795.1,
3673012.0,      22.4,      22.4,       0.0);
     ( 464845.1, 3673012.0,      24.3,      24.3,       0.0);         ( 464895.1,
3673012.0,      24.9,      24.9,       0.0);
     ( 464645.1, 3673062.0,      21.1,      21.1,       0.0);         ( 464695.1,
3673062.0,      21.6,      21.6,       0.0);
     ( 464745.1, 3673062.0,      21.7,      21.7,       0.0);         ( 464795.1,
3673062.0,      23.5,      23.5,       0.0);
     ( 464845.1, 3673062.0,      24.7,      24.7,       0.0);         ( 464895.1,
3673062.0,      25.5,      25.5,       0.0);
     ( 464645.1, 3673112.0,      21.4,      21.4,       0.0);         ( 464695.1,
3673112.0,      21.6,      21.6,       0.0);
     ( 464745.1, 3673112.0,      22.7,      22.7,       0.0);         ( 464795.1,
3673112.0,      24.4,      24.4,       0.0);
     ( 464845.1, 3673112.0,      25.4,      25.4,       0.0);         ( 464895.1,
3673112.0,      26.4,      26.4,       0.0);
     ( 464645.1, 3673162.0,      21.4,      21.4,       0.0);         ( 464695.1,
3673162.0,      22.3,      22.3,       0.0);
     ( 464745.1, 3673162.0,      23.7,      23.7,       0.0);         ( 464795.1,
3673162.0,      24.9,      24.9,       0.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

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

     ( 464845.1, 3673162.0,      25.7,      25.7,       0.0);         ( 464895.1,
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     ( 463995.1, 3673212.0,       5.3,      13.6,       0.0);         ( 464645.1,
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     ( 464695.1, 3673212.0,      23.2,      23.2,       0.0);         ( 464745.1,
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     ( 464795.1, 3673212.0,      26.1,      26.1,       0.0);         ( 464845.1,
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     ( 464895.1, 3673212.0,      28.9,      28.9,       0.0);         ( 463945.1,
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     ( 464695.1, 3673262.0,      24.0,      24.0,       0.0);         ( 464745.1,
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     ( 464795.1, 3673262.0,      26.6,      26.6,       0.0);         ( 464845.1,
3673262.0,      28.5,      28.5,       0.0);
     ( 464895.1, 3673262.0,      30.3,      30.3,       0.0);         ( 463895.1,
3673312.0,       4.2,      14.3,       0.0);
     ( 463945.1, 3673312.0,       5.2,      14.3,       0.0);         ( 463995.1,
3673312.0,      12.8,      12.8,       0.0);
     ( 464045.1, 3673312.0,      13.3,      13.3,       0.0);         ( 464095.1,
3673312.0,      13.5,      13.5,       0.0);
     ( 464145.1, 3673312.0,      14.2,      14.2,       0.0);         ( 464195.1,
3673312.0,      14.6,      14.6,       0.0);
     ( 464245.1, 3673312.0,      14.5,      14.5,       0.0);         ( 464295.1,
3673312.0,      15.3,      15.3,       0.0);
     ( 464345.1, 3673312.0,      16.1,      16.1,       0.0);         ( 464395.1,
3673312.0,      18.1,      18.1,       0.0);
     ( 464445.1, 3673312.0,      19.4,      19.4,       0.0);         ( 464495.1,
3673312.0,      20.5,      20.5,       0.0);
     ( 464545.1, 3673312.0,      20.7,      20.7,       0.0);         ( 464595.1,
3673312.0,      21.3,      21.3,       0.0);
     ( 464645.1, 3673312.0,      23.5,      23.5,       0.0);         ( 464695.1,
3673312.0,      24.8,      24.8,       0.0);
     ( 464745.1, 3673312.0,      26.0,      26.0,       0.0);         ( 464795.1,
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     ( 464845.1, 3673312.0,      29.8,      29.8,       0.0);         ( 464895.1,
3673312.0,      31.7,      31.7,       0.0);
     ( 463895.1, 3673362.0,       4.3,      14.4,       0.0);         ( 463945.1,
3673362.0,      13.4,      14.1,       0.0);
     ( 463995.1, 3673362.0,      13.7,      13.7,       0.0);         ( 464045.1,
3673362.0,      13.7,      13.7,       0.0);
     ( 464095.1, 3673362.0,      13.8,      13.8,       0.0);         ( 464145.1,
3673362.0,      14.2,      14.2,       0.0);
     ( 464195.1, 3673362.0,      14.2,      14.2,       0.0);         ( 464245.1,
3673362.0,      14.6,      14.6,       0.0);
     ( 464295.1, 3673362.0,      15.6,      15.6,       0.0);         ( 464345.1,
3673362.0,      17.5,      17.5,       0.0);
     ( 464395.1, 3673362.0,      19.1,      19.1,       0.0);         ( 464445.1,
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     ( 464495.1, 3673362.0,      21.2,      21.2,       0.0);         ( 464545.1,
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     ( 464595.1, 3673362.0,      22.7,      22.7,       0.0);         ( 464645.1,
3673362.0,      24.1,      24.1,       0.0);
     ( 464695.1, 3673362.0,      25.9,      25.9,       0.0);         ( 464745.1,
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     ( 464795.1, 3673362.0,      28.4,      28.4,       0.0);         ( 464845.1,
3673362.0,      31.4,      31.4,       0.0);
     ( 464895.1, 3673362.0,      34.6,      34.6,       0.0);         ( 463845.1,
3673412.0,       4.4,      14.5,       0.0);
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(463995.1, 3673412.0, 13.6, 13.6, 0.0); (464045.1, 3673412.0, 13.8, 13.8, 0.0);
(464095.1, 3673412.0, 13.9, 13.9, 0.0); (464145.1, 3673412.0, 14.4, 14.4, 0.0);
(464195.1, 3673412.0, 14.9, 14.9, 0.0); (464245.1, 3673412.0, 15.3, 15.3, 0.0);
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(464145.1, 3673462.0, 14.5, 14.5, 0.0); (464195.1, 3673462.0, 15.2, 15.2, 0.0);

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

(464245.1, 3673462.0, 16.1, 16.1, 0.0); (464295.1, 3673462.0, 18.0, 18.0, 0.0);
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(464445.1, 3673462.0, 20.9, 20.9, 0.0); (464495.1, 3673462.0, 21.5, 21.5, 0.0);
(464545.1, 3673462.0, 22.7, 22.7, 0.0); (464595.1, 3673462.0, 24.4, 24.4, 0.0);

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     ( 464645.1, 3673462.0,      25.8,      25.8,       0.0);         ( 464695.1,
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     ( 464745.1, 3673462.0,      28.9,      28.9,       0.0);         ( 464795.1,
3673462.0,      31.6,      31.6,       0.0);
     ( 464845.1, 3673462.0,      35.5,      35.5,       0.0);         ( 464895.1,
3673462.0,      37.4,      37.4,       0.0);
     ( 463795.1, 3673512.0,       4.2,      14.5,       0.0);         ( 463845.1,
3673512.0,      12.8,      12.8,       0.0);
     ( 463895.1, 3673512.0,      13.7,      13.7,       0.0);         ( 463945.1,
3673512.0,      13.9,      13.9,       0.0);
     ( 463995.1, 3673512.0,      12.5,      12.5,       0.0);         ( 464045.1,
3673512.0,      14.5,      14.5,       0.0);
     ( 464095.1, 3673512.0,      14.4,      14.4,       0.0);         ( 464145.1,
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     ( 464195.1, 3673512.0,      15.6,      15.6,       0.0);         ( 464245.1,
3673512.0,      16.7,      16.7,       0.0);
     ( 464295.1, 3673512.0,      19.0,      19.0,       0.0);         ( 464345.1,
3673512.0,      19.8,      19.8,       0.0);
     ( 464395.1, 3673512.0,      20.9,      20.9,       0.0);         ( 464445.1,
3673512.0,      21.4,      21.4,       0.0);
     ( 464495.1, 3673512.0,      22.2,      22.2,       0.0);         ( 464545.1,
3673512.0,      24.1,      24.1,       0.0);
     ( 464595.1, 3673512.0,      25.4,      25.4,       0.0);         ( 464645.1,
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     ( 464695.1, 3673512.0,      28.7,      28.7,       0.0);         ( 464745.1,
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     ( 464895.1, 3673512.0,      37.2,      37.2,       0.0);         ( 463745.1,
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     ( 463895.1, 3673562.0,      14.2,      14.2,       0.0);         ( 463945.1,
3673562.0,      11.4,      13.6,       0.0);
     ( 463995.1, 3673562.0,      12.5,      12.5,       0.0);         ( 464045.1,
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     ( 464095.1, 3673562.0,      14.7,      14.7,       0.0);         ( 464145.1,
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     ( 464195.1, 3673562.0,      17.0,      17.0,       0.0);         ( 464245.1,
3673562.0,      18.2,      18.2,       0.0);
     ( 464295.1, 3673562.0,      19.3,      19.3,       0.0);         ( 464345.1,
3673562.0,      20.4,      20.4,       0.0);
     ( 464395.1, 3673562.0,      21.2,      21.2,       0.0);         ( 464445.1,
3673562.0,      22.3,      22.3,       0.0);
     ( 464495.1, 3673562.0,      22.7,      22.7,       0.0);         ( 464545.1,
3673562.0,      24.1,      24.1,       0.0);
     ( 464595.1, 3673562.0,      25.0,      25.0,       0.0);         ( 464645.1,
3673562.0,      26.9,      26.9,       0.0);
     ( 464695.1, 3673562.0,      29.5,      29.5,       0.0);         ( 464745.1,
3673562.0,      32.3,      32.3,       0.0);
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(464895.1, 3673562.0, 39.7, 39.7, 0.0); (463745.1, 3673612.0, 4.4, 4.4, 0.0);
(463795.1, 3673612.0, 7.2, 7.2, 0.0); (463845.1, 3673612.0, 8.7, 8.7, 0.0);
(463895.1, 3673612.0, 8.1, 14.4, 0.0); (463945.1, 3673612.0, 10.0, 14.1, 0.0);
(463995.1, 3673612.0, 13.7, 13.7, 0.0); (464045.1, 3673612.0, 14.7, 14.7, 0.0);
(464095.1, 3673612.0, 15.1, 15.1, 0.0); (464145.1, 3673612.0, 15.8, 15.8, 0.0);
(464195.1, 3673612.0, 17.6, 17.6, 0.0); (464245.1, 3673612.0, 18.9, 18.9, 0.0);
(464295.1, 3673612.0, 20.2, 20.2, 0.0); (464345.1, 3673612.0, 20.9, 20.9, 0.0);
(464395.1, 3673612.0, 22.0, 22.0, 0.0); (464445.1, 3673612.0, 23.2, 23.2, 0.0);
(464495.1, 3673612.0, 24.2, 24.2, 0.0); (464545.1, 3673612.0, 24.8, 24.8, 0.0);
(464595.1, 3673612.0, 25.8, 25.8, 0.0); (464645.1, 3673612.0, 28.0, 28.0, 0.0);
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(464895.1, 3673612.0, 40.1, 40.1, 0.0); (464945.1, 3671912.0, 7.1, 7.1, 0.0);
(465045.1, 3671912.0, 9.9, 9.9, 0.0); (465145.1, 3671912.0, 12.9, 12.9, 0.0);
(465245.1, 3671912.0, 16.1, 16.1, 0.0); (465345.1, 3671912.0, 18.2, 18.2, 0.0);

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

(465445.1, 3671912.0, 18.7, 18.7, 0.0); (464845.1, 3672012.0, 4.6, 10.7, 0.0);
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(465145.1, 3672012.0, 13.7, 13.7, 0.0); (465245.1, 3672012.0, 16.9, 16.9, 0.0);

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     ( 464745.1, 3672112.0,       3.7,      10.9,       0.0);         ( 464845.1,
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     ( 464945.1, 3672112.0,      11.7,      11.7,       0.0);         ( 465045.1,
3672112.0,      13.3,      13.3,       0.0);
     ( 465145.1, 3672112.0,      15.1,      15.1,       0.0);         ( 465245.1,
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     ( 465345.1, 3672112.0,      20.5,      20.5,       0.0);         ( 465445.1,
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     ( 464745.1, 3672212.0,      10.9,      11.2,       0.0);         ( 464845.1,
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     ( 464945.1, 3672212.0,      13.1,      13.1,       0.0);         ( 465045.1,
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     ( 465145.1, 3672212.0,      16.6,      16.6,       0.0);         ( 465245.1,
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     ( 465345.1, 3672212.0,      21.4,      21.4,       0.0);         ( 465445.1,
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     ( 464645.1, 3672312.0,       6.3,      12.1,       0.0);         ( 464745.1,
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     ( 465045.1, 3672312.0,      15.7,      15.7,       0.0);         ( 465145.1,
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     ( 465245.1, 3672312.0,      20.6,      20.6,       0.0);         ( 465345.1,
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     ( 465445.1, 3672312.0,      24.3,      24.3,       0.0);         ( 464945.1,
3672412.0,      15.7,      15.7,       0.0);
     ( 465045.1, 3672412.0,      17.7,      17.7,       0.0);         ( 465145.1,
3672412.0,      19.1,      19.1,       0.0);
     ( 465245.1, 3672412.0,      21.7,      21.7,       0.0);         ( 465345.1,
3672412.0,      24.3,      24.3,       0.0);
     ( 465445.1, 3672412.0,      27.0,      27.0,       0.0);         ( 464945.1,
3672512.0,      17.5,      17.5,       0.0);
     ( 465045.1, 3672512.0,      18.9,      18.9,       0.0);         ( 465145.1,
3672512.0,      20.6,      20.6,       0.0);
     ( 465245.1, 3672512.0,      23.1,      23.1,       0.0);         ( 465345.1,
3672512.0,      26.8,      26.8,       0.0);
     ( 465445.1, 3672512.0,      31.6,      31.6,       0.0);         ( 464945.1,
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     ( 465045.1, 3672612.0,      20.5,      20.5,       0.0);         ( 465145.1,
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     ( 465245.1, 3672612.0,      25.6,      25.6,       0.0);         ( 465345.1,
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     ( 465445.1, 3672612.0,      37.6,      44.9,       0.0);         ( 464945.1,
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     ( 465245.1, 3672712.0,      27.7,      41.8,       0.0);         ( 465345.1,
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     ( 465245.1, 3672812.0,      31.3,      43.9,       0.0);         ( 465345.1,
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     ( 465445.1, 3672812.0,      42.6,      42.6,       0.0);         ( 464945.1,
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     ( 465045.1, 3672912.0,      26.5,      26.5,       0.0);         ( 465145.1,
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     ( 465245.1, 3672912.0,      37.3,      40.2,       0.0);         ( 465345.1,
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     ( 465245.1, 3673012.0,      40.2,      40.2,       0.0);         ( 465345.1,
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     ( 465045.1, 3673112.0,      32.3,      37.2,       0.0);         ( 465145.1,
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     ( 465245.1, 3673112.0,      40.0,      40.0,       0.0);         ( 465345.1,
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     ( 465445.1, 3673112.0,      40.1,      40.1,       0.0);         ( 464945.1,
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     ( 465045.1, 3673312.0,      38.8,      38.8,       0.0);         ( 465145.1,
3673312.0,      37.7,      37.7,       0.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

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

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     ( 465245.1, 3673412.0,      36.6,      36.6,       0.0);         ( 465345.1,
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     ( 465345.1, 3673612.0,      37.4,      43.6,       0.0);         ( 465445.1,
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     ( 464045.1, 3673712.0,      15.5,      15.5,       0.0);         ( 464145.1,
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     ( 464245.1, 3673712.0,      19.6,      19.6,       0.0);         ( 464345.1,
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     ( 464645.1, 3673712.0,      31.0,      34.0,       0.0);         ( 464745.1,
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     ( 464845.1, 3673712.0,      37.0,      41.3,       0.0);         ( 465145.1,
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     ( 465445.1, 3673712.0,      41.5,      41.5,       0.0);         ( 463745.1,
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     ( 464045.1, 3673812.0,      16.3,      16.3,       0.0);         ( 464145.1,
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     ( 464245.1, 3673812.0,      20.0,      20.0,       0.0);         ( 464345.1,
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     ( 464445.1, 3673812.0,      27.3,      33.7,       0.0);         ( 464545.1,
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     ( 464645.1, 3673812.0,      32.6,      32.6,       0.0);         ( 464745.1,
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     ( 465345.1, 3673812.0,      40.3,      40.3,       0.0);         ( 465445.1,
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(464145.1, 3673912.0, 18.1, 18.1, 0.0); (464545.1, 3673912.0, 29.5, 38.6, 0.0);
(464645.1, 3673912.0, 36.5, 36.5, 0.0); (464745.1, 3673912.0, 36.7, 36.7, 0.0);
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(463545.1, 3674112.0, 1.4, 1.4, 0.0); (463645.1, 3674112.0, 1.4, 1.4, 0.0);
(463745.1, 3674112.0, 3.1, 8.8, 0.0); (463845.1, 3674112.0, 3.6, 3.6, 0.0);
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(465645.1, 3670912.0, 4.0, 12.5, 0.0); (465845.1, 3670912.0, 11.8, 13.1, 0.0);
(466045.1, 3670912.0, 13.1, 13.1, 0.0); (466245.1, 3670912.0, 13.2, 13.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

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

(466445.1, 3670912.0, 15.5, 15.5, 0.0); (465645.1, 3671112.0, 2.6, 2.6, 0.0);

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     ( 465445.1, 3671312.0,       6.4,      11.4,       0.0);         ( 465645.1,
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     ( 465845.1, 3671312.0,       4.1,       4.1,       0.0);         ( 466045.1,
3671312.0,      15.0,      15.0,       0.0);
     ( 466245.1, 3671312.0,      16.5,      16.5,       0.0);         ( 466445.1,
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     ( 465245.1, 3671512.0,      10.6,      10.6,       0.0);         ( 465445.1,
3671512.0,      12.1,      12.1,       0.0);
     ( 465645.1, 3671512.0,      11.0,      11.0,       0.0);         ( 465845.1,
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     ( 466445.1, 3671512.0,      20.2,      20.2,       0.0);         ( 465045.1,
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     ( 465245.1, 3671712.0,      12.8,      12.8,       0.0);         ( 465445.1,
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     ( 465845.1, 3673112.0,      28.4,      42.6,       0.0);         ( 466045.1,
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     ( 466445.1, 3674112.0,      47.5,      55.1,       0.0);         ( 463245.1,
3674312.0,       1.4,       1.4,       0.0);
     ( 463445.1, 3674312.0,      12.7,      12.7,       0.0);         ( 463645.1,
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 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)
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     ( 463245.1, 3674512.0,       2.9,      12.6,       0.0);         ( 463445.1,
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     ( 463645.1, 3674512.0,      15.0,      15.0,       0.0);         ( 463845.1,
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     ( 464045.1, 3674512.0,      22.6,      22.6,       0.0);         ( 464245.1,
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3674712.0,      15.5,      15.5,       0.0);
     ( 463845.1, 3674712.0,      22.0,      22.0,       0.0);         ( 464045.1,
3674712.0,      24.9,      24.9,       0.0);
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3674712.0,      13.2,      32.3,       0.0);
     ( 465045.1, 3674712.0,      37.6,      37.6,       0.0);         ( 465245.1,
3674712.0,      44.0,      44.0,       0.0);
     ( 465445.1, 3674712.0,      47.0,      47.0,       0.0);         ( 465645.1,
3674712.0,      54.1,      54.1,       0.0);
     ( 465845.1, 3674712.0,      17.7,      67.7,       0.0);         ( 466045.1,
3674712.0,      53.2,      56.6,       0.0);
     ( 466245.1, 3674712.0,      65.5,      65.5,       0.0);         ( 466445.1,
3674712.0,      68.9,      68.9,       0.0);
     ( 463245.1, 3674912.0,       1.8,      13.2,       0.0);         ( 463445.1,
3674912.0,      14.2,      14.2,       0.0);
     ( 463645.1, 3674912.0,      15.6,      15.6,       0.0);         ( 463845.1,
3674912.0,      23.7,      23.7,       0.0);
     ( 464045.1, 3674912.0,      28.6,      28.6,       0.0);         ( 464245.1,
3674912.0,      15.8,      40.8,       0.0);
     ( 464445.1, 3674912.0,      21.5,      37.4,       0.0);         ( 464645.1,
3674912.0,      22.5,      43.2,       0.0);
     ( 463245.1, 3675112.0,      10.5,      12.9,       0.0);         ( 463445.1,
3675112.0,      11.4,      16.4,       0.0);
```

```
     ( 463645.1, 3675112.0,      18.3,      20.7,       0.0);         ( 463845.1,
3675112.0,      24.7,      24.7,       0.0);
     ( 464045.1, 3675112.0,      33.9,      33.9,       0.0);         ( 464245.1,
3675112.0,      36.1,      40.2,       0.0);
     ( 464445.1, 3675112.0,      40.4,      40.4,       0.0);         ( 464645.1,
3675112.0,      42.0,      42.0,       0.0);
     ( 464292.0, 3673119.2,      14.1,      14.1,       0.0);         ( 464232.1,
3673080.4,      13.3,      13.3,       0.0);
     ( 464356.2, 3672897.5,      13.4,      13.4,       0.0);         ( 464419.7,
3672940.5,      14.7,      14.7,       0.0);
     ( 463237.9, 3675184.0,      13.4,      13.4,       0.0);         ( 462893.0,
3674680.5,       5.0,       5.0,       0.0);
     ( 463465.5, 3673914.8,       4.6,       4.6,       0.0);         ( 463644.9,
3673956.2,       2.0,       2.0,       0.0);
     ( 464058.7, 3674252.8,       3.2,      25.0,       0.0);         ( 464334.6,
3674521.8,       8.2,      32.3,       0.0);
     ( 464479.5, 3674687.4,       6.0,      32.3,       0.0);         ( 464707.1,
3674887.4,       7.2,      45.7,       0.0);
     ( 464700.2, 3675011.6,      26.7,      43.9,       0.0);         ( 464783.0,
3675170.2,      13.1,      49.6,       0.0);
     ( 466486.7, 3675163.3,       5.2,      78.8,       0.0);         ( 466486.7,
3674846.0,      60.8,      70.1,       0.0);
     ( 465638.3, 3674846.0,      39.3,      54.5,       0.0);         ( 465134.8,
3674859.8,      26.5,      44.3,       0.0);
     ( 464969.2, 3674783.9,      17.5,      44.0,       0.0);         ( 464776.1,
3674597.7,       8.7,      38.7,       0.0);
     ( 464872.7, 3674542.5,      16.4,      38.8,       0.0);         ( 465093.4,
3674314.9,      38.8,      38.8,       0.0);
     ( 465079.6, 3673597.5,      30.7,      38.5,       0.0);         ( 464824.4,
3673728.6,      37.9,      41.0,       0.0);
     ( 464810.6, 3673901.0,      19.2,      41.6,       0.0);         ( 464769.2,
3673949.3,      22.3,      37.7,       0.0);
     ( 464651.9, 3674025.2,      23.5,      38.6,       0.0);         ( 464520.9,
3674245.9,       6.9,      38.6,       0.0);
     ( 464479.5, 3674287.3,       5.9,      35.5,       0.0);         ( 464424.3,
3674252.8,      13.1,      35.0,       0.0);
     ( 464520.9, 3673942.4,      30.1,      38.6,       0.0);         ( 464472.6,
3673873.4,      28.3,      28.3,       0.0);
     ( 464231.2, 3673825.2,      19.8,      19.8,       0.0);         ( 464210.5,
3674094.2,      20.3,      20.3,       0.0);
```


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

(METERS)

(464141.5, 3674170.0, 6.3, 20.8, 0.0); (464100.1, 3674045.9, 11.1, 19.0, 0.0);
(463555.2, 3673701.0, 3.1, 3.1, 0.0); (463658.9, 3673554.6, 2.9, 2.9, 0.0);
(463703.9, 3673572.2, 4.1, 4.1, 0.0); (464021.3, 3673125.6, 4.2, 12.8, 0.0);
(464121.2, 3672996.3, 4.5, 13.8, 0.0); (464107.5, 3672978.7, 3.8, 12.7, 0.0);
(464528.6, 3672406.7, 3.7, 12.2, 0.0); (465611.1, 3670894.3, 3.3, 3.3, 0.0);
(462213.6, 3670882.1, 0.0, 0.0, 0.0); (462220.0, 3675217.1, 1.4, 1.4, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

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

Surface file: Met\CMP_2019-2021_v22112.SFC
Met Version: 22112
Profile file: Met\CMP_2019-2021_v22112.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3177 Name: UNKNOWN Year: 2019
Upper air station no.: 3190 Name: UNKNOWN Year: 2019

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
19	01	01	1	01	-15.3	0.134	-9.000	-9.000	-999.	118.	14.3	0.03	0.36	1.00	3.17	66.	10.0	280.5	10.0
19	01	01	1	02	-9.7	0.094	-9.000	-9.000	-999.	69.	7.7	0.03	0.36	1.00	2.77	58.	10.0	279.9	10.0
19	01	01	1	03	-10.9	0.099	-9.000	-9.000	-999.	75.	8.1	0.03	0.36	1.00	2.95	69.	10.0	279.8	10.0
19	01	01	1	04	-11.4	0.101	-9.000	-9.000	-999.	78.	8.3	0.03	0.36	1.00	3.00	50.	10.0	280.1	10.0
19	01	01	1	05	-22.9	0.202	-9.000	-9.000	-999.	217.	32.3	0.03	0.36	1.00	3.76	22.	10.0	280.9	10.0
19	01	01	1	06	-17.7	0.156	-9.000	-9.000	-999.	148.	19.2	0.03	0.36	1.00	3.31	48.	10.0	280.8	10.0
19	01	01	1	07	-32.5	0.286	-9.000	-9.000	-999.	368.	65.3	0.03	0.36	1.00	4.78	21.	10.0	281.5	10.0
19	01	01	1	08	-34.8	0.456	-9.000	-9.000	-999.	738.	246.7	0.03	0.36	0.48	6.97	35.	10.0	283.2	10.0
19	01	01	1	09	17.8	0.438	0.358	0.005	94.	697.	-430.4	0.03	0.36	0.26	6.39	39.	10.0	284.0	10.0

```
 19 01 01   1 10   44.6  0.397  0.625  0.005  198.  601.   -126.9  0.03   0.36
0.19    5.63   30.   10.0  285.2   10.0
 19 01 01   1 11   63.2  0.373  0.779  0.005  272.  548.    -74.6  0.03   0.36
0.17    5.19   30.   10.0  286.5   10.0
 19 01 01   1 12   72.1  0.403  1.118  0.005  703.  614.    -82.3  0.03   0.36
0.16    5.63   33.   10.0  287.4   10.0
 19 01 01   1 13   71.1  0.307  1.170  0.005  816.  413.    -36.8  0.03   0.36
0.16    4.11   41.   10.0  288.0   10.0
 19 01 01   1 14   60.1  0.313  1.133  0.005  876.  421.    -46.3  0.03   0.36
0.17    4.25   31.   10.0  288.4   10.0
 19 01 01   1 15   39.7  0.250  1.000  0.005  914.  302.    -35.9  0.03   0.36
0.20    3.35   54.   10.0  288.8   10.0
 19 01 01   1 16   11.5  0.188  0.664  0.005  924.  197.    -52.6  0.03   0.36
0.30    2.59   67.   10.0  288.5   10.0
 19 01 01   1 17   -3.1  0.054 -9.000 -9.000 -999.   53.      4.8  0.03   0.36
0.57    1.61   54.   10.0  287.9   10.0
 19 01 01   1 18   -1.8  0.041 -9.000 -9.000 -999.   20.      3.4  0.03   0.36
1.00    1.21   44.   10.0  286.3   10.0
 19 01 01   1 19   -7.6  0.083 -9.000 -9.000 -999.   58.      6.9  0.03   0.36
1.00    2.46    5.   10.0  284.3   10.0
 19 01 01   1 20  -19.9  0.176 -9.000 -9.000 -999.  178.     25.0  0.03   0.36
1.00    3.49   35.   10.0  283.4   10.0
 19 01 01   1 21  -24.2  0.214 -9.000 -9.000 -999.  237.     36.6  0.03   0.36
1.00    3.89   55.   10.0  282.9   10.0
 19 01 01   1 22  -28.4  0.249 -9.000 -9.000 -999.  299.     49.7  0.03   0.36
1.00    4.34   71.   10.0  281.9   10.0
 19 01 01   1 23  -28.1  0.245 -9.000 -9.000 -999.  291.     47.6  0.03   0.36
1.00    4.29   72.   10.0  279.8   10.0
 19 01 01   1 24  -28.6  0.249 -9.000 -9.000 -999.  298.     49.1  0.03   0.36
1.00    4.34   64.   10.0  279.5   10.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 19 01 01 01   10.0 1   66.    3.17   280.6   11.0  -99.00    0.60

 F indicates top of profile (=1) or below (=0)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                 L0000125    , L0000126    , L0000127    , L0000128    , L0000129
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, L0000130    , L0000131    , L0000132    ,
                L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         464245.08    3672912.01        5.32754                      464265.08
3672912.01        4.93273
         464285.08    3672912.01        4.40153                      464305.08
3672912.01        3.96410
         464325.08    3672912.01        3.64375                      464345.08
3672912.01        3.47755
         464385.08    3672912.01        3.61245                      464405.08
3672912.01        3.74115
         464245.08    3672932.01        7.82823                      464265.08
3672932.01        7.08275
         464285.08    3672932.01        6.26361                      464305.08
3672932.01        5.56456
         464325.08    3672932.01        5.09309                      464245.08
3672952.01       11.73975
         464265.08    3672952.01       10.83331                      464285.08
3672952.01        9.51627
         464305.08    3672952.01        8.30268                      464245.08
3672972.01       18.24534
         464265.08    3672972.01       17.86592                      464285.08
3672972.01       15.80713
         464305.08    3672972.01       13.45207                      464405.08
3672972.01       12.31529
         464245.08    3672992.01       27.57053                      464265.08
3672992.01       30.62351
         464285.08    3672992.01       29.92358                      464385.08
3672992.01       22.87499
         464405.08    3672992.01       19.14802                      464245.08
3673012.01       37.58810
         464265.08    3673012.01       47.54026                      464385.08
3673012.01       38.52848
         464405.08    3673012.01       29.34601                      464245.08
3673032.01       46.03386
         464365.08    3673032.01       84.78846                      464385.08
3673032.01       58.52205
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         464405.08    3673032.01       41.47216                       464245.08
3673052.01       50.48323
         464345.08    3673052.01      136.71531                       464365.08
3673052.01       97.61244
         464385.08    3673052.01       68.87862                       464405.08
3673052.01       49.30877
         464345.08    3673072.01      113.35108                       464365.08
3673072.01       85.54754
         464385.08    3673072.01       64.52408                       464405.08
3673072.01       48.32825
         464245.08    3673092.01       23.76434                       464325.08
3673092.01       95.31386
         464345.08    3673092.01       79.56750                       464365.08
3673092.01       64.33077
         464385.08    3673092.01       51.60738                       464405.08
3673092.01       40.95507
         464305.08    3672712.01        0.56598                       464325.08
3672712.01        0.54381
         464345.08    3672712.01        0.52583                       464365.08
3672712.01        0.51271
         464385.08    3672712.01        0.51612                       464405.08
3672712.01        0.50401
         464425.08    3672712.01        0.49370                       464445.08
3672712.01        0.48701
         464465.08    3672712.01        0.48507                       464485.08
3672712.01        0.48743
         464505.08    3672712.01        0.49395                       464525.08
3672712.01        0.50321
         464545.08    3672712.01        0.51343                       464565.08
3672712.01        0.51963
         464585.08    3672712.01        0.52804                       464605.08
3672712.01        0.52973
         464305.08    3672732.01        0.64068                       464325.08
3672732.01        0.61364
         464345.08    3672732.01        0.59588                       464365.08
3672732.01        0.58727
         464385.08    3672732.01        0.57993                       464405.08
3672732.01        0.56630
         464425.08    3672732.01        0.55616                       464445.08
3672732.01        0.55094
         464465.08    3672732.01        0.55150                       464485.08
3672732.01        0.55829
         464505.08    3672732.01        0.56863                       464525.08
3672732.01        0.58021
         464545.08    3672732.01        0.59116                       464565.08
3672732.01        0.59895
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***       09:22:45
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** 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
464585.08	3672732.01	0.60407	464605.08	3672732.01	0.60530
464285.08	3672752.01	0.76998	464305.08	3672752.01	0.73096
464325.08	3672752.01	0.70212	464345.08	3672752.01	0.68278
464365.08	3672752.01	0.67487	464385.08	3672752.01	0.65691
464405.08	3672752.01	0.64195	464425.08	3672752.01	0.63323
464445.08	3672752.01	0.63129	464465.08	3672752.01	0.63616
464485.08	3672752.01	0.64772	464505.08	3672752.01	0.66174
464525.08	3672752.01	0.67524	464545.08	3672752.01	0.68571
464565.08	3672752.01	0.69351	464585.08	3672752.01	0.69644
464605.08	3672752.01	0.69491	464265.08	3672772.01	0.94877
464285.08	3672772.01	0.89041	464305.08	3672772.01	0.84216
464325.08	3672772.01	0.81461	464345.08	3672772.01	0.79365
464365.08	3672772.01	0.77599	464385.08		

3672772.01 0.75201
464405.08 3672772.01 0.73643 464425.08
3672772.01 0.73075
464445.08 3672772.01 0.73428 464465.08
3672772.01 0.74542
464485.08 3672772.01 0.76234 464505.08
3672772.01 0.77982
464525.08 3672772.01 0.79314 464545.08
3672772.01 0.80213
464565.08 3672772.01 0.80731 464585.08
3672772.01 0.80715
464605.08 3672772.01 0.80021 464245.08
3672792.01 1.20262
464265.08 3672792.01 1.11428 464285.08
3672792.01 1.04199
464305.08 3672792.01 0.98725 464325.08
3672792.01 0.95776
464345.08 3672792.01 0.93161 464365.08
3672792.01 0.90019
464385.08 3672792.01 0.87515 464405.08
3672792.01 0.85941
464425.08 3672792.01 0.85748 464445.08
3672792.01 0.86830
464465.08 3672792.01 0.88816 464485.08
3672792.01 0.91108
464505.08 3672792.01 0.92973 464525.08
3672792.01 0.94022
464545.08 3672792.01 0.94635 464565.08
3672792.01 0.94634
464585.08 3672792.01 0.93753 464605.08
3672792.01 0.92051
464245.08 3672812.01 1.43828 464265.08
3672812.01 1.32680
464285.08 3672812.01 1.23818 464305.08
3672812.01 1.18481
464325.08 3672812.01 1.14375 464345.08
3672812.01 1.10247
464365.08 3672812.01 1.05986 464385.08
3672812.01 1.03296
464405.08 3672812.01 1.02117 464425.08
3672812.01 1.02819
464445.08 3672812.01 1.04964 464465.08
3672812.01 1.07839
464485.08 3672812.01 1.10562 464505.08
3672812.01 1.11877
464525.08 3672812.01 1.12411 464545.08
3672812.01 1.12337
464565.08 3672812.01 1.11249 464585.08
3672812.01 1.09040
464605.08 3672812.01 1.06033 464225.08

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** 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
464325.08	3672832.01	1.38856	464345.08	3672832.01	1.31941
464365.08	3672832.01	1.26981	464385.08	3672832.01	1.24228
464405.08	3672832.01	1.24093	464425.08	3672832.01	1.26345
464445.08	3672832.01	1.29860	464465.08	3672832.01	1.33436
464485.08	3672832.01	1.36016	464505.08	3672832.01	1.36017
464525.08	3672832.01	1.35406	464545.08	3672832.01	1.33987
464565.08	3672832.01	1.31065	464585.08	3672832.01	1.26964
464605.08	3672832.01	1.22253	464205.08	3672852.01	2.52958

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         464225.08    3672852.01        2.35284                    464245.08
3672852.01        2.16122
         464265.08    3672852.01        2.01361                    464285.08
3672852.01        1.91535
         464305.08    3672852.01        1.80896                    464325.08
3672852.01        1.69676
         464345.08    3672852.01        1.60811                    464365.08
3672852.01        1.55129
         464385.08    3672852.01        1.53251                    464405.08
3672852.01        1.55086
         464425.08    3672852.01        1.59424                    464445.08
3672852.01        1.64298
         464465.08    3672852.01        1.68014                    464485.08
3672852.01        1.69071
         464505.08    3672852.01        1.67734                    464525.08
3672852.01        1.64891
         464545.08    3672852.01        1.60695                    464565.08
3672852.01        1.55089
         464585.08    3672852.01        1.48243                    464605.08
3672852.01        1.41032
         464205.08    3672872.01        3.19437                    464225.08
3672872.01        2.97683
         464245.08    3672872.01        2.77853                    464265.08
3672872.01        2.61936
         464285.08    3672872.01        2.48597                    464305.08
3672872.01        2.28161
         464325.08    3672872.01        2.12278                    464345.08
3672872.01        2.00899
         464365.08    3672872.01        1.94993                    464385.08
3672872.01        1.95296
         464405.08    3672872.01        2.00431                    464425.08
3672872.01        2.07096
         464445.08    3672872.01        2.12513                    464465.08
3672872.01        2.14485
         464485.08    3672872.01        2.12638                    464505.08
3672872.01        2.08052
         464525.08    3672872.01        2.01288                    464545.08
3672872.01        1.92905
         464565.08    3672872.01        1.83279                    464585.08
3672872.01        1.72829
         464605.08    3672872.01        1.62395                    464185.08
3672892.01        4.30038
         464205.08    3672892.01        4.12334                    464225.08
3672892.01        3.86104
         464245.08    3672892.01        3.77053                    464265.08
3672892.01        3.59697
         464285.08    3672892.01        3.24780                    464305.08
3672892.01        2.95687
         464325.08    3672892.01        2.73401                    464345.08
3672892.01        2.58987
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         464365.08    3672892.01        2.54359                       464385.08
3672892.01        2.59251
         464405.08    3672892.01        2.68684                       464425.08
3672892.01        2.76863
         464445.08    3672892.01        2.80520                       464465.08
3672892.01        2.77575
         464485.08    3672892.01        2.70083                       464505.08
3672892.01        2.59122
         464525.08    3672892.01        2.46050                       464545.08
3672892.01        2.31679
         464565.08    3672892.01        2.16252                       464585.08
3672892.01        2.01238
         464605.08    3672892.01        1.86720                       464165.08
3672912.01        5.50861
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 147
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                     *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         464185.08    3672912.01        5.54749                       464205.08
3672912.01        5.44049
         464225.08    3672912.01        5.46785                       464425.08
3672912.01        3.78720
         464445.08    3672912.01        3.75249                       464465.08
3672912.01        3.63310
         464485.08    3672912.01        3.44897                       464505.08
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3672912.01 3.23384
464525.08 3672912.01 2.99550 464545.08
3672912.01 2.74831
464565.08 3672912.01 2.50813 464585.08
3672912.01 2.32344
464605.08 3672912.01 2.14991 464145.08
3672932.01 6.35472
464165.08 3672932.01 6.84334 464185.08
3672932.01 7.18073
464205.08 3672932.01 7.36917 464225.08
3672932.01 8.02842
464425.08 3672932.01 5.29940 464445.08
3672932.01 5.08571
464465.08 3672932.01 4.78370 464485.08
3672932.01 4.42002
464505.08 3672932.01 4.04382 464525.08
3672932.01 3.64904
464545.08 3672932.01 3.26552 464565.08
3672932.01 2.92589
464585.08 3672932.01 2.70198 464605.08
3672932.01 2.47856
464145.08 3672952.01 7.31379 464165.08
3672952.01 8.25124
464185.08 3672952.01 9.18131 464205.08
3672952.01 10.22891
464225.08 3672952.01 11.61235 464425.08
3672952.01 7.57593
464445.08 3672952.01 6.98274 464465.08
3672952.01 6.32243
464485.08 3672952.01 5.67451 464505.08
3672952.01 5.06025
464525.08 3672952.01 4.44418 464545.08
3672952.01 3.88358
464565.08 3672952.01 3.45640 464585.08
3672952.01 3.17535
464605.08 3672952.01 2.83875 464125.08
3672972.01 6.61046
464145.08 3672972.01 7.93946 464165.08
3672972.01 9.45335
464185.08 3672972.01 11.31975 464205.08
3672972.01 14.26300
464225.08 3672972.01 16.89964 464425.08
3672972.01 10.94490
464445.08 3672972.01 9.60727 464465.08
3672972.01 8.37392
464485.08 3672972.01 7.29423 464505.08
3672972.01 6.33358
464525.08 3672972.01 5.47395 464545.08
3672972.01 4.74378
464565.08 3672972.01 4.20026 464585.08

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3672972.01        3.73870
         464605.08    3672972.01        3.31330                        464125.08
3672992.01        6.43359
         464145.08    3672992.01        8.04034                        464165.08
3672992.01       10.18855
         464185.08    3672992.01       13.29975                        464205.08
3672992.01       18.78651
         464225.08    3672992.01       23.26884                        464425.08
3672992.01       15.88729
         464445.08    3672992.01       13.21381                        464465.08
3672992.01       11.05149
         464485.08    3672992.01        9.31777                        464505.08
3672992.01        7.86399
         464525.08    3672992.01        6.68282                        464545.08
3672992.01        5.73338
         464565.08    3672992.01        4.98777                        464585.08
3672992.01        4.35930
         464605.08    3672992.01        3.83106                        464125.08
3673012.01        5.87635
         464145.08    3673012.01        7.54456                        464165.08
3673012.01       10.36383
         464185.08    3673012.01       15.21622                        464205.08
3673012.01       21.50841
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                                *** 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
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         464105.08    3673072.01        2.66370                        464125.08
3673072.01        3.45023
         464145.08    3673072.01        4.61386                        464165.08
3673072.01        6.29959
         464185.08    3673072.01        8.86187                        464205.08
3673072.01       13.12473
         464225.08    3673072.01       21.00246                        464425.08
3673072.01       36.33836
         464445.08    3673072.01       27.68014                        464465.08
3673072.01       21.44918
         464485.08    3673072.01       16.90400                        464505.08
3673072.01       13.59164
         464525.08    3673072.01       11.08639                        464545.08
3673072.01        9.13768
         464565.08    3673072.01        7.52113                        464585.08
3673072.01        6.38786
         464605.08    3673072.01        5.49120                        464065.08
3673092.01        1.55777
         464085.08    3673092.01        1.85453                        464105.08
3673092.01        2.25871
         464125.08    3673092.01        2.93795                        464145.08
3673092.01        3.81836
         464165.08    3673092.01        5.02441                        464185.08
3673092.01        6.85245
         464205.08    3673092.01        9.76720                        464225.08
3673092.01       14.64190
         464425.08    3673092.01       32.31173                        464445.08
3673092.01       25.58823
         464465.08    3673092.01       20.51185                        464485.08
3673092.01       16.55679
         464505.08    3673092.01       13.51225                        464525.08
3673092.01       11.12840
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,
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*** 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
464545.08	3673092.01	9.18403	464565.08	3673092.01	7.68708
464585.08	3673092.01	6.56263	464605.08	3673092.01	5.66578
464045.08	3673112.01	1.19043	464065.08	3673112.01	1.38709
464085.08	3673112.01	1.64157	464105.08	3673112.01	1.99892
464125.08	3673112.01	2.58322	464145.08	3673112.01	3.28583
464165.08	3673112.01	4.21803	464185.08	3673112.01	5.62691
464205.08	3673112.01	7.67930	464225.08	3673112.01	10.95516
464245.08	3673112.01	16.50775	464265.08	3673112.01	26.14471
464305.08	3673112.01	47.70659	464325.08	3673112.01	50.53331
464345.08	3673112.01	48.07771	464365.08	3673112.01	42.80384
464385.08	3673112.01	37.12276	464405.08	3673112.01	31.21315
464425.08	3673112.01	25.91695	464445.08	3673112.01	21.52594
464465.08	3673112.01	18.01400	464485.08	3673112.01	15.03052
464505.08	3673112.01	12.56223	464525.08	3673112.01	10.53282
464545.08	3673112.01	8.83037	464565.08	3673112.01	7.54166
464585.08	3673112.01	6.50408	464605.08	3673112.01	5.66109
464045.08	3673132.01	1.09635	464065.08	3673132.01	1.27352
464085.08	3673132.01	1.51708	464105.08	3673132.01	1.86746
464125.08	3673132.01	2.30273	464145.08	3673132.01	2.87473
464165.08	3673132.01	3.62533	464185.08		

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3673132.01        4.65369
         464205.08    3673132.01        6.11393                        464225.08
3673132.01        8.34399
         464245.08    3673132.01       11.90630                        464265.08
3673132.01       17.13924
         464285.08    3673132.01       23.02950                        464305.08
3673132.01       27.21603
         464325.08    3673132.01       28.83799                        464345.08
3673132.01       28.64180
         464365.08    3673132.01       27.23779                        464385.08
3673132.01       24.90467
         464405.08    3673132.01       22.13505                        464425.08
3673132.01       19.42759
         464445.08    3673132.01       16.95236                        464465.08
3673132.01       14.74421
         464485.08    3673132.01       12.71659                        464505.08
3673132.01       10.95772
         464525.08    3673132.01        9.40992                        464545.08
3673132.01        8.13376
         464565.08    3673132.01        7.08510                        464585.08
3673132.01        6.20875
         464605.08    3673132.01        5.47123                        464045.08
3673152.01        1.02050
         464065.08    3673152.01        1.19044                        464085.08
3673152.01        1.41659
         464105.08    3673152.01        1.71824                        464125.08
3673152.01        2.05813
         464145.08    3673152.01        2.50430                        464165.08
3673152.01        3.07613
         464185.08    3673152.01        3.83410                        464205.08
3673152.01        4.91105
         464225.08    3673152.01        6.51085                        464245.08
3673152.01        8.85831
         464265.08    3673152.01       11.84397                        464285.08
3673152.01       14.82176
         464305.08    3673152.01       17.24802                        464325.08
3673152.01       18.38326
         464345.08    3673152.01       18.40201                        464365.08
3673152.01       17.78476
         464385.08    3673152.01       16.73639                        464405.08
3673152.01       15.42720
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000120 , L0000121
, L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129
, L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137
, L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145
, L0000146 , L0000147 , . . . ,

*** 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
464425.08	3673152.01	14.11986	464445.08	3673152.01	12.81445
464465.08	3673152.01	11.49816	464485.08	3673152.01	10.21996
464505.08	3673152.01	9.09223	464525.08	3673152.01	8.05063
464545.08	3673152.01	7.15783	464565.08	3673152.01	6.38927
464585.08	3673152.01	5.71437	464605.08	3673152.01	5.12011
464045.08	3673172.01	0.95194	464065.08	3673172.01	1.11879
464085.08	3673172.01	1.32780	464105.08	3673172.01	1.55120
464125.08	3673172.01	1.82954	464145.08	3673172.01	2.16964
464165.08	3673172.01	2.60605	464185.08	3673172.01	3.19365
464205.08	3673172.01	4.02105	464225.08	3673172.01	5.19525
464245.08	3673172.01	6.75510	464265.08	3673172.01	8.48632
464285.08	3673172.01	10.17435	464305.08	3673172.01	11.58779
464325.08	3673172.01	12.49577	464345.08	3673172.01	12.67672
464365.08	3673172.01	12.31415	464385.08	3673172.01	11.74107
464405.08	3673172.01	11.01623	464425.08	3673172.01	10.31486

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        464445.08    3673172.01        9.58963                    464465.08
3673172.01        8.78640
        464485.08    3673172.01        7.94479                    464505.08
3673172.01        7.26493
        464525.08    3673172.01        6.66328                    464545.08
3673172.01        6.07875
        464565.08    3673172.01        5.56864                    464585.08
3673172.01        5.09064
        464605.08    3673172.01        4.64590                    464045.08
3673192.01        0.90106
        464065.08    3673192.01        1.04602                    464085.08
3673192.01        1.21163
        464105.08    3673192.01        1.39078                    464125.08
3673192.01        1.61475
        464145.08    3673192.01        1.88533                    464165.08
3673192.01        2.23361
        464185.08    3673192.01        2.70296                    464205.08
3673192.01        3.35024
        464225.08    3673192.01        4.21706                    464245.08
3673192.01        5.24095
        464265.08    3673192.01        6.32437                    464285.08
3673192.01        7.42695
        464305.08    3673192.01        8.41579                    464325.08
3673192.01        8.92251
        464345.08    3673192.01        9.09380                    464365.08
3673192.01        8.99120
        464385.08    3673192.01        8.65870                    464405.08
3673192.01        8.22912
        464425.08    3673192.01        7.76623                    464445.08
3673192.01        7.28786
        464465.08    3673192.01        6.78505                    464485.08
3673192.01        6.15762
        464505.08    3673192.01        5.77188                    464525.08
3673192.01        5.42439
        464545.08    3673192.01        5.07456                    464565.08
3673192.01        4.75447
        464585.08    3673192.01        4.42227                    464605.08
3673192.01        4.10809
        464045.08    3673212.01        0.84758                    464065.08
3673212.01        0.96740
        464085.08    3673212.01        1.09874                    464105.08
3673212.01        1.24507
        464125.08    3673212.01        1.42614                    464145.08
3673212.01        1.64841
        464165.08    3673212.01        1.93714                    464185.08
3673212.01        2.32289
        464205.08    3673212.01        2.83288                    464225.08
3673212.01        3.46597
        464245.08    3673212.01        4.15811                    464265.08
3673212.01        4.88659
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** 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
464285.08	3673212.01	5.64872	464305.08	3673212.01	6.29645
464325.08	3673212.01	6.63113	464345.08	3673212.01	6.78895
464365.08	3673212.01	6.78923	464385.08	3673212.01	6.62633
464405.08	3673212.01	6.36989	464425.08	3673212.01	6.04283
464445.08	3673212.01	5.68926	464465.08	3673212.01	5.33326
464485.08	3673212.01	4.87105	464505.08	3673212.01	4.61671
464525.08	3673212.01	4.39491	464545.08	3673212.01	4.16689
464565.08	3673212.01	3.96437	464585.08	3673212.01	3.74431
464605.08	3673212.01	3.53493	464045.08	3673232.01	0.79047
464065.08	3673232.01	0.88346	464085.08	3673232.01	0.99220
464105.08	3673232.01	1.11726	464125.08		

3673232.01 1.26621
464145.08 3673232.01 1.45428 464165.08
3673232.01 1.69943
464185.08 3673232.01 2.01906 464205.08
3673232.01 2.41490
464225.08 3673232.01 2.88384 464245.08
3673232.01 3.37576
464265.08 3673232.01 3.88817 464285.08
3673232.01 4.44052
464305.08 3673232.01 4.83118 464325.08
3673232.01 5.09657
464345.08 3673232.01 5.23230 464365.08
3673232.01 5.25522
464385.08 3673232.01 5.20491 464405.08
3673232.01 5.05907
464425.08 3673232.01 4.83358 464445.08
3673232.01 4.56606
464465.08 3673232.01 4.29311 464485.08
3673232.01 3.94476
464505.08 3673232.01 3.75689 464525.08
3673232.01 3.58796
464545.08 3673232.01 3.41299 464565.08
3673232.01 3.27338
464585.08 3673232.01 3.12574 464605.08
3673232.01 2.98953
464045.08 3673252.01 0.73268 464065.08
3673252.01 0.80965
464085.08 3673252.01 0.89940 464105.08
3673252.01 1.00463
464125.08 3673252.01 1.13515 464145.08
3673252.01 1.29875
464165.08 3673252.01 1.50703 464185.08
3673252.01 1.76899
464205.08 3673252.01 2.07966 464225.08
3673252.01 2.42178
464245.08 3673252.01 2.78876 464265.08
3673252.01 3.16863
464285.08 3673252.01 3.55454 464305.08
3673252.01 3.85010
464325.08 3673252.01 4.04468 464345.08
3673252.01 4.14113
464365.08 3673252.01 4.17743 464385.08
3673252.01 4.17374
464405.08 3673252.01 4.04857 464425.08
3673252.01 3.90155
464445.08 3673252.01 3.72978 464465.08
3673252.01 3.48059
464485.08 3673252.01 3.26553 464505.08
3673252.01 3.11471
464525.08 3673252.01 2.97698 464545.08

3673252.01   2.84182
         464565.08   3673252.01   2.73154   464585.08
3673252.01   2.61249
         464605.08   3673252.01   2.51046   464045.08
3673272.01   0.67716
         464065.08   3673272.01   0.74253   464085.08
3673272.01   0.81885
         464105.08   3673272.01   0.91034   464125.08
3673272.01   1.02498

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                                *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                       *** 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
 -
- -
         464145.08   3673272.01   1.16849   464165.08
3673272.01   1.34560
         464185.08   3673272.01   1.56088   464205.08
3673272.01   1.80239
         464225.08   3673272.01   2.06230   464245.08
3673272.01   2.34116
         464265.08   3673272.01   2.62478   464285.08
3673272.01   2.89582
         464305.08   3673272.01   3.12080   464325.08
3673272.01   3.27321
         464345.08   3673272.01   3.34695   464365.08
3673272.01   3.37596

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         464385.08    3673272.01        3.36744                    464405.08
3673272.01        3.30097
         464425.08    3673272.01        3.21680                    464445.08
3673272.01        3.09684
         464465.08    3673272.01        2.89137                    464485.08
3673272.01        2.75365
         464505.08    3673272.01        2.63002                    464525.08
3673272.01        2.51548
         464545.08    3673272.01        2.40634                    464565.08
3673272.01        2.30934
         464585.08    3673272.01        2.22246                    464605.08
3673272.01        2.14144
         464045.08    3673292.01        0.62462                    464065.08
3673292.01        0.68219
         464085.08    3673292.01        0.75009                    464105.08
3673292.01        0.83196
         464125.08    3673292.01        0.93128                    464145.08
3673292.01        1.05737
         464165.08    3673292.01        1.20779                    464185.08
3673292.01        1.38224
         464205.08    3673292.01        1.57072                    464225.08
3673292.01        1.77922
         464245.08    3673292.01        1.99512                    464265.08
3673292.01        2.20452
         464285.08    3673292.01        2.39030                    464305.08
3673292.01        2.56338
         464325.08    3673292.01        2.69091                    464345.08
3673292.01        2.75380
         464365.08    3673292.01        2.77160                    464385.08
3673292.01        2.73016
         464405.08    3673292.01        2.73472                    464425.08
3673292.01        2.69474
         464445.08    3673292.01        2.55631                    464465.08
3673292.01        2.45617
         464485.08    3673292.01        2.35546                    464505.08
3673292.01        2.25629
         464525.08    3673292.01        2.16278                    464545.08
3673292.01        2.07478
         464565.08    3673292.01        1.98434                    464585.08
3673292.01        1.93243
         464605.08    3673292.01        1.86341                    464545.08
3672412.01        0.14081
         464595.08    3672412.01        0.14419                    464645.08
3672412.01        0.14440
         464695.08    3672412.01        0.14526                    464745.08
3672412.01        0.14904
         464795.08    3672412.01        0.15338                    464845.08
3672412.01        0.15616
         464895.08    3672412.01        0.15831                    464495.08
3672462.01        0.16536
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         464545.08    3672462.01        0.16400                       464595.08
3672462.01        0.16681
         464645.08    3672462.01        0.16734                       464695.08
3672462.01        0.17094
         464745.08    3672462.01        0.17637                       464795.08
3672462.01        0.17915
         464845.08    3672462.01        0.18253                       464895.08
3672462.01        0.18304
         464495.08    3672512.01        0.19375                       464545.08
3672512.01        0.19661
         464595.08    3672512.01        0.19572                       464645.08
3672512.01        0.19915
         464695.08    3672512.01        0.20577                       464745.08
3672512.01        0.20988
         464795.08    3672512.01        0.21404                       464845.08
3672512.01        0.21513
         464895.08    3672512.01        0.21333                       464445.08
3672562.01        0.23597
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         464495.08    3672562.01        0.23785                       464545.08
3672562.01        0.23385
         464595.08    3672562.01        0.23659                       464645.08
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3672562.01 0.24499
464695.08 3672562.01 0.25261 464745.08
3672562.01 0.25544
464795.08 3672562.01 0.25750 464845.08
3672562.01 0.25479
464895.08 3672562.01 0.24976 464395.08
3672612.01 0.30032
464445.08 3672612.01 0.29030 464495.08
3672612.01 0.29003
464545.08 3672612.01 0.28886 464595.08
3672612.01 0.29782
464645.08 3672612.01 0.30940 464695.08
3672612.01 0.31434
464745.08 3672612.01 0.31635 464795.08
3672612.01 0.31249
464845.08 3672612.01 0.29997 464895.08
3672612.01 0.27547
464345.08 3672662.01 0.40206 464395.08
3672662.01 0.38158
464445.08 3672662.01 0.37405 464495.08
3672662.01 0.36597
464545.08 3672662.01 0.37399 464595.08
3672662.01 0.39073
464645.08 3672662.01 0.39982 464695.08
3672662.01 0.40284
464745.08 3672662.01 0.39686 464795.08
3672662.01 0.38022
464845.08 3672662.01 0.34176 464895.08
3672662.01 0.32411
464645.08 3672712.01 0.53199 464695.08
3672712.01 0.52258
464745.08 3672712.01 0.49817 464795.08
3672712.01 0.43868
464845.08 3672712.01 0.40962 464895.08
3672712.01 0.38381
464645.08 3672762.01 0.72436 464695.08
3672762.01 0.67526
464745.08 3672762.01 0.58617 464795.08
3672762.01 0.53800
464845.08 3672762.01 0.49663 464895.08
3672762.01 0.45581
464645.08 3672812.01 0.97977 464695.08
3672812.01 0.84043
464745.08 3672812.01 0.74472 464795.08
3672812.01 0.66960
464845.08 3672812.01 0.60625 464895.08
3672812.01 0.54502
464645.08 3672862.01 1.33007 464695.08
3672862.01 1.10171
464745.08 3672862.01 0.95577 464795.08

3672862.01   0.84163
         464845.08   3672862.01   0.74364   464895.08
3672862.01   0.65736
         464645.08   3672912.01   1.78681   464695.08
3672912.01   1.46897
         464745.08   3672912.01   1.24186   464795.08
3672912.01   1.06412
         464845.08   3672912.01   0.91725   464895.08
3672912.01   0.79063
         464645.08   3672962.01   2.47181   464695.08
3672962.01   1.96263
         464745.08   3672962.01   1.59993   464795.08
3672962.01   1.33086
         464845.08   3672962.01   1.11057   464895.08
3672962.01   0.94461
         464645.08   3673012.01   3.30275   464695.08
3673012.01   2.52584
         464745.08   3673012.01   2.00188   464795.08
3673012.01   1.60811
         464845.08   3673012.01   1.30734   464895.08
3673012.01   1.09711
         464645.08   3673062.01   4.08805   464695.08
3673062.01   3.04206
         464745.08   3673062.01   2.35408   464795.08
3673062.01   1.84083
         464845.08   3673062.01   1.48659   464895.08
3673062.01   1.23144

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                 L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                 L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                 L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                *** 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
464645.08	3673112.01	4.38385	464695.08	3673112.01	3.29228
464745.08	3673112.01	2.52102	464795.08	3673112.01	1.97157
464845.08	3673112.01	1.59318	464895.08	3673112.01	1.31245
464645.08	3673162.01	4.01276	464695.08	3673162.01	3.13006
464745.08	3673162.01	2.46069	464795.08	3673162.01	1.96973
464845.08	3673162.01	1.61147	464895.08	3673162.01	1.33050
463995.08	3673212.01	0.62190	464645.08	3673212.01	3.12841
464695.08	3673212.01	2.60723	464745.08	3673212.01	2.17133
464795.08	3673212.01	1.80630	464845.08	3673212.01	1.51658
464895.08	3673212.01	1.27590	463945.08	3673262.01	0.42915
463995.08	3673262.01	0.53650	464645.08	3673262.01	2.14979
464695.08	3673262.01	1.94171	464745.08	3673262.01	1.72960
464795.08	3673262.01	1.52387	464845.08	3673262.01	1.32816
464895.08	3673262.01	1.15480	463895.08	3673312.01	0.31507
463945.08	3673312.01	0.37628	463995.08	3673312.01	0.47367
464045.08	3673312.01	0.57775	464095.08	3673312.01	0.72549
464145.08	3673312.01	0.96165	464195.08	3673312.01	1.31029
464245.08	3673312.01	1.71224	464295.08	3673312.01	2.08542
464345.08	3673312.01	2.29819	464395.08	3673312.01	2.29797
464445.08	3673312.01	2.17647	464495.08	3673312.01	1.98550
464545.08	3673312.01	1.80152	464595.08	3673312.01	1.64242
464645.08	3673312.01	1.49241	464695.08	3673312.01	1.38672

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         464745.08    3673312.01        1.28935                        464795.08
3673312.01        1.19088
         464845.08    3673312.01        1.07988                        464895.08
3673312.01        0.97884
         463895.08    3673362.01        0.28138                        463945.08
3673362.01        0.34679
         463995.08    3673362.01        0.40573                        464045.08
3673362.01        0.48399
         464095.08    3673362.01        0.59957                        464145.08
3673362.01        0.77200
         464195.08    3673362.01        0.99861                        464245.08
3673362.01        1.21906
         464295.08    3673362.01        1.42630                        464345.08
3673362.01        1.53624
         464395.08    3673362.01        1.48532                        464445.08
3673362.01        1.50550
         464495.08    3673362.01        1.42960                        464545.08
3673362.01        1.32781
         464595.08    3673362.01        1.19035                        464645.08
3673362.01        1.08731
         464695.08    3673362.01        1.00724                        464745.08
3673362.01        0.95855
         464795.08    3673362.01        0.90067                        464845.08
3673362.01        0.84073
         464895.08    3673362.01        0.78211                        463845.08
3673412.01        0.22059
         463895.08    3673412.01        0.25297                        463945.08
3673412.01        0.30356
         463995.08    3673412.01        0.34906                        464045.08
3673412.01        0.41378
         464095.08    3673412.01        0.50547                        464145.08
3673412.01        0.63176
         464195.08    3673412.01        0.77321                        464245.08
3673412.01        0.90489
         464295.08    3673412.01        1.03249                        464345.08
3673412.01        1.09078
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
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L0000133 , L0000134 , L0000135 , L0000136 , L0000137
, L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145
, L0000146 , L0000147 , . . . ,

*** 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
464395.08	3673412.01	1.05855	464445.08	3673412.01	1.07185
464495.08	3673412.01	1.07634	464545.08	3673412.01	1.01523
464595.08	3673412.01	0.91991	464645.08	3673412.01	0.83455
464695.08	3673412.01	0.77689	464745.08	3673412.01	0.73062
464795.08	3673412.01	0.68681	464845.08	3673412.01	0.64910
464895.08	3673412.01	0.61575	463795.08	3673462.01	0.17889
463845.08	3673462.01	0.19893	463895.08	3673462.01	0.23773
463945.08	3673462.01	0.26726	463995.08	3673462.01	0.30586
464045.08	3673462.01	0.35702	464095.08	3673462.01	0.43210
464145.08	3673462.01	0.52631	464195.08	3673462.01	0.61694
464245.08	3673462.01	0.69741	464295.08	3673462.01	0.77478
464345.08	3673462.01	0.79078	464395.08	3673462.01	0.79380
464445.08	3673462.01	0.79854	464495.08	3673462.01	0.81403
464545.08	3673462.01	0.78834	464595.08	3673462.01	0.73321
464645.08	3673462.01	0.67483	464695.08	3673462.01	0.62488
464745.08	3673462.01	0.57811	464795.08	3673462.01	0.54137
464845.08	3673462.01	0.51114	464895.08	3673462.01	0.49346
463795.08	3673512.01	0.16320	463845.08		

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3673512.01        0.19054
         463895.08    3673512.01        0.21260                    463945.08
3673512.01        0.23820
         463995.08    3673512.01        0.26788                    464045.08
3673512.01        0.31588
         464095.08    3673512.01        0.37529                    464145.08
3673512.01        0.44262
         464195.08    3673512.01        0.50227                    464245.08
3673512.01        0.55591
         464295.08    3673512.01        0.57695                    464345.08
3673512.01        0.61018
         464395.08    3673512.01        0.61275                    464445.08
3673512.01        0.61299
         464495.08    3673512.01        0.62685                    464545.08
3673512.01        0.61882
         464595.08    3673512.01        0.59321                    464645.08
3673512.01        0.55928
         464695.08    3673512.01        0.51259                    464745.08
3673512.01        0.47486
         464795.08    3673512.01        0.44184                    464845.08
3673512.01        0.41882
         464895.08    3673512.01        0.40465                    463745.08
3673562.01        0.13756
         463795.08    3673562.01        0.14982                    463845.08
3673562.01        0.16928
         463895.08    3673562.01        0.19240                    463945.08
3673562.01        0.20874
         463995.08    3673562.01        0.24023                    464045.08
3673562.01        0.28155
         464095.08    3673562.01        0.32806                    464145.08
3673562.01        0.37777
         464195.08    3673562.01        0.41312                    464245.08
3673562.01        0.45050
         464295.08    3673562.01        0.46464                    464345.08
3673562.01        0.48621
         464395.08    3673562.01        0.49219                    464445.08
3673562.01        0.48314
         464495.08    3673562.01        0.49450                    464545.08
3673562.01        0.49971
         464595.08    3673562.01        0.49232                    464645.08
3673562.01        0.46637
         464695.08    3673562.01        0.43364                    464745.08
3673562.01        0.40150
         464795.08    3673562.01        0.37441                    464845.08
3673562.01        0.35091
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** 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
464895.08	3673562.01	0.33723	463745.08	3673612.01	0.12675
463795.08	3673612.01	0.13810	463845.08	3673612.01	0.15131
463895.08	3673612.01	0.16550	463945.08	3673612.01	0.18722
463995.08	3673612.01	0.22022	464045.08	3673612.01	0.25165
464095.08	3673612.01	0.28927	464145.08	3673612.01	0.32450
464195.08	3673612.01	0.34793	464245.08	3673612.01	0.35533
464295.08	3673612.01	0.38075	464345.08	3673612.01	0.39728
464395.08	3673612.01	0.40096	464445.08	3673612.01	0.39194
464495.08	3673612.01	0.39400	464545.08	3673612.01	0.40518
464595.08	3673612.01	0.40638	464645.08	3673612.01	0.39188
464695.08	3673612.01	0.36891	464745.08	3673612.01	0.34576
464795.08	3673612.01	0.32269	464845.08	3673612.01	0.30312
464895.08	3673612.01	0.29131	464945.08	3671912.01	0.05570

```
        465045.08    3671912.01        0.05737                    465145.08
3671912.01        0.06040
        465245.08    3671912.01        0.06156                    465345.08
3671912.01        0.06160
        465445.08    3671912.01        0.05978                    464845.08
3672012.01        0.06283
        464945.08    3672012.01        0.06531                    465045.08
3672012.01        0.06792
        465145.08    3672012.01        0.07074                    465245.08
3672012.01        0.07092
        465345.08    3672012.01        0.06375                    465445.08
3672012.01        0.06226
        464745.08    3672112.01        0.07352                    464845.08
3672112.01        0.07641
        464945.08    3672112.01        0.07808                    465045.08
3672112.01        0.08165
        465145.08    3672112.01        0.08338                    465245.08
3672112.01        0.07921
        465345.08    3672112.01        0.07324                    465445.08
3672112.01        0.07100
        464745.08    3672212.01        0.09115                    464845.08
3672212.01        0.09218
        464945.08    3672212.01        0.09651                    465045.08
3672212.01        0.09977
        465145.08    3672212.01        0.09945                    465245.08
3672212.01        0.08902
        465345.08    3672212.01        0.08567                    465445.08
3672212.01        0.08185
        464645.08    3672312.01        0.10834                    464745.08
3672312.01        0.11309
        464845.08    3672312.01        0.11823                    464945.08
3672312.01        0.12254
        465045.08    3672312.01        0.12328                    465145.08
3672312.01        0.12034
        465245.08    3672312.01        0.10647                    465345.08
3672312.01        0.10179
        465445.08    3672312.01        0.09637                    464945.08
3672412.01        0.15846
        465045.08    3672412.01        0.15478                    465145.08
3672412.01        0.13867
        465245.08    3672412.01        0.12880                    465345.08
3672412.01        0.11949
        465445.08    3672412.01        0.11119                    464945.08
3672512.01        0.20959
        465045.08    3672512.01        0.18951                    465145.08
3672512.01        0.17156
        465245.08    3672512.01        0.15588                    465345.08
3672512.01        0.14101
        465445.08    3672512.01        0.12847                    464945.08
3672612.01        0.26429
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** 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
465445.08	3672612.01	0.15046	464945.08	3672712.01	0.35762
465045.08	3672712.01	0.31248	465145.08	3672712.01	0.26991
465245.08	3672712.01	0.23269	465345.08	3672712.01	0.20350
465445.08	3672712.01	0.18084	464945.08	3672812.01	0.49213
465045.08	3672812.01	0.41204	465145.08	3672812.01	0.34452
465245.08	3672812.01	0.29034	465345.08	3672812.01	0.24822
465445.08	3672812.01	0.22185	464945.08	3672912.01	0.69369
465045.08	3672912.01	0.54494	465145.08	3672912.01	0.43869
465245.08	3672912.01	0.35950	465345.08		

3672912.01 0.30612
465445.08 3672912.01 0.27106 464945.08
3673012.01 0.93385
465045.08 3673012.01 0.69663 465145.08
3673012.01 0.53554
465245.08 3673012.01 0.43341 465345.08
3673012.01 0.36560
465445.08 3673012.01 0.31553 464945.08
3673112.01 1.09044
465045.08 3673112.01 0.79449 465145.08
3673112.01 0.60070
465245.08 3673112.01 0.48681 465345.08
3673112.01 0.40564
465445.08 3673112.01 0.34524 464945.08
3673212.01 1.07990
465045.08 3673212.01 0.79639 465145.08
3673212.01 0.61570
465245.08 3673212.01 0.50631 465345.08
3673212.01 0.42052
465445.08 3673212.01 0.35665 464945.08
3673312.01 0.87368
465045.08 3673312.01 0.70664 465145.08
3673312.01 0.58909
465245.08 3673312.01 0.49120 465345.08
3673312.01 0.41412
465445.08 3673312.01 0.35389 464945.08
3673412.01 0.59525
465045.08 3673412.01 0.54680 465145.08
3673412.01 0.49626
465245.08 3673412.01 0.44073 465345.08
3673412.01 0.38540
465445.08 3673412.01 0.33771 464945.08
3673512.01 0.39700
465045.08 3673512.01 0.38218 465145.08
3673512.01 0.36995
465245.08 3673512.01 0.34624 465345.08
3673512.01 0.32566
465445.08 3673512.01 0.30043 463645.08
3673612.01 0.11060
464945.08 3673612.01 0.28334 465045.08
3673612.01 0.27856
465145.08 3673612.01 0.27315 465245.08
3673612.01 0.26451
465345.08 3673612.01 0.25523 465445.08
3673612.01 0.24554
463645.08 3673712.01 0.09706 463745.08
3673712.01 0.11100
463845.08 3673712.01 0.12905 463945.08
3673712.01 0.16373
464045.08 3673712.01 0.20570 464145.08

3673712.01   0.24502
         464245.08   3673712.01   0.25467   464345.08
3673712.01   0.27928
         464445.08   3673712.01   0.27517   464545.08
3673712.01   0.27770
         464645.08   3673712.01   0.28016   464745.08
3673712.01   0.25963
         464845.08   3673712.01   0.24251   465145.08
3673712.01   0.20321
         465245.08   3673712.01   0.19756   465345.08
3673712.01   0.19513
         465445.08   3673712.01   0.19290   463745.08
3673812.01   0.09602

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                 INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                   L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                   L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                   L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                                *** 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
 -
- -
         463845.08   3673812.01   0.11228   463945.08
3673812.01   0.14177
         464045.08   3673812.01   0.17188   464145.08
3673812.01   0.19334
         464245.08   3673812.01   0.19579   464345.08
3673812.01   0.21215
         464445.08   3673812.01   0.20448   464545.08
3673812.01   0.19958

```
         464645.08    3673812.01        0.20828                    464745.08
3673812.01        0.20973
         465145.08    3673812.01        0.16368                    465245.08
3673812.01        0.15726
         465345.08    3673812.01        0.15390                    465445.08
3673812.01        0.15184
         463945.08    3673912.01        0.11705                    464045.08
3673912.01        0.14570
         464145.08    3673912.01        0.15758                    464545.08
3673912.01        0.15602
         464645.08    3673912.01        0.15758                    464745.08
3673912.01        0.16510
         465145.08    3673912.01        0.13796                    465245.08
3673912.01        0.13165
         465345.08    3673912.01        0.12687                    465445.08
3673912.01        0.12442
         463445.08    3674012.01        0.05876                    463545.08
3674012.01        0.06226
         463645.08    3674012.01        0.06828                    464145.08
3674012.01        0.13149
         464545.08    3674012.01        0.12312                    464645.08
3674012.01        0.12967
         465145.08    3674012.01        0.11940                    465245.08
3674012.01        0.11340
         465345.08    3674012.01        0.10911                    465445.08
3674012.01        0.10626
         463345.08    3674112.01        0.05081                    463445.08
3674112.01        0.05312
         463545.08    3674112.01        0.05689                    463645.08
3674112.01        0.06226
         463745.08    3674112.01        0.06994                    463845.08
3674112.01        0.07983
         464145.08    3674112.01        0.10883                    464545.08
3674112.01        0.10498
         465145.08    3674112.01        0.10544                    465245.08
3674112.01        0.10011
         465345.08    3674112.01        0.09639                    465445.08
3674112.01        0.09344
         465645.08    3670912.01        0.02429                    465845.08
3670912.01        0.02618
         466045.08    3670912.01        0.02706                    466245.08
3670912.01        0.02729
         466445.08    3670912.01        0.02687                    465645.08
3671112.01        0.02747
         465845.08    3671112.01        0.02905                    466045.08
3671112.01        0.03089
         466245.08    3671112.01        0.03038                    466445.08
3671112.01        0.02963
         465445.08    3671312.01        0.03187                    465645.08
3671312.01        0.03385
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```
         465845.08    3671312.01        0.03324                       466045.08
3671312.01        0.03500
         466245.08    3671312.01        0.03409                       466445.08
3671312.01        0.03118
         465245.08    3671512.01        0.03835                       465445.08
3671512.01        0.03985
         465645.08    3671512.01        0.04056                       465845.08
3671512.01        0.03887
         466045.08    3671512.01        0.03920                       466245.08
3671512.01        0.03912
         466445.08    3671512.01        0.03586                       465045.08
3671712.01        0.04402
         465245.08    3671712.01        0.04775                       465445.08
3671712.01        0.04963
         465645.08    3671712.01        0.04940                       465845.08
3671712.01        0.04766
         466045.08    3671712.01        0.04594                       466245.08
3671712.01        0.04303
         466445.08    3671712.01        0.04158                       465645.08
3671912.01        0.05385
         465845.08    3671912.01        0.05236                       466045.08
3671912.01        0.05587
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                                *** 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
 -
```
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- -

466245.08 3671912.01 0.05073 466445.08 3671912.01 0.04766

465645.08 3672112.01 0.06631 465845.08 3672112.01 0.06147

466045.08 3672112.01 0.06864 466245.08 3672112.01 0.06547

466445.08 3672112.01 0.05986 465645.08 3672312.01 0.08378

465845.08 3672312.01 0.07873 466045.08 3672312.01 0.08467

466245.08 3672312.01 0.07946 466445.08 3672312.01 0.07593

465645.08 3672512.01 0.11185 465845.08 3672512.01 0.10480

466045.08 3672512.01 0.10925 466245.08 3672512.01 0.10060

466445.08 3672512.01 0.09132 465645.08 3672712.01 0.15742

465845.08 3672712.01 0.13756 466045.08 3672712.01 0.12865

466245.08 3672712.01 0.11289 466445.08 3672712.01 0.11150

465645.08 3672912.01 0.21684 465845.08 3672912.01 0.18141

466045.08 3672912.01 0.16368 466245.08 3672912.01 0.13577

466445.08 3672912.01 0.13349 465645.08 3673112.01 0.26407

465845.08 3673112.01 0.21933 466045.08 3673112.01 0.18506

466245.08 3673112.01 0.15255 466445.08 3673112.01 0.13528

465645.08 3673312.01 0.26973 465845.08 3673312.01 0.21657

466045.08 3673312.01 0.18038 466245.08 3673312.01 0.15416

466445.08 3673312.01 0.13488 465645.08 3673512.01 0.24897

465845.08 3673512.01 0.20813 466045.08 3673512.01 0.17559

466245.08 3673512.01 0.15108 466445.08 3673512.01 0.13173

465645.08 3673712.01 0.18677 465845.08 3673712.01 0.17581

466045.08 3673712.01 0.16055 466245.08 3673712.01 0.14447

466445.08 3673712.01 0.12973 465645.08 3673912.01 0.12363

465845.08 3673912.01 0.12529 466045.08

```
3673912.01        0.12568
         466245.08    3673912.01        0.12325                        466445.08
3673912.01        0.11919
         465645.08    3674112.01        0.08975                        465845.08
3674112.01        0.08894
         466045.08    3674112.01        0.09064                        466245.08
3674112.01        0.09324
         466445.08    3674112.01        0.09575                        463245.08
3674312.01        0.04110
         463445.08    3674312.01        0.04955                        463645.08
3674312.01        0.05504
         463845.08    3674312.01        0.07061                        464045.08
3674312.01        0.08087
         465245.08    3674312.01        0.08121                        465445.08
3674312.01        0.07575
         465645.08    3674312.01        0.07207                        465845.08
3674312.01        0.06982
         466045.08    3674312.01        0.06911                        466245.08
3674312.01        0.07007
         466445.08    3674312.01        0.07243                        463045.08
3674512.01        0.03358
         463245.08    3674512.01        0.03620                        463445.08
3674512.01        0.04403
         463645.08    3674512.01        0.05126                        463845.08
3674512.01        0.06239
         464045.08    3674512.01        0.05667                        464245.08
3674512.01        0.06144
         465045.08    3674512.01        0.07512                        465245.08
3674512.01        0.06950
         465445.08    3674512.01        0.06394                        465645.08
3674512.01        0.06062
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                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                    INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,
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*** 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
465845.08	3674512.01	0.05911	466045.08	3674512.01	0.05773
466245.08	3674512.01	0.05679	466445.08	3674512.01	0.05681
463045.08	3674712.01	0.02980	463245.08	3674712.01	0.03322
463445.08	3674712.01	0.03937	463645.08	3674712.01	0.04584
463845.08	3674712.01	0.04705	464045.08	3674712.01	0.04564
464245.08	3674712.01	0.04932	464445.08	3674712.01	0.06779
465045.08	3674712.01	0.05519	465245.08	3674712.01	0.05652
465445.08	3674712.01	0.05513	465645.08	3674712.01	0.05242
465845.08	3674712.01	0.06225	466045.08	3674712.01	0.04989
466245.08	3674712.01	0.04861	466445.08	3674712.01	0.04799
463245.08	3674912.01	0.02978	463445.08	3674912.01	0.03622
463645.08	3674912.01	0.04209	463845.08	3674912.01	0.04019
464045.08	3674912.01	0.03755	464245.08	3674912.01	0.05449
464445.08	3674912.01	0.05042	464645.08	3674912.01	0.04986
463245.08	3675112.01	0.02919	463445.08	3675112.01	0.03270
463645.08	3675112.01	0.03867	463845.08	3675112.01	0.03472
464045.08	3675112.01	0.03168	464245.08	3675112.01	0.03616
464445.08	3675112.01	0.03802	464645.08	3675112.01	0.03829
464292.03	3673119.21	34.51352	464232.15	3673080.42	21.14901
464356.24	3672897.49	2.75899	464419.69	3672940.47	6.22107

```
         463237.91    3675184.01        0.02900                      462893.02
3674680.48        0.02982
         463465.53    3673914.84        0.06553                      463644.87
3673956.22        0.07185
         464058.73    3674252.82        0.08591                      464334.64
3674521.83        0.07808
         464479.49    3674687.38        0.06647                      464707.11
3674887.41        0.05582
         464700.21    3675011.57        0.04385                      464782.99
3675170.21        0.04724
         466486.71    3675163.32        0.04355                      466486.71
3674846.02        0.04425
         465638.30    3674846.02        0.04947                      465134.77
3674859.82        0.05257
         464969.22    3674783.94        0.06320                      464776.09
3674597.71        0.07145
         464872.66    3674542.53        0.07921                      465093.38
3674314.90        0.08519
         465079.59    3673597.54        0.29116                      464824.37
3673728.60        0.23699
         464810.58    3673901.04        0.19508                      464769.19
3673949.33        0.17092
         464651.93    3674025.20        0.13659                      464520.87
3674245.93        0.10949
         464479.49    3674287.31        0.10322                      464424.31
3674252.82        0.11177
         464520.87    3673942.43        0.14570                      464472.59
3673873.45        0.17446
         464231.17    3673825.17        0.18608                      464210.48
3674094.18        0.10828
         464141.50    3674170.05        0.10038                      464100.12
3674045.89        0.12207
         463555.20    3673701.01        0.08830                      463658.89
3673554.59        0.12060
         463703.94    3673572.22        0.12688                      464021.28
3673125.61        0.94790
         464121.18    3672996.32        6.06627                      464107.47
3672978.69        5.53374
         464528.62    3672406.71        0.14010                      465611.07
3670894.31        0.02390
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                   PAGE 161
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
```

```
                                    INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         462213.63    3670882.09        0.07728                       462220.00
3675217.12        0.02025
1 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                    PAGE 162
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                 *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                    INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                  L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                  L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                  L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
        464245.08    3672912.01       15.44932                    464265.08
3672912.01       21.19461
        464285.08    3672912.01       27.62023                    464305.08
3672912.01       35.36142
        464325.08    3672912.01       43.68717                    464345.08
3672912.01       51.59159
        464385.08    3672912.01       56.39303                    464405.08
3672912.01       52.81148
        464245.08    3672932.01       15.24834                    464265.08
3672932.01       21.67193
        464285.08    3672932.01       30.93032                    464305.08
3672932.01       43.48834
        464325.08    3672932.01       59.36075                    464245.08
3672952.01       12.78654
        464265.08    3672952.01       19.14690                    464285.08
3672952.01       30.08340
        464305.08    3672952.01       48.09051                    464245.08
3672972.01        9.81574
        464265.08    3672972.01       14.55441                    464285.08
3672972.01       23.28201
        464305.08    3672972.01       41.93620                    464405.08
3672972.01      155.17371
        464245.08    3672992.01        7.54608                    464265.08
3672992.01       10.74130
        464285.08    3672992.01       16.13940                    464385.08
3672992.01      141.98500
        464405.08    3672992.01      114.23596                    464245.08
3673012.01        6.14074
        464265.08    3673012.01        8.43654                    464385.08
3673012.01       73.63441
        464405.08    3673012.01       69.41953                    464245.08
3673032.01        5.12908
        464365.08    3673032.01       35.40814                    464385.08
3673032.01       39.34820
        464405.08    3673032.01       39.68742                    464245.08
3673052.01        4.27659
        464345.08    3673052.01       18.02312                    464365.08
3673052.01       21.91937
        464385.08    3673052.01       24.06834                    464405.08
3673052.01       24.53709
        464345.08    3673072.01       12.30051                    464365.08
3673072.01       14.52974
        464385.08    3673072.01       15.99536                    464405.08
3673072.01       16.39098
        464245.08    3673092.01        3.02699                    464325.08
3673092.01        7.39455
        464345.08    3673092.01        8.89684                    464365.08
3673092.01       10.26333
        464385.08    3673092.01       11.22240                    464405.08
3673092.01       11.60327
```

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         464305.08    3672712.01        1.54877                        464325.08
3672712.01        1.43243
         464345.08    3672712.01        1.33889                        464365.08
3672712.01        1.27206
         464385.08    3672712.01        1.24255                        464405.08
3672712.01        1.18340
         464425.08    3672712.01        1.13411                        464445.08
3672712.01        1.09765
         464465.08    3672712.01        1.07800                        464485.08
3672712.01        1.07607
         464505.08    3672712.01        1.09102                        464525.08
3672712.01        1.11688
         464545.08    3672712.01        1.14571                        464565.08
3672712.01        1.16166
         464585.08    3672712.01        1.17977                        464605.08
3672712.01        1.17556
         464305.08    3672732.01        1.87568                        464325.08
3672732.01        1.72565
         464345.08    3672732.01        1.62639                        464365.08
3672732.01        1.55450
         464385.08    3672732.01        1.48265                        464405.08
3672732.01        1.40715
         464425.08    3672732.01        1.34791                        464445.08
3672732.01        1.30863
         464465.08    3672732.01        1.29421                        464485.08
3672732.01        1.30638
         464505.08    3672732.01        1.33590                        464525.08
3672732.01        1.37190
         464545.08    3672732.01        1.40267                        464565.08
3672732.01        1.41942
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```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                  L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                  L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                  L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                          *** 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
464585.08	3672732.01	1.42174	464605.08	3672732.01	1.40741
464285.08	3672752.01	2.50039	464305.08	3672752.01	2.30702
464325.08	3672752.01	2.14094	464345.08	3672752.01	2.01931
464365.08	3672752.01	1.91991	464385.08	3672752.01	1.79944
464405.08	3672752.01	1.70175	464425.08	3672752.01	1.63200
464445.08	3672752.01	1.59485	464465.08	3672752.01	1.59416
464485.08	3672752.01	1.62652	464505.08	3672752.01	1.67302
464525.08	3672752.01	1.71515	464545.08	3672752.01	1.74013
464565.08	3672752.01	1.74684	464585.08	3672752.01	1.72957
464605.08	3672752.01	1.69338	464265.08	3672772.01	3.34999
464285.08	3672772.01	3.13921	464305.08	3672772.01	2.89550
464325.08	3672772.01	2.74097	464345.08	3672772.01	2.57638
464365.08	3672772.01	2.40356	464385.08	3672772.01	2.23081
464405.08	3672772.01	2.10303	464425.08	3672772.01	2.02381
464445.08	3672772.01	1.99888	464465.08	3672772.01	2.02520
464485.08	3672772.01	2.08492	464505.08	3672772.01	2.14697
464525.08	3672772.01	2.18151	464545.08	3672772.01	2.18683
464565.08	3672772.01	2.16457	464585.08	3672772.01	2.11622
464605.08	3672772.01	2.04338	464245.08	3672792.01	4.44977
464265.08	3672792.01	4.27891	464285.08	3672792.01	4.03751
464305.08	3672792.01	3.77349	464325.08		

3672792.01   3.61819
         464345.08   3672792.01   3.37158   464365.08
3672792.01   3.08318
         464385.08   3672792.01   2.84802   464405.08
3672792.01   2.67620
         464425.08   3672792.01   2.58966   464445.08
3672792.01   2.59476
         464465.08   3672792.01   2.66778   464485.08
3672792.01   2.75887
         464505.08   3672792.01   2.81587   464525.08
3672792.01   2.81819
         464545.08   3672792.01   2.77916   464565.08
3672792.01   2.70409
         464585.08   3672792.01   2.59446   464605.08
3672792.01   2.46105
         464245.08   3672812.01   5.69141   464265.08
3672812.01   5.57588
         464285.08   3672812.01   5.35240   464305.08
3672812.01   5.20039
         464325.08   3672812.01   4.96424   464345.08
3672812.01   4.54417
         464365.08   3672812.01   4.09306   464385.08
3672812.01   3.75176
         464405.08   3672812.01   3.52786   464425.08
3672812.01   3.46026
         464445.08   3672812.01   3.53144   464465.08
3672812.01   3.66442
         464485.08   3672812.01   3.76841   464505.08
3672812.01   3.76350
         464525.08   3672812.01   3.68523   464545.08
3672812.01   3.55875
         464565.08   3672812.01   3.38819   464585.08
3672812.01   3.18451
         464605.08   3672812.01   2.96918   464225.08
3672832.01   6.99965
         464245.08   3672832.01   7.28904   464265.08
3672832.01   7.37467
         464285.08   3672832.01   7.32154   464305.08
3672832.01   7.73229

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                 INCLUDING SOURCE(S):   L0000057   , L0000058

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, L0000059    , L0000060    , L0000061    ,
                L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         464325.08    3672832.01        7.14688                       464345.08
3672832.01        6.36889
         464365.08    3672832.01        5.67291                       464385.08
3672832.01        5.14830
         464405.08    3672832.01        4.87886                       464425.08
3672832.01        4.89778
         464445.08    3672832.01        5.08507                       464465.08
3672832.01        5.25743
         464485.08    3672832.01        5.28710                       464505.08
3672832.01        5.11263
         464525.08    3672832.01        4.86679                       464545.08
3672832.01        4.58315
         464565.08    3672832.01        4.25627                       464585.08
3672832.01        3.91546
         464605.08    3672832.01        3.58925                       464205.08
3672852.01        7.54856
         464225.08    3672852.01        8.42688                       464245.08
3672852.01        9.19385
         464265.08    3672852.01       10.01930                       464285.08
3672852.01       11.06694
         464305.08    3672852.01       11.41224                       464325.08
3672852.01       10.64675
         464345.08    3672852.01        9.44571                       464365.08
3672852.01        8.28169
         464385.08    3672852.01        7.47217                       464405.08
3672852.01        7.23114
         464425.08    3672852.01        7.47030                       464445.08
3672852.01        7.78494
         464465.08    3672852.01        7.85453                       464485.08
3672852.01        7.57912
         464505.08    3672852.01        7.08696                       464525.08
3672852.01        6.52173
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3672852.01        4.34486
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3672872.01        9.68158
         464245.08    3672872.01       11.40374                    464265.08
3672872.01       13.63917
         464285.08    3672872.01       16.50716                    464305.08
3672872.01       17.33720
         464325.08    3672872.01       16.92323                    464345.08
3672872.01       15.17448
         464365.08    3672872.01       13.02385                    464385.08
3672872.01       11.76538
         464405.08    3672872.01       11.88884                    464425.08
3672872.01       12.50127
         464445.08    3672872.01       12.67860                    464465.08
3672872.01       12.10744
         464485.08    3672872.01       11.07862                    464505.08
3672872.01        9.91014
         464525.08    3672872.01        8.77110                    464545.08
3672872.01        7.72693
         464565.08    3672872.01        6.78821                    464585.08
3672872.01        5.95452
         464605.08    3672872.01        5.23988                    464185.08
3672892.01        6.86420
         464205.08    3672892.01        8.46123                    464225.08
3672892.01       10.41000
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3672892.01       18.48456
         464285.08    3672892.01       22.27655                    464305.08
3672892.01       25.87335
         464325.08    3672892.01       28.13152                    464345.08
3672892.01       27.15906
         464365.08    3672892.01       22.95305                    464385.08
3672892.01       21.42821
         464405.08    3672892.01       22.71327                    464425.08
3672892.01       23.16151
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3672892.01       19.16607
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3672892.01       13.90743
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3672892.01        7.28186
         464605.08    3672892.01        6.27118                    464165.08
3672912.01        5.02369
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       03/21/24
```

                            *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                            INCLUDING SOURCE(S):   L0000057   , L0000058
, L0000059   , L0000060   , L0000061   ,
                 L0000062   , L0000063   , L0000064   , L0000065   , L0000066
, L0000067   , L0000068   , L0000069   ,
                 L0000070   , L0000071   , L0000072   , L0000073   , L0000074
, L0000075   , L0000076   , L0000077   ,
                 L0000078   , L0000079   , L0000080   , L0000081   , L0000082
, L0000083   , L0000084   , . . .   ,

                                    *** 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
 - - -

3672932.01 19.67238
464545.08 3672932.01 15.29301 464565.08
3672932.01 12.20184
464585.08 3672932.01 10.22456 464605.08
3672932.01 8.60720
464145.08 3672952.01 2.91210 464165.08
3672952.01 3.57199
464185.08 3672952.01 4.51795 464205.08
3672952.01 6.04208
464225.08 3672952.01 8.78587 464425.08
3672952.01 122.37333
464445.08 3672952.01 84.50209 464465.08
3672952.01 59.07585
464485.08 3672952.01 42.44448 464505.08
3672952.01 31.32207
464525.08 3672952.01 23.32546 464545.08
3672952.01 17.68454
464565.08 3672952.01 14.12945 464585.08
3672952.01 11.72260
464605.08 3672952.01 9.69635 464125.08
3672972.01 2.03819
464145.08 3672972.01 2.42965 464165.08
3672972.01 2.94805
464185.08 3672972.01 3.71642 464205.08
3672972.01 5.04700
464225.08 3672972.01 6.95523 464425.08
3672972.01 114.63081
464445.08 3672972.01 84.05852 464465.08
3672972.01 61.45905
464485.08 3672972.01 45.40709 464505.08
3672972.01 33.93160
464525.08 3672972.01 25.61818 464545.08
3672972.01 19.70458
464565.08 3672972.01 15.78840 464585.08
3672972.01 12.87536
464605.08 3672972.01 10.59480 464125.08
3672992.01 1.74286
464145.08 3672992.01 2.05872 464165.08
3672992.01 2.49284
464185.08 3672992.01 3.14618 464205.08
3672992.01 4.22109
464225.08 3672992.01 5.54856 464425.08
3672992.01 89.58758
464445.08 3672992.01 69.52737 464465.08
3672992.01 53.81195
464485.08 3672992.01 41.77743 464505.08
3672992.01 32.36994
464525.08 3672992.01 25.30156 464545.08
3672992.01 20.06389
464565.08 3672992.01 16.24866 464585.08

3672992.01   13.29025
         464605.08   3672992.01   11.01399   464125.08
3673012.01   1.54479
         464145.08   3673012.01   1.81151   464165.08
3673012.01   2.22096
         464185.08   3673012.01   2.82286   464205.08
3673012.01   3.59300

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                               INCLUDING SOURCE(S):   L0000057   , L0000058
, L0000059   , L0000060   , L0000061   ,
                  L0000062   , L0000063   , L0000064   , L0000065   , L0000066
, L0000067   , L0000068   , L0000069   ,
                  L0000070   , L0000071   , L0000072   , L0000073   , L0000074
, L0000075   , L0000076   , L0000077   ,
                  L0000078   , L0000079   , L0000080   , L0000081   , L0000082
, L0000083   , L0000084   , . . .   ,

                                          *** 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
 -
- -
         464225.08   3673012.01   4.62635   464425.08
3673012.01   60.47280
         464445.08   3673012.01   50.66094   464465.08
3673012.01   41.71897
         464485.08   3673012.01   34.09434   464505.08
3673012.01   27.64934
         464525.08   3673012.01   22.51059   464545.08
3673012.01   18.49013
         464565.08   3673012.01   15.31019   464585.08
3673012.01   12.81122
         464605.08   3673012.01   10.81928   464105.08
3673032.01   1.20812
         464125.08   3673032.01   1.40577   464145.08
3673032.01   1.67231

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         464165.08    3673032.01        2.03709                    464185.08
3673032.01        2.52683
         464205.08    3673032.01        3.14119                    464225.08
3673032.01        3.97120
         464425.08    3673032.01       37.40680                    464445.08
3673032.01       33.78951
         464465.08    3673032.01       29.66888                    464485.08
3673032.01       25.59209
         464505.08    3673032.01       21.86724                    464525.08
3673032.01       18.62537
         464545.08    3673032.01       15.86975                    464565.08
3673032.01       13.50547
         464585.08    3673032.01       11.53439                    464605.08
3673032.01        9.94241
         464085.08    3673052.01        0.98128                    464105.08
3673052.01        1.12583
         464125.08    3673052.01        1.30404                    464145.08
3673052.01        1.56792
         464165.08    3673052.01        1.88861                    464185.08
3673052.01        2.26759
         464205.08    3673052.01        2.75954                    464225.08
3673052.01        3.40852
         464425.08    3673052.01       23.66235                    464445.08
3673052.01       22.23800
         464465.08    3673052.01       20.42650                    464485.08
3673052.01       18.41127
         464505.08    3673052.01       16.47291                    464525.08
3673052.01       14.62860
         464545.08    3673052.01       12.91030                    464565.08
3673052.01       11.26976
         464585.08    3673052.01        9.91792                    464605.08
3673052.01        8.74531
         464065.08    3673072.01        0.81700                    464085.08
3673072.01        0.92397
         464105.08    3673072.01        1.05433                    464125.08
3673072.01        1.23369
         464145.08    3673072.01        1.46198                    464165.08
3673072.01        1.72939
         464185.08    3673072.01        2.04193                    464205.08
3673072.01        2.42750
         464225.08    3673072.01        2.92036                    464425.08
3673072.01       16.02125
         464445.08    3673072.01       15.26128                    464465.08
3673072.01       14.29663
         464485.08    3673072.01       13.23524                    464505.08
3673072.01       12.21127
         464525.08    3673072.01       11.19173                    464545.08
3673072.01       10.16976
         464565.08    3673072.01        9.05870                    464585.08
3673072.01        8.23214
```

```
         464605.08    3673072.01        7.47451                       464065.08
3673092.01        0.77136
         464085.08    3673092.01        0.86744                       464105.08
3673092.01        0.98516
         464125.08    3673092.01        1.15770                       464145.08
3673092.01        1.35097
         464165.08    3673092.01        1.55922                       464185.08
3673092.01        1.80983
         464205.08    3673092.01        2.12131                       464225.08
3673092.01        2.51141
         464425.08    3673092.01       11.45586                       464445.08
3673092.01       11.01504
         464465.08    3673092.01       10.46148                       464485.08
3673092.01        9.80970
         464505.08    3673092.01        9.16219                       464525.08
3673092.01        8.52193
```



```
                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                  L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                  L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                  L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                     *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         464545.08    3673092.01        7.80953                       464565.08
3673092.01        7.19486
         464585.08    3673092.01        6.69353                       464605.08
3673092.01        6.22441
         464045.08    3673112.01        0.65493                       464065.08
```

3673112.01 0.72714
464085.08 3673112.01 0.81281 464105.08
3673112.01 0.91951
464125.08 3673112.01 1.07706 464145.08
3673112.01 1.23450
464165.08 3673112.01 1.39948 464185.08
3673112.01 1.60815
464205.08 3673112.01 1.85658 464225.08
3673112.01 2.17724
464245.08 3673112.01 2.59589 464265.08
3673112.01 3.15974
464305.08 3673112.01 4.78359 464325.08
3673112.01 5.73822
464345.08 3673112.01 6.71246 464365.08
3673112.01 7.60183
464385.08 3673112.01 8.26899 464405.08
3673112.01 8.54457
464425.08 3673112.01 8.50763 464445.08
3673112.01 8.28295
464465.08 3673112.01 7.96963 464485.08
3673112.01 7.53271
464505.08 3673112.01 7.06144 464525.08
3673112.01 6.59780
464545.08 3673112.01 6.07727 464565.08
3673112.01 5.72023
464585.08 3673112.01 5.40142 464605.08
3673112.01 5.10832
464045.08 3673132.01 0.62073 464065.08
3673132.01 0.68608
464085.08 3673132.01 0.76710 464105.08
3673132.01 0.87390
464125.08 3673132.01 0.99040 464145.08
3673132.01 1.12100
464165.08 3673132.01 1.26350 464185.08
3673132.01 1.43197
464205.08 3673132.01 1.63970 464225.08
3673132.01 1.90590
464245.08 3673132.01 2.25283 464265.08
3673132.01 2.70585
464285.08 3673132.01 3.26623 464305.08
3673132.01 3.90868
464325.08 3673132.01 4.56593 464345.08
3673132.01 5.22935
464365.08 3673132.01 5.85214 464385.08
3673132.01 6.27235
464405.08 3673132.01 6.46479 464425.08
3673132.01 6.50719
464445.08 3673132.01 6.42420 464465.08
3673132.01 6.23597
464485.08 3673132.01 5.92866 464505.08

3673132.01   5.58263
         464525.08   3673132.01   5.17897   464545.08
3673132.01   4.85770
         464565.08   3673132.01   4.60235   464585.08
3673132.01   4.38225
         464605.08   3673132.01   4.18514   464045.08
3673152.01   0.58699
         464065.08   3673152.01   0.64908   464085.08
3673152.01   0.72535
         464105.08   3673152.01   0.82154   464125.08
3673152.01   0.91010
         464145.08   3673152.01   1.01593   464165.08
3673152.01   1.13632
         464185.08   3673152.01   1.27951   464205.08
3673152.01   1.45925
         464225.08   3673152.01   1.68544   464245.08
3673152.01   1.97523
         464265.08   3673152.01   2.33726   464285.08
3673152.01   2.74454
         464305.08   3673152.01   3.21764   464325.08
3673152.01   3.69290
         464345.08   3673152.01   4.16387   464365.08
3673152.01   4.59930
         464385.08   3673152.01   4.89533   464405.08
3673152.01   5.03330

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                              INCLUDING SOURCE(S):   L0000057   , L0000058 , L0000059   , L0000060   , L0000061   ,
                 L0000062   , L0000063   , L0000064   , L0000065   , L0000066 , L0000067   , L0000068   , L0000069   ,
                 L0000070   , L0000071   , L0000072   , L0000073   , L0000074 , L0000075   , L0000076   , L0000077   ,
                 L0000078   , L0000079   , L0000080   , L0000081   , L0000082 , L0000083   , L0000084   , . . .   ,

                                                 *** 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
464425.08	3673152.01	5.09715	464445.08	3673152.01	5.08282
464465.08	3673152.01	4.96762	464485.08	3673152.01	4.75621
464505.08	3673152.01	4.48615	464525.08	3673152.01	4.19611
464545.08	3673152.01	3.96482	464565.08	3673152.01	3.77239
464585.08	3673152.01	3.60704	464605.08	3673152.01	3.46178
464045.08	3673172.01	0.55401	464065.08	3673172.01	0.61661
464085.08	3673172.01	0.69253	464105.08	3673172.01	0.75960
464125.08	3673172.01	0.83681	464145.08	3673172.01	0.92258
464165.08	3673172.01	1.02539	464185.08	3673172.01	1.15238
464205.08	3673172.01	1.30923	464225.08	3673172.01	1.50314
464245.08	3673172.01	1.74525	464265.08	3673172.01	2.02469
464285.08	3673172.01	2.33277	464305.08	3673172.01	2.67278
464325.08	3673172.01	3.03233	464345.08	3673172.01	3.38035
464365.08	3673172.01	3.68738	464385.08	3673172.01	3.91256
464405.08	3673172.01	4.01910	464425.08	3673172.01	4.07852
464445.08	3673172.01	4.09064	464465.08	3673172.01	4.01986
464485.08	3673172.01	3.82435	464505.08	3673172.01	3.65055
464525.08	3673172.01	3.48352	464545.08	3673172.01	3.30458
464565.08	3673172.01	3.15786	464585.08	3673172.01	3.02528
464605.08	3673172.01	2.90681	464045.08	3673192.01	0.52867
464065.08	3673192.01	0.58612	464085.08	3673192.01	0.64565
464105.08	3673192.01	0.70096	464125.08	3673192.01	0.76811
464145.08	3673192.01	0.84338	464165.08	3673192.01	0.93417

```
         464185.08    3673192.01        1.04572                        464205.08
3673192.01        1.18248
         464225.08    3673192.01        1.34955                        464245.08
3673192.01        1.54445
         464265.08    3673192.01        1.77028                        464285.08
3673192.01        2.01858
         464305.08    3673192.01        2.28724                        464325.08
3673192.01        2.53262
         464345.08    3673192.01        2.78003                        464365.08
3673192.01        3.02146
         464385.08    3673192.01        3.19550                        464405.08
3673192.01        3.28899
         464425.08    3673192.01        3.33228                        464445.08
3673192.01        3.34567
         464465.08    3673192.01        3.31638                        464485.08
3673192.01        3.13907
         464505.08    3673192.01        3.05220                        464525.08
3673192.01        2.94673
         464545.08    3673192.01        2.82103                        464565.08
3673192.01        2.70717
         464585.08    3673192.01        2.58884                        464605.08
3673192.01        2.48539
         464045.08    3673212.01        0.50485                        464065.08
3673212.01        0.55286
         464085.08    3673212.01        0.60035                        464105.08
3673212.01        0.64854
         464125.08    3673212.01        0.70701                        464145.08
3673212.01        0.77438
         464165.08    3673212.01        0.85602                        464185.08
3673212.01        0.95569
         464205.08    3673212.01        1.07525                        464225.08
3673212.01        1.21595
         464245.08    3673212.01        1.37731                        464265.08
3673212.01        1.56296
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***       09:22:45

                                  PAGE 169
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                  L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                  L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
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L0000078 , L0000079 , L0000080 , L0000081 , L0000082
, L0000083 , L0000084 , . . . ,

*** 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
464285.08	3673212.01	1.76471	464305.08	3673212.01	1.96400
464325.08	3673212.01	2.14586	464345.08	3673212.01	2.33208
464365.08	3673212.01	2.51632	464385.08	3673212.01	2.65673
464405.08	3673212.01	2.73694	464425.08	3673212.01	2.76749
464445.08	3673212.01	2.77572	464465.08	3673212.01	2.76573
464485.08	3673212.01	2.63417	464505.08	3673212.01	2.58804
464525.08	3673212.01	2.52075	464545.08	3673212.01	2.42567
464565.08	3673212.01	2.33495	464585.08	3673212.01	2.23401
464605.08	3673212.01	2.14446	464045.08	3673232.01	0.47930
464065.08	3673232.01	0.51583	464085.08	3673232.01	0.55725
464105.08	3673232.01	0.60242	464125.08	3673232.01	0.65329
464145.08	3673232.01	0.71421	464165.08	3673232.01	0.78856
464185.08	3673232.01	0.87781	464205.08	3673232.01	0.97984
464225.08	3673232.01	1.10125	464245.08	3673232.01	1.23800
464265.08	3673232.01	1.39138	464285.08	3673232.01	1.55674
464305.08	3673232.01	1.69411	464325.08	3673232.01	1.84074
464345.08	3673232.01	1.98812	464365.08	3673232.01	2.12517
464385.08	3673232.01	2.24294	464405.08	3673232.01	2.30986
464425.08	3673232.01	2.33153	464445.08		

3673232.01   2.33372
         464465.08   3673232.01   2.32992   464485.08
3673232.01   2.23693
         464505.08   3673232.01   2.21861   464525.08
3673232.01   2.17427
         464545.08   3673232.01   2.09770   464565.08
3673232.01   2.02505
         464585.08   3673232.01   1.94154   464605.08
3673232.01   1.86622
         464045.08   3673252.01   0.45305   464065.08
3673252.01   0.48429
         464085.08   3673252.01   0.51992   464105.08
3673252.01   0.55993
         464125.08   3673252.01   0.60769   464145.08
3673252.01   0.66393
         464165.08   3673252.01   0.73077   464185.08
3673252.01   0.80922
         464205.08   3673252.01   0.89812   464225.08
3673252.01   0.99985
         464245.08   3673252.01   1.11846   464265.08
3673252.01   1.24717
         464285.08   3673252.01   1.37609   464305.08
3673252.01   1.48648
         464325.08   3673252.01   1.60113   464345.08
3673252.01   1.71687
         464365.08   3673252.01   1.82540   464385.08
3673252.01   1.92029
         464405.08   3673252.01   1.95603   464425.08
3673252.01   1.97055
         464445.08   3673252.01   1.97798   464465.08
3673252.01   1.93280
         464485.08   3673252.01   1.91494   464505.08
3673252.01   1.91398
         464525.08   3673252.01   1.88961   464545.08
3673252.01   1.83773
         464565.08   3673252.01   1.77997   464585.08
3673252.01   1.70471
         464605.08   3673252.01   1.63622   464045.08
3673272.01   0.42757
         464065.08   3673272.01   0.45534   464085.08
3673272.01   0.48690
         464105.08   3673272.01   0.52326   464125.08
3673272.01   0.56718

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***

INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** 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
464145.08	3673272.01	0.61924	464165.08	3673272.01	0.67910
464185.08	3673272.01	0.74856	464205.08	3673272.01	0.82528
464225.08	3673272.01	0.91331	464245.08	3673272.01	1.01567
464265.08	3673272.01	1.12183	464285.08	3673272.01	1.22099
464305.08	3673272.01	1.31015	464325.08	3673272.01	1.40266
464345.08	3673272.01	1.49664	464365.08	3673272.01	1.58247
464385.08	3673272.01	1.64949	464405.08	3673272.01	1.68063
464425.08	3673272.01	1.69378	464445.08	3673272.01	1.68053
464465.08	3673272.01	1.63947	464485.08	3673272.01	1.65070
464505.08	3673272.01	1.65995	464525.08	3673272.01	1.65197
464545.08	3673272.01	1.62153	464565.08	3673272.01	1.57656
464585.08	3673272.01	1.52265	464605.08	3673272.01	1.46405
464045.08	3673292.01	0.40288	464065.08	3673292.01	0.42859
464085.08	3673292.01	0.45796	464105.08	3673292.01	0.49191

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         464125.08    3673292.01        0.53091                    464145.08
3673292.01        0.57888
         464165.08    3673292.01        0.63271                    464185.08
3673292.01        0.69290
         464205.08    3673292.01        0.75969                    464225.08
3673292.01        0.83933
         464245.08    3673292.01        0.92717                    464265.08
3673292.01        1.01244
         464285.08    3673292.01        1.08610                    464305.08
3673292.01        1.15852
         464325.08    3673292.01        1.23618                    464345.08
3673292.01        1.31519
         464365.08    3673292.01        1.38345                    464385.08
3673292.01        1.41989
         464405.08    3673292.01        1.46269                    464425.08
3673292.01        1.47761
         464445.08    3673292.01        1.42195                    464465.08
3673292.01        1.41965
         464485.08    3673292.01        1.43288                    464505.08
3673292.01        1.44740
         464525.08    3673292.01        1.45200                    464545.08
3673292.01        1.43993
         464565.08    3673292.01        1.40557                    464585.08
3673292.01        1.38085
         464605.08    3673292.01        1.33288                    464545.08
3672412.01        0.21335
         464595.08    3672412.01        0.21532                    464645.08
3672412.01        0.21425
         464695.08    3672412.01        0.21532                    464745.08
3672412.01        0.22170
         464795.08    3672412.01        0.22919                    464845.08
3672412.01        0.23392
         464895.08    3672412.01        0.23703                    464495.08
3672462.01        0.26194
         464545.08    3672462.01        0.25566                    464595.08
3672462.01        0.25681
         464645.08    3672462.01        0.25662                    464695.08
3672462.01        0.26288
         464745.08    3672462.01        0.27267                    464795.08
3672462.01        0.27773
         464845.08    3672462.01        0.28290                    464895.08
3672462.01        0.28225
         464495.08    3672512.01        0.31905                    464545.08
3672512.01        0.31750
         464595.08    3672512.01        0.31325                    464645.08
3672512.01        0.31897
         464695.08    3672512.01        0.33160                    464745.08
3672512.01        0.33950
         464795.08    3672512.01        0.34604                    464845.08
3672512.01        0.34546
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                                *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0000057   , L0000058
, L0000059   , L0000060   , L0000061   ,
                  L0000062   , L0000063   , L0000064   , L0000065   , L0000066
, L0000067   , L0000068   , L0000069   ,
                  L0000070   , L0000071   , L0000072   , L0000073   , L0000074
, L0000075   , L0000076   , L0000077   ,
                  L0000078   , L0000079   , L0000080   , L0000081   , L0000082
, L0000083   , L0000084   , . . .   ,

                                                *** 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
 -
- -
         464495.08   3672562.01   0.40918   464545.08
3672562.01   0.39582
         464595.08   3672562.01   0.39879   464645.08
3672562.01   0.41547
         464695.08   3672562.01   0.43099   464745.08
3672562.01   0.43506
         464795.08   3672562.01   0.43464   464845.08
3672562.01   0.42354
         464895.08   3672562.01   0.40766   464395.08
3672612.01   0.58269
         464445.08   3672612.01   0.54588   464495.08
3672612.01   0.52938
         464545.08   3672612.01   0.52044   464595.08
3672612.01   0.53890
         464645.08   3672612.01   0.56406   464695.08
3672612.01   0.57208
         464745.08   3672612.01   0.56853   464795.08
3672612.01   0.54998
         464845.08   3672612.01   0.51083   464895.08

3672612.01 0.46744
464345.08 3672662.01 0.89937 464395.08 3672662.01 0.80983
464445.08 3672662.01 0.75896 464495.08 3672662.01 0.72207
464545.08 3672662.01 0.73615 464595.08 3672662.01 0.77636
464645.08 3672662.01 0.79313 464695.08 3672662.01 0.78495
464745.08 3672662.01 0.75129 464795.08 3672662.01 0.69647
464845.08 3672662.01 0.61207 464895.08 3672662.01 0.56320
464645.08 3672712.01 1.15372 464695.08 3672712.01 1.08760
464745.08 3672712.01 0.99016 464795.08 3672712.01 0.84444
464845.08 3672712.01 0.75876 464895.08 3672712.01 0.68751
464645.08 3672762.01 1.71591 464695.08 3672762.01 1.49566
464745.08 3672762.01 1.23908 464795.08 3672762.01 1.08160
464845.08 3672762.01 0.95611 464895.08 3672762.01 0.84486
464645.08 3672812.01 2.52988 464695.08 3672812.01 2.01767
464745.08 3672812.01 1.66636 464795.08 3672812.01 1.41205
464845.08 3672812.01 1.21429 464895.08 3672812.01 1.04353
464645.08 3672862.01 3.75700 464695.08 3672862.01 2.83526
464745.08 3672862.01 2.25485 464795.08 3672862.01 1.84591
464845.08 3672862.01 1.53255 464895.08 3672862.01 1.28439
464645.08 3672912.01 5.44867 464695.08 3672912.01 3.92202
464745.08 3672912.01 2.98880 464795.08 3672912.01 2.35406
464845.08 3672912.01 1.89219 464895.08 3672912.01 1.53810
464645.08 3672962.01 7.18097 464695.08 3672962.01 4.99749
464745.08 3672962.01 3.67913 464795.08 3672962.01 2.82052
464845.08 3672962.01 2.19961 464895.08 3672962.01 1.76877
464645.08 3673012.01 7.69272 464695.08

3673012.01   5.45865
         464745.08   3673012.01   4.05312   464795.08
3673012.01   3.07334
         464845.08   3673012.01   2.37441   464895.08
3673012.01   1.90881
         464645.08   3673062.01   6.55743   464695.08
3673062.01   5.02773
         464745.08   3673062.01   3.90702   464795.08
3673062.01   3.01621
         464845.08   3673062.01   2.39053   464895.08
3673062.01   1.93973

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0000057   , L0000058
, L0000059   , L0000060   , L0000061   ,
                  L0000062   , L0000063   , L0000064   , L0000065   , L0000066
, L0000067   , L0000068   , L0000069   ,
                  L0000070   , L0000071   , L0000072   , L0000073   , L0000074
, L0000075   , L0000076   , L0000077   ,
                  L0000078   , L0000079   , L0000080   , L0000081   , L0000082
, L0000083   , L0000084   , . . .   ,

                                              *** 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
 -
- -
         464645.08   3673112.01   4.55244   464695.08
3673112.01   3.88895
         464745.08   3673112.01   3.23812   464795.08
3673112.01   2.65980
         464845.08   3673112.01   2.20818   464895.08
3673112.01   1.83938
         464645.08   3673162.01   2.94276   464695.08
3673162.01   2.66649
         464745.08   3673162.01   2.38245   464795.08
3673162.01   2.10953

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        464845.08    3673162.01        1.86030                    464895.08
3673162.01        1.61601
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3673212.01        1.99326
        464695.08    3673212.01        1.81430                    464745.08
3673212.01        1.67784
        464795.08    3673212.01        1.55021                    464845.08
3673212.01        1.43061
        464895.08    3673212.01        1.30329                    463945.08
3673262.01        0.30692
        463995.08    3673262.01        0.35936                    464645.08
3673262.01        1.42835
        464695.08    3673262.01        1.30686                    464745.08
3673262.01        1.21391
        464795.08    3673262.01        1.14039                    464845.08
3673262.01        1.07140
        464895.08    3673262.01        1.00716                    463895.08
3673312.01        0.24139
        463945.08    3673312.01        0.27467                    463995.08
3673312.01        0.32963
        464045.08    3673312.01        0.38054                    464095.08
3673312.01        0.44705
        464145.08    3673312.01        0.54257                    464195.08
3673312.01        0.67445
        464245.08    3673312.01        0.84657                    464295.08
3673312.01        1.00536
        464345.08    3673312.01        1.16299                    464395.08
3673312.01        1.27397
        464445.08    3673312.01        1.24391                    464495.08
3673312.01        1.25295
        464545.08    3673312.01        1.27422                    464595.08
3673312.01        1.21842
        464645.08    3673312.01        1.10208                    464695.08
3673312.01        1.00324
        464745.08    3673312.01        0.92457                    464795.08
3673312.01        0.86565
        464845.08    3673312.01        0.81320                    464895.08
3673312.01        0.77504
        463895.08    3673362.01        0.21908                    463945.08
3673362.01        0.26113
        463995.08    3673362.01        0.29348                    464045.08
3673362.01        0.33411
        464095.08    3673362.01        0.38962                    464145.08
3673362.01        0.46635
        464195.08    3673362.01        0.56961                    464245.08
3673362.01        0.68409
        464295.08    3673362.01        0.78107                    464345.08
3673362.01        0.87501
        464395.08    3673362.01        0.90598                    464445.08
3673362.01        0.92900
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         464495.08    3673362.01        0.92091                       464545.08
3673362.01        0.95401
         464595.08    3673362.01        0.92918                       464645.08
3673362.01        0.87269
         464695.08    3673362.01        0.79984                       464745.08
3673362.01        0.74269
         464795.08    3673362.01        0.68484                       464845.08
3673362.01        0.63788
         464895.08    3673362.01        0.60322                       463845.08
3673412.01        0.18061
         463895.08    3673412.01        0.20123                       463945.08
3673412.01        0.23510
         463995.08    3673412.01        0.26136                       464045.08
3673412.01        0.29671
         464095.08    3673412.01        0.34359                       464145.08
3673412.01        0.40556
         464195.08    3673412.01        0.48211                       464245.08
3673412.01        0.55977
         464295.08    3673412.01        0.62239                       464345.08
3673412.01        0.67102
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***       09:22:45

                                  PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                  L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                  L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                  L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                      *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         464395.08    3673412.01        0.69952                       464445.08
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3673412.01 0.72894
464595.08 3673412.01 0.72517 464645.08
3673412.01 0.69679
464695.08 3673412.01 0.65939 464745.08
3673412.01 0.61270
464795.08 3673412.01 0.56193 464845.08
3673412.01 0.51934
464895.08 3673412.01 0.48741 463795.08
3673462.01 0.15246
463845.08 3673462.01 0.16544 463895.08
3673462.01 0.19398
463945.08 3673462.01 0.21248 463995.08
3673462.01 0.23564
464045.08 3673462.01 0.26438 464095.08
3673462.01 0.30553
464145.08 3673462.01 0.35708 464195.08
3673462.01 0.41459
464245.08 3673462.01 0.46518 464295.08
3673462.01 0.50363
464345.08 3673462.01 0.52543 464395.08
3673462.01 0.55837
464445.08 3673462.01 0.57247 464495.08
3673462.01 0.56705
464545.08 3673462.01 0.56815 464595.08
3673462.01 0.57436
464645.08 3673462.01 0.56829 464695.08
3673462.01 0.54747
464745.08 3673462.01 0.51151 464795.08
3673462.01 0.47328
464845.08 3673462.01 0.43689 464895.08
3673462.01 0.41246
463795.08 3673512.01 0.14083 463845.08
3673512.01 0.16206
463895.08 3673512.01 0.17712 463945.08
3673512.01 0.19365
463995.08 3673512.01 0.21140 464045.08
3673512.01 0.24060
464095.08 3673512.01 0.27489 464145.08
3673512.01 0.31605
464195.08 3673512.01 0.35944 464245.08
3673512.01 0.39318
464295.08 3673512.01 0.39192 464345.08
3673512.01 0.42829
464395.08 3673512.01 0.45270 464445.08
3673512.01 0.46613
464495.08 3673512.01 0.46072 464545.08
3673512.01 0.45284
464595.08 3673512.01 0.46137 464645.08

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3673512.01        0.46845
         464695.08    3673512.01        0.45286                        464745.08
3673512.01        0.43132
         464795.08    3673512.01        0.40352                        464845.08
3673512.01        0.37826
         464895.08    3673512.01        0.35832                        463745.08
3673562.01        0.12237
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3673562.01        0.14633
         463895.08    3673562.01        0.16309                        463945.08
3673562.01        0.17294
         463995.08    3673562.01        0.19368                        464045.08
3673562.01        0.21992
         464095.08    3673562.01        0.24837                        464145.08
3673562.01        0.28253
         464195.08    3673562.01        0.31184                        464245.08
3673562.01        0.33411
         464295.08    3673562.01        0.32934                        464345.08
3673562.01        0.35879
         464395.08    3673562.01        0.37853                        464445.08
3673562.01        0.38461
         464495.08    3673562.01        0.38385                        464545.08
3673562.01        0.37621
         464595.08    3673562.01        0.38296                        464645.08
3673562.01        0.38700
         464695.08    3673562.01        0.38183                        464745.08
3673562.01        0.36762
         464795.08    3673562.01        0.34958                        464845.08
3673562.01        0.32848
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                   PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                  L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                  L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                  L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464895.08	3673562.01	0.31255	463745.08	3673612.01	0.11410
463795.08	3673612.01	0.12280	463845.08	3673612.01	0.13256
463895.08	3673612.01	0.14224	463945.08	3673612.01	0.15759
463995.08	3673612.01	0.18099	464045.08	3673612.01	0.20109
464095.08	3673612.01	0.22585	464145.08	3673612.01	0.25322
464195.08	3673612.01	0.27416	464245.08	3673612.01	0.27165
464295.08	3673612.01	0.28047	464345.08	3673612.01	0.30572
464395.08	3673612.01	0.31920	464445.08	3673612.01	0.32304
464495.08	3673612.01	0.32134	464545.08	3673612.01	0.31631
464595.08	3673612.01	0.31883	464645.08	3673612.01	0.32274
464695.08	3673612.01	0.32221	464745.08	3673612.01	0.31616
464795.08	3673612.01	0.30368	464845.08	3673612.01	0.28920
464895.08	3673612.01	0.27811	464945.08	3671912.01	0.07076
465045.08	3671912.01	0.07279	465145.08	3671912.01	0.07683
465245.08	3671912.01	0.07843	465345.08	3671912.01	0.07848
465445.08	3671912.01	0.07502	464845.08	3672012.01	0.08139
464945.08	3672012.01	0.08427	465045.08	3672012.01	0.08779
465145.08	3672012.01	0.09172	465245.08	3672012.01	0.09196
465345.08	3672012.01	0.08270	465445.08	3672012.01	0.08069
464745.08	3672112.01	0.09769	464845.08	3672112.01	0.10078
464945.08	3672112.01	0.10305	465045.08	3672112.01	0.10818

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         465145.08    3672112.01        0.11061                       465245.08
3672112.01        0.10369
         465345.08    3672112.01        0.09700                       465445.08
3672112.01        0.09368
         464745.08    3672212.01        0.12383                       464845.08
3672212.01        0.12499
         464945.08    3672212.01        0.13150                       465045.08
3672212.01        0.13628
         465145.08    3672212.01        0.13554                       465245.08
3672212.01        0.12116
         465345.08    3672212.01        0.11580                       465445.08
3672212.01        0.10963
         464645.08    3672312.01        0.15379                       464745.08
3672312.01        0.15910
         464845.08    3672312.01        0.16716                       464945.08
3672312.01        0.17402
         465045.08    3672312.01        0.17457                       465145.08
3672312.01        0.16884
         465245.08    3672312.01        0.14838                       465345.08
3672312.01        0.13989
         465445.08    3672312.01        0.13060                       464945.08
3672412.01        0.23633
         465045.08    3672412.01        0.22745                       465145.08
3672412.01        0.20208
         465245.08    3672412.01        0.18306                       465345.08
3672412.01        0.16676
         465445.08    3672412.01        0.15279                       464945.08
3672512.01        0.32821
         465045.08    3672512.01        0.28888                       465145.08
3672512.01        0.25504
         465245.08    3672512.01        0.22626                       465345.08
3672512.01        0.20077
         465445.08    3672512.01        0.18000                       464945.08
3672612.01        0.43637
         465045.08    3672612.01        0.37860                       465145.08
3672612.01        0.32727
         465245.08    3672612.01        0.28142                       465345.08
3672612.01        0.24436
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
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                 L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                 L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                 L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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3672712.01        0.62206
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3672712.01        0.42917
         465245.08    3672712.01        0.35783                       465345.08
3672712.01        0.30396
         465445.08    3672712.01        0.26302                       464945.08
3672812.01        0.90548
         465045.08    3672812.01        0.70904                       465145.08
3672812.01        0.56220
         465245.08    3672812.01        0.45376                       465345.08
3672812.01        0.37386
         465445.08    3672812.01        0.32423                       464945.08
3672912.01        1.28416
         465045.08    3672912.01        0.93179                       465145.08
3672912.01        0.70592
         465245.08    3672912.01        0.55116                       465345.08
3672912.01        0.45150
         465445.08    3672912.01        0.38803                       464945.08
3673012.01        1.56483
         465045.08    3673012.01        1.09656                       465145.08
3673012.01        0.80158
         465245.08    3673012.01        0.62374                       465345.08
3673012.01        0.51061
         465445.08    3673012.01        0.43000                       464945.08
3673112.01        1.52799
         465045.08    3673112.01        1.09671                       465145.08
3673112.01        0.81386
         465245.08    3673112.01        0.64863                       465345.08
3673112.01        0.53165
         465445.08    3673112.01        0.44558                       464945.08
3673212.01        1.17341
         465045.08    3673212.01        0.93208                       465145.08
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3673212.01        0.74549
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3673312.01        0.73562
         465045.08    3673312.01        0.66667                       465145.08
3673312.01        0.60829
         465245.08    3673312.01        0.54162                       465345.08
3673312.01        0.47589
         465445.08    3673312.01        0.41593                       464945.08
3673412.01        0.47266
         465045.08    3673412.01        0.45230                       465145.08
3673412.01        0.43781
         465245.08    3673412.01        0.41772                       465345.08
3673412.01        0.39102
         465445.08    3673412.01        0.36158                       464945.08
3673512.01        0.34426
         465045.08    3673512.01        0.32259                       465145.08
3673512.01        0.31340
         465245.08    3673512.01        0.30273                       465345.08
3673512.01        0.29839
         465445.08    3673512.01        0.28881                       463645.08
3673612.01        0.10230
         464945.08    3673612.01        0.26812                       465045.08
3673612.01        0.25559
         465145.08    3673612.01        0.24371                       465245.08
3673612.01        0.23271
         465345.08    3673612.01        0.22595                       465445.08
3673612.01        0.22238
         463645.08    3673712.01        0.09116                       463745.08
3673712.01        0.10229
         463845.08    3673712.01        0.11584                       463945.08
3673712.01        0.14205
         464045.08    3673712.01        0.17121                       464145.08
3673712.01        0.20550
         464245.08    3673712.01        0.20537                       464345.08
3673712.01        0.22940
         464445.08    3673712.01        0.23751                       464545.08
3673712.01        0.23468
         464645.08    3673712.01        0.23129                       464745.08
3673712.01        0.23422
         464845.08    3673712.01        0.23333                       465145.08
3673712.01        0.19398
         465245.08    3673712.01        0.18390                       465345.08
3673712.01        0.17821
         465445.08    3673712.01        0.17490                       463745.08
3673812.01        0.08993
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***

INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** 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
463845.08	3673812.01	0.10273	463945.08	3673812.01	0.12591
464045.08	3673812.01	0.14862	464145.08	3673812.01	0.17105
464245.08	3673812.01	0.16456	464345.08	3673812.01	0.18283
464445.08	3673812.01	0.18195	464545.08	3673812.01	0.18073
464645.08	3673812.01	0.17712	464745.08	3673812.01	0.18642
465145.08	3673812.01	0.16330	465245.08	3673812.01	0.15436
465345.08	3673812.01	0.14814	465445.08	3673812.01	0.14340
463945.08	3673912.01	0.10571	464045.08	3673912.01	0.13080
464145.08	3673912.01	0.14475	464545.08	3673912.01	0.14834
464645.08	3673912.01	0.13978	464745.08	3673912.01	0.14683
465145.08	3673912.01	0.14075	465245.08	3673912.01	0.13339
465345.08	3673912.01	0.12707	465445.08	3673912.01	0.12282

463445.08 3674012.01 0.05859 463545.08 3674012.01 0.06142
463645.08 3674012.01 0.06656 464145.08 3674012.01 0.12400
464545.08 3674012.01 0.12066 464645.08 3674012.01 0.12025
465145.08 3674012.01 0.12311 465245.08 3674012.01 0.11691
465345.08 3674012.01 0.11183 465445.08 3674012.01 0.10804
463345.08 3674112.01 0.05143 463445.08 3674112.01 0.05332
463545.08 3674112.01 0.05659 463645.08 3674112.01 0.06121
463745.08 3674112.01 0.06784 463845.08 3674112.01 0.07599
464145.08 3674112.01 0.10407 464545.08 3674112.01 0.10428
465145.08 3674112.01 0.10907 465245.08 3674112.01 0.10427
465345.08 3674112.01 0.10019 465445.08 3674112.01 0.09665
465645.08 3670912.01 0.02880 465845.08 3670912.01 0.03107
466045.08 3670912.01 0.03215 466245.08 3670912.01 0.03239
466445.08 3670912.01 0.03185 465645.08 3671112.01 0.03279
465845.08 3671112.01 0.03473 466045.08 3671112.01 0.03694
466245.08 3671112.01 0.03627 466445.08 3671112.01 0.03538
465445.08 3671312.01 0.03837 465645.08 3671312.01 0.04083
465845.08 3671312.01 0.04011 466045.08 3671312.01 0.04218
466245.08 3671312.01 0.04109 466445.08 3671312.01 0.03782
465245.08 3671512.01 0.04678 465445.08 3671512.01 0.04865
465645.08 3671512.01 0.04956 465845.08 3671512.01 0.04746
466045.08 3671512.01 0.04785 466245.08 3671512.01 0.04781
466445.08 3671512.01 0.04371 465045.08 3671712.01 0.05464
465245.08 3671712.01 0.05923 465445.08 3671712.01 0.06170
465645.08 3671712.01 0.06135 465845.08 3671712.01 0.05916

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** 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
466245.08	3671912.01	0.06290	466445.08	3671912.01	0.05866
465645.08	3672112.01	0.08633	465845.08	3672112.01	0.07878
466045.08	3672112.01	0.08668	466245.08	3672112.01	0.08197
466445.08	3672112.01	0.07447	465645.08	3672312.01	0.11101
465845.08	3672312.01	0.10257	466045.08	3672312.01	0.10873
466245.08	3672312.01	0.10091	466445.08	3672312.01	0.09543
465645.08	3672512.01	0.15260	465845.08	3672512.01	0.13974
466045.08	3672512.01	0.14214	466245.08		

3672512.01 0.12890
466445.08 3672512.01 0.11564 465645.08
3672712.01 0.21982
465845.08 3672712.01 0.18616 466045.08
3672712.01 0.16955
466245.08 3672712.01 0.14616 466445.08
3672712.01 0.14142
465645.08 3672912.01 0.29615 465845.08
3672912.01 0.23954
466045.08 3672912.01 0.21052 466245.08
3672912.01 0.17140
466445.08 3672912.01 0.16551 465645.08
3673112.01 0.33209
465845.08 3673112.01 0.27088 466045.08
3673112.01 0.22511
466245.08 3673112.01 0.18296 466445.08
3673112.01 0.16088
465645.08 3673312.01 0.32178 465845.08
3673312.01 0.25790
466045.08 3673312.01 0.21316 466245.08
3673312.01 0.18060
466445.08 3673312.01 0.15681 465645.08
3673512.01 0.26267
465845.08 3673512.01 0.23273 466045.08
3673512.01 0.20204
466245.08 3673512.01 0.17577 466445.08
3673512.01 0.15351
465645.08 3673712.01 0.17364 465845.08
3673712.01 0.17293
466045.08 3673712.01 0.16748 466245.08
3673712.01 0.15784
466445.08 3673712.01 0.14611 465645.08
3673912.01 0.11828
465845.08 3673912.01 0.11838 466045.08
3673912.01 0.12089
466245.08 3673912.01 0.12302 466445.08
3673912.01 0.12401
465645.08 3674112.01 0.09166 465845.08
3674112.01 0.08884
466045.08 3674112.01 0.08846 466245.08
3674112.01 0.09042
466445.08 3674112.01 0.09422 463245.08
3674312.01 0.04226
463445.08 3674312.01 0.05035 463645.08
3674312.01 0.05501
463845.08 3674312.01 0.06852 464045.08
3674312.01 0.08091
465245.08 3674312.01 0.08503 465445.08
3674312.01 0.07993
465645.08 3674312.01 0.07554 465845.08

3674312.01   0.07277
         466045.08   3674312.01   0.07112   466245.08
3674312.01   0.07058
         466445.08   3674312.01   0.07171   463045.08
3674512.01   0.03508
         463245.08   3674512.01   0.03754   463445.08
3674512.01   0.04514
         463645.08   3674512.01   0.05178   463845.08
3674512.01   0.06179
         464045.08   3674512.01   0.05830   464245.08
3674512.01   0.05866
         465045.08   3674512.01   0.07483   465245.08
3674512.01   0.07222
         465445.08   3674512.01   0.06813   465645.08
3674512.01   0.06448

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                                *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0000057   , L0000058
, L0000059   , L0000060   , L0000061   ,
                  L0000062   , L0000063   , L0000064   , L0000065   , L0000066
, L0000067   , L0000068   , L0000069   ,
                  L0000070   , L0000071   , L0000072   , L0000073   , L0000074
, L0000075   , L0000076   , L0000077   ,
                  L0000078   , L0000079   , L0000080   , L0000081   , L0000082
, L0000083   , L0000084   , . . .   ,

                                                *** 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
 -
- -
         465845.08   3674512.01   0.06255   466045.08
3674512.01   0.06096
         466245.08   3674512.01   0.05961   466445.08
3674512.01   0.05868
         463045.08   3674712.01   0.03132   463245.08
3674712.01   0.03468

```
         463445.08    3674712.01        0.04070                    463645.08
3674712.01        0.04657
         463845.08    3674712.01        0.04789                    464045.08
3674712.01        0.04745
         464245.08    3674712.01        0.04784                    464445.08
3674712.01        0.07074
         465045.08    3674712.01        0.05527                    465245.08
3674712.01        0.05808
         465445.08    3674712.01        0.05862                    465645.08
3674712.01        0.05635
         465845.08    3674712.01        0.06705                    466045.08
3674712.01        0.05317
         466245.08    3674712.01        0.05176                    466445.08
3674712.01        0.05101
         463245.08    3674912.01        0.03124                    463445.08
3674912.01        0.03768
         463645.08    3674912.01        0.04290                    463845.08
3674912.01        0.04218
         464045.08    3674912.01        0.03924                    464245.08
3674912.01        0.05460
         464445.08    3674912.01        0.05371                    464645.08
3674912.01        0.05262
         463245.08    3675112.01        0.03077                    463445.08
3675112.01        0.03415
         463645.08    3675112.01        0.03970                    463845.08
3675112.01        0.03725
         464045.08    3675112.01        0.03322                    464245.08
3675112.01        0.03594
         464445.08    3675112.01        0.04110                    464645.08
3675112.01        0.04049
         464292.03    3673119.21        3.92354                    464232.15
3673080.42        2.92427
         464356.24    3672897.49       30.13112                    464419.69
3672940.47      121.95192
         463237.91    3675184.01        0.03062                    462893.02
3674680.48        0.03144
         463465.53    3673914.84        0.06470                    463644.87
3673956.22        0.06963
         464058.73    3674252.82        0.08504                    464334.64
3674521.83        0.07728
         464479.49    3674687.38        0.06916                    464707.11
3674887.41        0.05976
         464700.21    3675011.57        0.04701                    464782.99
3675170.21        0.05124
         466486.71    3675163.32        0.04725                    466486.71
3674846.02        0.04737
         465638.30    3674846.02        0.05333                    465134.77
3674859.82        0.05345
         464969.22    3674783.94        0.06446                    464776.09
3674597.71        0.07374
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         464872.66    3674542.53        0.07936                       465093.38
3674314.90        0.08627
         465079.59    3673597.54        0.26128                       464824.37
3673728.60        0.22564
         464810.58    3673901.04        0.18162                       464769.19
3673949.33        0.15499
         464651.93    3674025.20        0.12730                       464520.87
3674245.93        0.10868
         464479.49    3674287.31        0.10243                       464424.31
3674252.82        0.11106
         464520.87    3673942.43        0.13975                       464472.59
3673873.45        0.16037
         464231.17    3673825.17        0.15902                       464210.48
3674094.18        0.10021
         464141.50    3674170.05        0.09706                       464100.12
3674045.89        0.11619
         463555.20    3673701.01        0.08420                       463658.89
3673554.59        0.11026
         463703.94    3673572.22        0.11458                       464021.28
3673125.61        0.56142
         464121.18    3672996.32        1.64083                       464107.47
3672978.69        1.67557
         464528.62    3672406.71        0.21236                       465611.07
3670894.31        0.02834
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 179
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                  L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                  L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                  L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                      *** 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
 - - -

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         464305.08    3672952.01       56.39319                    464245.08
3672972.01       28.06108
         464265.08    3672972.01       32.42033                    464285.08
3672972.01       39.08914
         464305.08    3672972.01       55.38827                    464405.08
3672972.01      167.48900
         464245.08    3672992.01       35.11661                    464265.08
3672992.01       41.36481
         464285.08    3672992.01       46.06299                    464385.08
3672992.01      164.85999
         464405.08    3672992.01      133.38398                    464245.08
3673012.01       43.72885
         464265.08    3673012.01       55.97680                    464385.08
3673012.01      112.16289
         464405.08    3673012.01       98.76554                    464245.08
3673032.01       51.16294
         464365.08    3673032.01      120.19660                    464385.08
3673032.01       97.87026
         464405.08    3673032.01       81.15958                    464245.08
3673052.01       54.75983
         464345.08    3673052.01      154.73843                    464365.08
3673052.01      119.53181
         464385.08    3673052.01       92.94696                    464405.08
3673052.01       73.84586
         464345.08    3673072.01      125.65159                    464365.08
3673072.01      100.07729
         464385.08    3673072.01       80.51944                    464405.08
3673072.01       64.71923
         464245.08    3673092.01       26.79132                    464325.08
3673092.01      102.70841
         464345.08    3673092.01       88.46434                    464365.08
3673092.01       74.59410
         464385.08    3673092.01       62.82978                    464405.08
3673092.01       52.55834
         464305.08    3672712.01        2.11475                    464325.08
3672712.01        1.97624
         464345.08    3672712.01        1.86472                    464365.08
3672712.01        1.78477
         464385.08    3672712.01        1.75867                    464405.08
3672712.01        1.68742
         464425.08    3672712.01        1.62781                    464445.08
3672712.01        1.58465
         464465.08    3672712.01        1.56307                    464485.08
3672712.01        1.56350
         464505.08    3672712.01        1.58496                    464525.08
3672712.01        1.62009
         464545.08    3672712.01        1.65914                    464565.08
3672712.01        1.68129
         464585.08    3672712.01        1.70780                    464605.08
3672712.01        1.70529
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*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** 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
464305.08	3672732.01	2.51636	464325.08	3672732.01	2.33930
464345.08	3672732.01	2.22228	464365.08	3672732.01	2.14177
464385.08	3672732.01	2.06258	464405.08	3672732.01	1.97345
464425.08	3672732.01	1.90407	464445.08	3672732.01	1.85957
464465.08	3672732.01	1.84571	464485.08	3672732.01	1.86467
464505.08	3672732.01	1.90453	464525.08	3672732.01	1.95211
464545.08	3672732.01	1.99383	464565.08	3672732.01	2.01836
464585.08	3672732.01	2.02581	464605.08	3672732.01	2.01271
464285.08	3672752.01	3.27037	464305.08	3672752.01	3.03798
464325.08	3672752.01	2.84306	464345.08	3672752.01	2.70209
464365.08	3672752.01	2.59478	464385.08		

3672752.01 2.45635
464405.08 3672752.01 2.34370 464425.08
3672752.01 2.26523
464445.08 3672752.01 2.22614 464465.08
3672752.01 2.23032
464485.08 3672752.01 2.27424 464505.08
3672752.01 2.33476
464525.08 3672752.01 2.39038 464545.08
3672752.01 2.42584
464565.08 3672752.01 2.44034 464585.08
3672752.01 2.42601
464605.08 3672752.01 2.38829 464265.08
3672772.01 4.29876
464285.08 3672772.01 4.02962 464305.08
3672772.01 3.73766
464325.08 3672772.01 3.55558 464345.08
3672772.01 3.37003
464365.08 3672772.01 3.17955 464385.08
3672772.01 2.98282
464405.08 3672772.01 2.83946 464425.08
3672772.01 2.75456
464445.08 3672772.01 2.73316 464465.08
3672772.01 2.77062
464485.08 3672772.01 2.84727 464505.08
3672772.01 2.92679
464525.08 3672772.01 2.97465 464545.08
3672772.01 2.98896
464565.08 3672772.01 2.97187 464585.08
3672772.01 2.92336
464605.08 3672772.01 2.84360 464245.08
3672792.01 5.65238
464265.08 3672792.01 5.39318 464285.08
3672792.01 5.07950
464305.08 3672792.01 4.76074 464325.08
3672792.01 4.57594
464345.08 3672792.01 4.30319 464365.08
3672792.01 3.98337
464385.08 3672792.01 3.72317 464405.08
3672792.01 3.53560
464425.08 3672792.01 3.44714 464445.08
3672792.01 3.46305
464465.08 3672792.01 3.55594 464485.08
3672792.01 3.66996
464505.08 3672792.01 3.74560 464525.08
3672792.01 3.75840
464545.08 3672792.01 3.72550 464565.08
3672792.01 3.65043
464585.08 3672792.01 3.53199 464605.08
3672792.01 3.38157
464245.08 3672812.01 7.12969 464265.08

3672812.01   6.90268
         464285.08   3672812.01   6.59058   464305.08
3672812.01   6.38520
         464325.08   3672812.01   6.10799   464345.08
3672812.01   5.64664
         464365.08   3672812.01   5.15292   464385.08
3672812.01   4.78471
         464405.08   3672812.01   4.54903   464425.08
3672812.01   4.48845
         464445.08   3672812.01   4.58108   464465.08
3672812.01   4.74281
         464485.08   3672812.01   4.87403   464505.08
3672812.01   4.88227
         464525.08   3672812.01   4.80934   464545.08
3672812.01   4.68212
         464565.08   3672812.01   4.50067   464585.08
3672812.01   4.27490
         464605.08   3672812.01   4.02951   464225.08
3672832.01   8.89899
         464245.08   3672832.01   9.03613   464265.08
3672832.01   8.98017
         464285.08   3672832.01   8.81983   464305.08
3672832.01   9.19866

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                 L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                 L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                 L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                 *** 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

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```
         464445.08    3672872.01       14.80374                       464465.08
3672872.01       14.25229
         464485.08    3672872.01       13.20500                       464505.08
3672872.01       11.99067
         464525.08    3672872.01       10.78398                       464545.08
3672872.01        9.65598
         464565.08    3672872.01        8.62100                       464585.08
3672872.01        7.68281
         464605.08    3672872.01        6.86382                       464185.08
3672892.01       11.16458
         464205.08    3672892.01       12.58457                       464225.08
3672892.01       14.27105
         464245.08    3672892.01       17.58115                       464265.08
3672892.01       22.08153
         464285.08    3672892.01       25.52435                       464305.08
3672892.01       28.83022
         464325.08    3672892.01       30.86553                       464345.08
3672892.01       29.74893
         464365.08    3672892.01       25.49664                       464385.08
3672892.01       24.02072
         464405.08    3672892.01       25.40011                       464425.08
3672892.01       25.93014
         464445.08    3672892.01       24.58238                       464465.08
3672892.01       21.94181
         464485.08    3672892.01       19.11336                       464505.08
3672892.01       16.49865
         464525.08    3672892.01       14.24110                       464545.08
3672892.01       12.32152
         464565.08    3672892.01       10.66698                       464585.08
3672892.01        9.29424
         464605.08    3672892.01        8.13838                       464165.08
3672912.01       10.53230
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,
```

*** 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
464185.08	3672912.01	11.85468	464205.08	3672912.01	13.47985
464225.08	3672912.01	16.48839	464425.08	3672912.01	50.38081
464445.08	3672912.01	42.06194	464465.08	3672912.01	34.15305
464485.08	3672912.01	27.61657	464505.08	3672912.01	22.52341
464525.08	3672912.01	18.49777	464545.08	3672912.01	15.30059
464565.08	3672912.01	12.77719	464585.08	3672912.01	11.01373
464605.08	3672912.01	9.57202	464145.08	3672932.01	9.82164
464165.08	3672932.01	11.14376	464185.08	3672932.01	12.62809
464205.08	3672932.01	14.49689	464225.08	3672932.01	18.60673
464425.08	3672932.01	95.88728	464445.08	3672932.01	68.79163
464465.08	3672932.01	50.74051	464485.08	3672932.01	38.33507
464505.08	3672932.01	29.71164	464525.08	3672932.01	23.32142
464545.08	3672932.01	18.55853	464565.08	3672932.01	15.12772
464585.08	3672932.01	12.92654	464605.08	3672932.01	11.08576
464145.08	3672952.01	10.22588	464165.08	3672952.01	11.82323
464185.08	3672952.01	13.69926	464205.08	3672952.01	16.27100
464225.08	3672952.01	20.39822	464425.08	3672952.01	129.94927
464445.08	3672952.01	91.48483	464465.08	3672952.01	65.39827
464485.08	3672952.01	48.11899	464505.08	3672952.01	36.38232
464525.08	3672952.01	27.76964	464545.08		

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3672952.01       21.56811
         464565.08    3672952.01       17.58584                       464585.08
3672952.01       14.89795
         464605.08    3672952.01       12.53510                       464125.08
3672972.01        8.64865
         464145.08    3672972.01       10.36911                       464165.08
3672972.01       12.40140
         464185.08    3672972.01       15.03618                       464205.08
3672972.01       19.30999
         464225.08    3672972.01       23.85488                       464425.08
3672972.01      125.57571
         464445.08    3672972.01       93.66579                       464465.08
3672972.01       69.83297
         464485.08    3672972.01       52.70131                       464505.08
3672972.01       40.26518
         464525.08    3672972.01       31.09212                       464545.08
3672972.01       24.44835
         464565.08    3672972.01       19.98866                       464585.08
3672972.01       16.61407
         464605.08    3672972.01       13.90809                       464125.08
3672992.01        8.17645
         464145.08    3672992.01       10.09906                       464165.08
3672992.01       12.68139
         464185.08    3672992.01       16.44593                       464205.08
3672992.01       23.00760
         464225.08    3672992.01       28.81741                       464425.08
3672992.01      105.47487
         464445.08    3672992.01       82.74118                       464465.08
3672992.01       64.86344
         464485.08    3672992.01       51.09520                       464505.08
3672992.01       40.23393
         464525.08    3672992.01       31.98438                       464545.08
3672992.01       25.79727
         464565.08    3672992.01       21.23643                       464585.08
3672992.01       17.64955
         464605.08    3672992.01       14.84505                       464125.08
3673012.01        7.42115
         464145.08    3673012.01        9.35606                       464165.08
3673012.01       12.58479
         464185.08    3673012.01       18.03908                       464205.08
3673012.01       25.10141
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000120 , L0000121
, L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129
, L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137
, L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145
, L0000146 , L0000147 , . . . ,

*** 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
464225.08	3673012.01	33.44980	464425.08	3673012.01	83.17955
464445.08	3673012.01	68.55049	464465.08	3673012.01	56.05790
464485.08	3673012.01	45.75854	464505.08	3673012.01	37.22317
464525.08	3673012.01	30.48246	464545.08	3673012.01	25.22895
464565.08	3673012.01	21.07422	464585.08	3673012.01	17.80128
464605.08	3673012.01	15.16352	464105.08	3673032.01	5.08733
464125.08	3673032.01	6.39185	464145.08	3673032.01	8.39488
464165.08	3673032.01	11.64269	464185.08	3673032.01	16.90954
464205.08	3673032.01	24.50966	464225.08	3673032.01	35.72984
464425.08	3673032.01	67.70413	464445.08	3673032.01	56.68013
464465.08	3673032.01	47.42628	464485.08	3673032.01	39.64774
464505.08	3673032.01	33.19334	464525.08	3673032.01	27.91054
464545.08	3673032.01	23.60370	464565.08	3673032.01	20.01618
464585.08	3673032.01	17.06017	464605.08	3673032.01	14.72282
464085.08	3673052.01	3.57104	464105.08	3673052.01	4.34111

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         464125.08    3673052.01        5.39250                    464145.08
3673052.01        7.24715
         464165.08    3673052.01        9.94052                    464185.08
3673052.01       13.89698
         464205.08    3673052.01       20.60269                    464225.08
3673052.01       32.77811
         464425.08    3673052.01       59.39075                    464445.08
3673052.01       48.91341
         464465.08    3673052.01       40.87058                    464485.08
3673052.01       34.39832
         464505.08    3673052.01       29.25969                    464525.08
3673052.01       25.03140
         464545.08    3673052.01       21.49399                    464565.08
3673052.01       18.37805
         464585.08    3673052.01       15.94295                    464605.08
3673052.01       13.91623
         464065.08    3673072.01        2.62639                    464085.08
3673072.01        3.09717
         464105.08    3673072.01        3.71803                    464125.08
3673072.01        4.68392
         464145.08    3673072.01        6.07583                    464165.08
3673072.01        8.02898
         464185.08    3673072.01       10.90380                    464205.08
3673072.01       15.55223
         464225.08    3673072.01       23.92283                    464425.08
3673072.01       52.35961
         464445.08    3673072.01       42.94142                    464465.08
3673072.01       35.74580
         464485.08    3673072.01       30.13924                    464505.08
3673072.01       25.80290
         464525.08    3673072.01       22.27812                    464545.08
3673072.01       19.30745
         464565.08    3673072.01       16.57983                    464585.08
3673072.01       14.62000
         464605.08    3673072.01       12.96571                    464065.08
3673092.01        2.32914
         464085.08    3673092.01        2.72197                    464105.08
3673092.01        3.24387
         464125.08    3673092.01        4.09565                    464145.08
3673092.01        5.16934
         464165.08    3673092.01        6.58363                    464185.08
3673092.01        8.66228
         464205.08    3673092.01       11.88851                    464225.08
3673092.01       17.15331
         464425.08    3673092.01       43.76759                    464445.08
3673092.01       36.60327
         464465.08    3673092.01       30.97333                    464485.08
3673092.01       26.36649
         464505.08    3673092.01       22.67445                    464525.08
3673092.01       19.65033
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** 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
464545.08	3673092.01	16.99355	464565.08	3673092.01	14.88194
464585.08	3673092.01	13.25616	464605.08	3673092.01	11.89019
464045.08	3673112.01	1.84536	464065.08	3673112.01	2.11423
464085.08	3673112.01	2.45438	464105.08	3673112.01	2.91843
464125.08	3673112.01	3.66028	464145.08	3673112.01	4.52032
464165.08	3673112.01	5.61750	464185.08	3673112.01	7.23506
464205.08	3673112.01	9.53588	464225.08	3673112.01	13.13239
464245.08	3673112.01	19.10365	464265.08	3673112.01	29.30445
464305.08	3673112.01	52.49019	464325.08	3673112.01	56.27154
464345.08	3673112.01	54.79017	464365.08	3673112.01	50.40567
464385.08	3673112.01	45.39175	464405.08		

3673112.01 39.75772
464425.08 3673112.01 34.42458 464445.08
3673112.01 29.80889
464465.08 3673112.01 25.98363 464485.08
3673112.01 22.56323
464505.08 3673112.01 19.62366 464525.08
3673112.01 17.13062
464545.08 3673112.01 14.90764 464565.08
3673112.01 13.26189
464585.08 3673112.01 11.90550 464605.08
3673112.01 10.76941
464045.08 3673132.01 1.71708 464065.08
3673132.01 1.95960
464085.08 3673132.01 2.28418 464105.08
3673132.01 2.74135
464125.08 3673132.01 3.29313 464145.08
3673132.01 3.99573
464165.08 3673132.01 4.88884 464185.08
3673132.01 6.08566
464205.08 3673132.01 7.75364 464225.08
3673132.01 10.24989
464245.08 3673132.01 14.15913 464265.08
3673132.01 19.84510
464285.08 3673132.01 26.29573 464305.08
3673132.01 31.12471
464325.08 3673132.01 33.40392 464345.08
3673132.01 33.87115
464365.08 3673132.01 33.08993 464385.08
3673132.01 31.17702
464405.08 3673132.01 28.59984 464425.08
3673132.01 25.93478
464445.08 3673132.01 23.37657 464465.08
3673132.01 20.98018
464485.08 3673132.01 18.64525 464505.08
3673132.01 16.54034
464525.08 3673132.01 14.58889 464545.08
3673132.01 12.99145
464565.08 3673132.01 11.68745 464585.08
3673132.01 10.59100
464605.08 3673132.01 9.65637 464045.08
3673152.01 1.60749
464065.08 3673152.01 1.83953 464085.08
3673152.01 2.14195
464105.08 3673152.01 2.53979 464125.08
3673152.01 2.96823
464145.08 3673152.01 3.52023 464165.08
3673152.01 4.21245
464185.08 3673152.01 5.11360 464205.08
3673152.01 6.37030
464225.08 3673152.01 8.19629 464245.08

3673152.01   10.83354
         464265.08   3673152.01   14.18124   464285.08
3673152.01   17.56630
         464305.08   3673152.01   20.46566   464325.08
3673152.01   22.07617
         464345.08   3673152.01   22.56588   464365.08
3673152.01   22.38406
         464385.08   3673152.01   21.63172   464405.08
3673152.01   20.46050

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                          *** 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
 -
- -
         464425.08   3673152.01   19.21701   464445.08
3673152.01   17.89727
         464465.08   3673152.01   16.46578   464485.08
3673152.01   14.97616
         464505.08   3673152.01   13.57838   464525.08
3673152.01   12.24674
         464545.08   3673152.01   11.12265   464565.08
3673152.01   10.16166
         464585.08   3673152.01   9.32141   464605.08
3673152.01   8.58189
         464045.08   3673172.01   1.50596   464065.08
3673172.01   1.73539

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         464085.08    3673172.01        2.02033                    464105.08
3673172.01        2.31080
         464125.08    3673172.01        2.66635                    464145.08
3673172.01        3.09222
         464165.08    3673172.01        3.63144                    464185.08
3673172.01        4.34603
         464205.08    3673172.01        5.33027                    464225.08
3673172.01        6.69839
         464245.08    3673172.01        8.50035                    464265.08
3673172.01       10.51100
         464285.08    3673172.01       12.50712                    464305.08
3673172.01       14.26057
         464325.08    3673172.01       15.52809                    464345.08
3673172.01       16.05707
         464365.08    3673172.01       16.00154                    464385.08
3673172.01       15.65362
         464405.08    3673172.01       15.03532                    464425.08
3673172.01       14.39338
         464445.08    3673172.01       13.68027                    464465.08
3673172.01       12.80626
         464485.08    3673172.01       11.76914                    464505.08
3673172.01       10.91548
         464525.08    3673172.01       10.14679                    464545.08
3673172.01        9.38333
         464565.08    3673172.01        8.72650                    464585.08
3673172.01        8.11591
         464605.08    3673172.01        7.55271                    464045.08
3673192.01        1.42973
         464065.08    3673192.01        1.63214                    464085.08
3673192.01        1.85729
         464105.08    3673192.01        2.09174                    464125.08
3673192.01        2.38286
         464145.08    3673192.01        2.72871                    464165.08
3673192.01        3.16778
         464185.08    3673192.01        3.74868                    464205.08
3673192.01        4.53272
         464225.08    3673192.01        5.56661                    464245.08
3673192.01        6.78539
         464265.08    3673192.01        8.09465                    464285.08
3673192.01        9.44554
         464305.08    3673192.01       10.70303                    464325.08
3673192.01       11.45513
         464345.08    3673192.01       11.87383                    464365.08
3673192.01       12.01266
         464385.08    3673192.01       11.85420                    464405.08
3673192.01       11.51811
         464425.08    3673192.01       11.09851                    464445.08
3673192.01       10.63353
         464465.08    3673192.01       10.10143                    464485.08
3673192.01        9.29670
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         464505.08    3673192.01        8.82408                       464525.08
3673192.01        8.37112
         464545.08    3673192.01        7.89559                       464565.08
3673192.01        7.46165
         464585.08    3673192.01        7.01111                       464605.08
3673192.01        6.59348
         464045.08    3673212.01        1.35243                       464065.08
3673212.01        1.52026
         464085.08    3673212.01        1.69909                       464105.08
3673212.01        1.89361
         464125.08    3673212.01        2.13315                       464145.08
3673212.01        2.42279
         464165.08    3673212.01        2.79315                       464185.08
3673212.01        3.27859
         464205.08    3673212.01        3.90813                       464225.08
3673212.01        4.68192
         464245.08    3673212.01        5.53543                       464265.08
3673212.01        6.44956
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 187
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         464285.08    3673212.01        7.41343                       464305.08
3673212.01        8.26045
         464325.08    3673212.01        8.77699                       464345.08
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3673212.01 9.12102
464365.08 3673212.01 9.30555 464385.08
3673212.01 9.28306
464405.08 3673212.01 9.10683 464425.08
3673212.01 8.81032
464445.08 3673212.01 8.46498 464465.08
3673212.01 8.09898
464485.08 3673212.01 7.50522 464505.08
3673212.01 7.20474
464525.08 3673212.01 6.91566 464545.08
3673212.01 6.59256
464565.08 3673212.01 6.29932 464585.08
3673212.01 5.97832
464605.08 3673212.01 5.67940 464045.08
3673232.01 1.26977
464065.08 3673232.01 1.39929 464085.08
3673232.01 1.54946
464105.08 3673232.01 1.71968 464125.08
3673232.01 1.91950
464145.08 3673232.01 2.16849 464165.08
3673232.01 2.48799
464185.08 3673232.01 2.89687 464205.08
3673232.01 3.39474
464225.08 3673232.01 3.98509 464245.08
3673232.01 4.61376
464265.08 3673232.01 5.27955 464285.08
3673232.01 5.99725
464305.08 3673232.01 6.52529 464325.08
3673232.01 6.93731
464345.08 3673232.01 7.22042 464365.08
3673232.01 7.38039
464385.08 3673232.01 7.44785 464405.08
3673232.01 7.36893
464425.08 3673232.01 7.16511 464445.08
3673232.01 6.89978
464465.08 3673232.01 6.62303 464485.08
3673232.01 6.18169
464505.08 3673232.01 5.97550 464525.08
3673232.01 5.76223
464545.08 3673232.01 5.51069 464565.08
3673232.01 5.29842
464585.08 3673232.01 5.06727 464605.08
3673232.01 4.85576
464045.08 3673252.01 1.18573 464065.08
3673252.01 1.29395
464085.08 3673252.01 1.41933 464105.08
3673252.01 1.56455
464125.08 3673252.01 1.74283 464145.08
3673252.01 1.96268
464165.08 3673252.01 2.23780 464185.08

3673252.01   2.57821
         464205.08   3673252.01   2.97778   464225.08
3673252.01   3.42162
         464245.08   3673252.01   3.90722   464265.08
3673252.01   4.41580
         464285.08   3673252.01   4.93063   464305.08
3673252.01   5.33658
         464325.08   3673252.01   5.64581   464345.08
3673252.01   5.85799
         464365.08   3673252.01   6.00284   464385.08
3673252.01   6.09403
         464405.08   3673252.01   6.00460   464425.08
3673252.01   5.87210
         464445.08   3673252.01   5.70776   464465.08
3673252.01   5.41339
         464485.08   3673252.01   5.18047   464505.08
3673252.01   5.02869
         464525.08   3673252.01   4.86659   464545.08
3673252.01   4.67955
         464565.08   3673252.01   4.51151   464585.08
3673252.01   4.31720
         464605.08   3673252.01   4.14668   464045.08
3673272.01   1.10473
         464065.08   3673272.01   1.19788   464085.08
3673272.01   1.30575
         464105.08   3673272.01   1.43360   464125.08
3673272.01   1.59217

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                 L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                 L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                 L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                        *** 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
464145.08	3673272.01	1.78773	464165.08	3673272.01	2.02470
464185.08	3673272.01	2.30945	464205.08	3673272.01	2.62767
464225.08	3673272.01	2.97561	464245.08	3673272.01	3.35683
464265.08	3673272.01	3.74661	464285.08	3673272.01	4.11681
464305.08	3673272.01	4.43096	464325.08	3673272.01	4.67588
464345.08	3673272.01	4.84359	464365.08	3673272.01	4.95843
464385.08	3673272.01	5.01693	464405.08	3673272.01	4.98160
464425.08	3673272.01	4.91059	464445.08	3673272.01	4.77738
464465.08	3673272.01	4.53084	464485.08	3673272.01	4.40435
464505.08	3673272.01	4.28998	464525.08	3673272.01	4.16746
464545.08	3673272.01	4.02787	464565.08	3673272.01	3.88590
464585.08	3673272.01	3.74511	464605.08	3673272.01	3.60549
464045.08	3673292.01	1.02751	464065.08	3673292.01	1.11078
464085.08	3673292.01	1.20805	464105.08	3673292.01	1.32387
464125.08	3673292.01	1.46218	464145.08	3673292.01	1.63625
464165.08	3673292.01	1.84051	464185.08	3673292.01	2.07514
464205.08	3673292.01	2.33041	464225.08	3673292.01	2.61855
464245.08	3673292.01	2.92228	464265.08	3673292.01	3.21696
464285.08	3673292.01	3.47640	464305.08	3673292.01	3.72190
464325.08	3673292.01	3.92709	464345.08	3673292.01	4.06899
464365.08	3673292.01	4.15505	464385.08	3673292.01	4.15005
464405.08	3673292.01	4.19741	464425.08	3673292.01	4.17235

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         464445.08    3673292.01        3.97826                        464465.08
3673292.01        3.87582
         464485.08    3673292.01        3.78834                        464505.08
3673292.01        3.70369
         464525.08    3673292.01        3.61478                        464545.08
3673292.01        3.51471
         464565.08    3673292.01        3.38990                        464585.08
3673292.01        3.31328
         464605.08    3673292.01        3.19629                        464545.08
3672412.01        0.35415
         464595.08    3672412.01        0.35951                        464645.08
3672412.01        0.35865
         464695.08    3672412.01        0.36058                        464745.08
3672412.01        0.37073
         464795.08    3672412.01        0.38257                        464845.08
3672412.01        0.39008
         464895.08    3672412.01        0.39534                        464495.08
3672462.01        0.42730
         464545.08    3672462.01        0.41966                        464595.08
3672462.01        0.42362
         464645.08    3672462.01        0.42396                        464695.08
3672462.01        0.43382
         464745.08    3672462.01        0.44904                        464795.08
3672462.01        0.45688
         464845.08    3672462.01        0.46543                        464895.08
3672462.01        0.46529
         464495.08    3672512.01        0.51280                        464545.08
3672512.01        0.51410
         464595.08    3672512.01        0.50897                        464645.08
3672512.01        0.51812
         464695.08    3672512.01        0.53737                        464745.08
3672512.01        0.54938
         464795.08    3672512.01        0.56008                        464845.08
3672512.01        0.56059
         464895.08    3672512.01        0.55206                        464445.08
3672562.01        0.65284
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 189
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                 L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
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L0000133 , L0000134 , L0000135 , L0000136 , L0000137
, L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145
, L0000146 , L0000147 , . . . ,

*** 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
464495.08	3672562.01	0.64702	464545.08	3672562.01	0.62967
464595.08	3672562.01	0.63539	464645.08	3672562.01	0.66047
464695.08	3672562.01	0.68360	464745.08	3672562.01	0.69049
464795.08	3672562.01	0.69214	464845.08	3672562.01	0.67834
464895.08	3672562.01	0.65742	464395.08	3672612.01	0.88301
464445.08	3672612.01	0.83617	464495.08	3672612.01	0.81941
464545.08	3672612.01	0.80930	464595.08	3672612.01	0.83673
464645.08	3672612.01	0.87345	464695.08	3672612.01	0.88642
464745.08	3672612.01	0.88488	464795.08	3672612.01	0.86247
464845.08	3672612.01	0.81079	464895.08	3672612.01	0.74292
464345.08	3672662.01	1.30143	464395.08	3672662.01	1.19141
464445.08	3672662.01	1.13301	464495.08	3672662.01	1.08803
464545.08	3672662.01	1.11014	464595.08	3672662.01	1.16709
464645.08	3672662.01	1.19295	464695.08	3672662.01	1.18779
464745.08	3672662.01	1.14816	464795.08	3672662.01	1.07669
464845.08	3672662.01	0.95383	464895.08	3672662.01	0.88731
464645.08	3672712.01	1.68571	464695.08	3672712.01	1.61019
464745.08	3672712.01	1.48832	464795.08		

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3672712.01        1.28312
         464845.08    3672712.01        1.16838                        464895.08
3672712.01        1.07133
         464645.08    3672762.01        2.44027                        464695.08
3672762.01        2.17092
         464745.08    3672762.01        1.82526                        464795.08
3672762.01        1.61960
         464845.08    3672762.01        1.45274                        464895.08
3672762.01        1.30066
         464645.08    3672812.01        3.50965                        464695.08
3672812.01        2.85811
         464745.08    3672812.01        2.41108                        464795.08
3672812.01        2.08165
         464845.08    3672812.01        1.82054                        464895.08
3672812.01        1.58855
         464645.08    3672862.01        5.08708                        464695.08
3672862.01        3.93697
         464745.08    3672862.01        3.21062                        464795.08
3672862.01        2.68754
         464845.08    3672862.01        2.27619                        464895.08
3672862.01        1.94175
         464645.08    3672912.01        7.23548                        464695.08
3672912.01        5.39098
         464745.08    3672912.01        4.23066                        464795.08
3672912.01        3.41818
         464845.08    3672912.01        2.80944                        464895.08
3672912.01        2.32872
         464645.08    3672962.01        9.65278                        464695.08
3672962.01        6.96012
         464745.08    3672962.01        5.27906                        464795.08
3672962.01        4.15138
         464845.08    3672962.01        3.31018                        464895.08
3672962.01        2.71337
         464645.08    3673012.01       10.99547                        464695.08
3673012.01        7.98449
         464745.08    3673012.01        6.05501                        464795.08
3673012.01        4.68144
         464845.08    3673012.01        3.68175                        464895.08
3673012.01        3.00592
         464645.08    3673062.01       10.64549                        464695.08
3673062.01        8.06979
         464745.08    3673062.01        6.26110                        464795.08
3673062.01        4.85704
         464845.08    3673062.01        3.87712                        464895.08
3673062.01        3.17117
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** 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
464645.08	3673112.01	8.93629	464695.08	3673112.01	7.18123
464745.08	3673112.01	5.75914	464795.08	3673112.01	4.63138
464845.08	3673112.01	3.80136	464895.08	3673112.01	3.15182
464645.08	3673162.01	6.95552	464695.08	3673162.01	5.79655
464745.08	3673162.01	4.84313	464795.08	3673162.01	4.07926
464845.08	3673162.01	3.47177	464895.08	3673162.01	2.94651
463995.08	3673212.01	1.02853	464645.08	3673212.01	5.12166
464695.08	3673212.01	4.42153	464745.08	3673212.01	3.84917
464795.08	3673212.01	3.35650	464845.08	3673212.01	2.94719
464895.08	3673212.01	2.57919	463945.08	3673262.01	0.73607
463995.08	3673262.01	0.89586	464645.08	3673262.01	3.57815
464695.08	3673262.01	3.24856	464745.08	3673262.01	2.94351
464795.08	3673262.01	2.66427	464845.08	3673262.01	2.39957

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        464895.08    3673262.01        2.16196                    463895.08
3673312.01        0.55646
        463945.08    3673312.01        0.65096                    463995.08
3673312.01        0.80330
        464045.08    3673312.01        0.95828                    464095.08
3673312.01        1.17255
        464145.08    3673312.01        1.50422                    464195.08
3673312.01        1.98474
        464245.08    3673312.01        2.55881                    464295.08
3673312.01        3.09078
        464345.08    3673312.01        3.46119                    464395.08
3673312.01        3.57194
        464445.08    3673312.01        3.42038                    464495.08
3673312.01        3.23845
        464545.08    3673312.01        3.07574                    464595.08
3673312.01        2.86084
        464645.08    3673312.01        2.59449                    464695.08
3673312.01        2.38996
        464745.08    3673312.01        2.21392                    464795.08
3673312.01        2.05653
        464845.08    3673312.01        1.89308                    464895.08
3673312.01        1.75388
        463895.08    3673362.01        0.50047                    463945.08
3673362.01        0.60791
        463995.08    3673362.01        0.69921                    464045.08
3673362.01        0.81810
        464095.08    3673362.01        0.98918                    464145.08
3673362.01        1.23834
        464195.08    3673362.01        1.56822                    464245.08
3673362.01        1.90315
        464295.08    3673362.01        2.20738                    464345.08
3673362.01        2.41126
        464395.08    3673362.01        2.39129                    464445.08
3673362.01        2.43451
        464495.08    3673362.01        2.35052                    464545.08
3673362.01        2.28182
        464595.08    3673362.01        2.11953                    464645.08
3673362.01        1.96000
        464695.08    3673362.01        1.80708                    464745.08
3673362.01        1.70124
        464795.08    3673362.01        1.58551                    464845.08
3673362.01        1.47861
        464895.08    3673362.01        1.38532                    463845.08
3673412.01        0.40120
        463895.08    3673412.01        0.45420                    463945.08
3673412.01        0.53866
        463995.08    3673412.01        0.61042                    464045.08
3673412.01        0.71049
        464095.08    3673412.01        0.84906                    464145.08
3673412.01        1.03731
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** 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
464195.08	3673412.01	1.25532	464245.08	3673412.01	1.46466
464295.08	3673412.01	1.65488	464345.08	3673412.01	1.76181
464395.08	3673412.01	1.75806	464445.08	3673412.01	1.78721
464495.08	3673412.01	1.79283	464545.08	3673412.01	1.74417
464595.08	3673412.01	1.64507	464645.08	3673412.01	1.53133
464695.08	3673412.01	1.43628	464745.08	3673412.01	1.34332
464795.08	3673412.01	1.24874	464845.08	3673412.01	1.16844
464895.08	3673412.01	1.10316	463795.08	3673462.01	0.33135
463845.08	3673462.01	0.36437	463895.08	3673462.01	0.43171
463945.08	3673462.01	0.47974	463995.08	3673462.01	0.54150
464045.08	3673462.01	0.62140	464095.08		

3673462.01 0.73763
464145.08 3673462.01 0.88339 464195.08
3673462.01 1.03152
464245.08 3673462.01 1.16259 464295.08
3673462.01 1.27841
464345.08 3673462.01 1.31621 464395.08
3673462.01 1.35217
464445.08 3673462.01 1.37101 464495.08
3673462.01 1.38108
464545.08 3673462.01 1.35649 464595.08
3673462.01 1.30757
464645.08 3673462.01 1.24312 464695.08
3673462.01 1.17235
464745.08 3673462.01 1.08962 464795.08
3673462.01 1.01465
464845.08 3673462.01 0.94803 464895.08
3673462.01 0.90591
463795.08 3673512.01 0.30403 463845.08
3673512.01 0.35260
463895.08 3673512.01 0.38971 463945.08
3673512.01 0.43185
463995.08 3673512.01 0.47928 464045.08
3673512.01 0.55648
464095.08 3673512.01 0.65019 464145.08
3673512.01 0.75867
464195.08 3673512.01 0.86171 464245.08
3673512.01 0.94909
464295.08 3673512.01 0.96886 464345.08
3673512.01 1.03848
464395.08 3673512.01 1.06546 464445.08
3673512.01 1.07913
464495.08 3673512.01 1.08756 464545.08
3673512.01 1.07166
464595.08 3673512.01 1.05458 464645.08
3673512.01 1.02773
464695.08 3673512.01 0.96545 464745.08
3673512.01 0.90617
464795.08 3673512.01 0.84535 464845.08
3673512.01 0.79707
464895.08 3673512.01 0.76298 463745.08
3673562.01 0.25993
463795.08 3673562.01 0.28110 463845.08
3673562.01 0.31561
463895.08 3673562.01 0.35549 463945.08
3673562.01 0.38168
463995.08 3673562.01 0.43390 464045.08
3673562.01 0.50147
464095.08 3673562.01 0.57643 464145.08
3673562.01 0.66030
464195.08 3673562.01 0.72496 464245.08

3673562.01   0.78461
         464295.08   3673562.01   0.79397   464345.08
3673562.01   0.84500
         464395.08   3673562.01   0.87072   464445.08
3673562.01   0.86776
         464495.08   3673562.01   0.87834   464545.08
3673562.01   0.87592
         464595.08   3673562.01   0.87529   464645.08
3673562.01   0.85337
         464695.08   3673562.01   0.81548   464745.08
3673562.01   0.76912
         464795.08   3673562.01   0.72398   464845.08
3673562.01   0.67939

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                          *** 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
 - - -

```
         464095.08    3673612.01        0.51512                    464145.08
3673612.01        0.57772
         464195.08    3673612.01        0.62208                    464245.08
3673612.01        0.62699
         464295.08    3673612.01        0.66122                    464345.08
3673612.01        0.70300
         464395.08    3673612.01        0.72016                    464445.08
3673612.01        0.71499
         464495.08    3673612.01        0.71533                    464545.08
3673612.01        0.72150
         464595.08    3673612.01        0.72521                    464645.08
3673612.01        0.71462
         464695.08    3673612.01        0.69112                    464745.08
3673612.01        0.66192
         464795.08    3673612.01        0.62637                    464845.08
3673612.01        0.59232
         464895.08    3673612.01        0.56942                    464945.08
3671912.01        0.12646
         465045.08    3671912.01        0.13015                    465145.08
3671912.01        0.13724
         465245.08    3671912.01        0.13999                    465345.08
3671912.01        0.14008
         465445.08    3671912.01        0.13479                    464845.08
3672012.01        0.14422
         464945.08    3672012.01        0.14958                    465045.08
3672012.01        0.15571
         465145.08    3672012.01        0.16246                    465245.08
3672012.01        0.16288
         465345.08    3672012.01        0.14645                    465445.08
3672012.01        0.14295
         464745.08    3672112.01        0.17121                    464845.08
3672112.01        0.17719
         464945.08    3672112.01        0.18113                    465045.08
3672112.01        0.18983
         465145.08    3672112.01        0.19399                    465245.08
3672112.01        0.18290
         465345.08    3672112.01        0.17024                    465445.08
3672112.01        0.16468
         464745.08    3672212.01        0.21498                    464845.08
3672212.01        0.21716
         464945.08    3672212.01        0.22801                    465045.08
3672212.01        0.23605
         465145.08    3672212.01        0.23499                    465245.08
3672212.01        0.21017
         465345.08    3672212.01        0.20147                    465445.08
3672212.01        0.19148
         464645.08    3672312.01        0.26213                    464745.08
3672312.01        0.27219
         464845.08    3672312.01        0.28539                    464945.08
3672312.01        0.29655
```

```
         465045.08    3672312.01        0.29785                       465145.08
3672312.01        0.28917
         465245.08    3672312.01        0.25485                       465345.08
3672312.01        0.24167
         465445.08    3672312.01        0.22697                       464945.08
3672412.01        0.39479
         465045.08    3672412.01        0.38223                       465145.08
3672412.01        0.34075
         465245.08    3672412.01        0.31187                       465345.08
3672412.01        0.28624
         465445.08    3672412.01        0.26398                       464945.08
3672512.01        0.53781
         465045.08    3672512.01        0.47840                       465145.08
3672512.01        0.42660
         465245.08    3672512.01        0.38215                       465345.08
3672512.01        0.34178
         465445.08    3672512.01        0.30847                       464945.08
3672612.01        0.70067
         465045.08    3672612.01        0.61758                       465145.08
3672612.01        0.54074
         465245.08    3672612.01        0.46990                       465345.08
3672612.01        0.41166
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                   L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                   L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                   L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                                *** 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
 -
```
```

- - - -

```
3673512.01        0.74126
         465045.08    3673512.01        0.70477                          465145.08
3673512.01        0.68335
         465245.08    3673512.01        0.64897                          465345.08
3673512.01        0.62405
         465445.08    3673512.01        0.58923                          463645.08
3673612.01        0.21291
         464945.08    3673612.01        0.55147                          465045.08
3673612.01        0.53414
         465145.08    3673612.01        0.51686                          465245.08
3673612.01        0.49722
         465345.08    3673612.01        0.48118                          465445.08
3673612.01        0.46792
         463645.08    3673712.01        0.18822                          463745.08
3673712.01        0.21329
         463845.08    3673712.01        0.24488                          463945.08
3673712.01        0.30578
         464045.08    3673712.01        0.37691                          464145.08
3673712.01        0.45052
         464245.08    3673712.01        0.46004                          464345.08
3673712.01        0.50868
         464445.08    3673712.01        0.51268                          464545.08
3673712.01        0.51237
         464645.08    3673712.01        0.51145                          464745.08
3673712.01        0.49385
         464845.08    3673712.01        0.47584                          465145.08
3673712.01        0.39719
         465245.08    3673712.01        0.38146                          465345.08
3673712.01        0.37335
         465445.08    3673712.01        0.36780                          463745.08
3673812.01        0.18595
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                   PAGE 194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,
```

*** 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
463845.08	3673812.01	0.21501	463945.08	3673812.01	0.26768
464045.08	3673812.01	0.32050	464145.08	3673812.01	0.36438
464245.08	3673812.01	0.36034	464345.08	3673812.01	0.39498
464445.08	3673812.01	0.38643	464545.08	3673812.01	0.38032
464645.08	3673812.01	0.38540	464745.08	3673812.01	0.39615
465145.08	3673812.01	0.32698	465245.08	3673812.01	0.31162
465345.08	3673812.01	0.30204	465445.08	3673812.01	0.29525
463945.08	3673912.01	0.22276	464045.08	3673912.01	0.27651
464145.08	3673912.01	0.30233	464545.08	3673912.01	0.30436
464645.08	3673912.01	0.29736	464745.08	3673912.01	0.31193
465145.08	3673912.01	0.27871	465245.08	3673912.01	0.26504
465345.08	3673912.01	0.25393	465445.08	3673912.01	0.24724
463445.08	3674012.01	0.11735	463545.08	3674012.01	0.12367
463645.08	3674012.01	0.13484	464145.08	3674012.01	0.25549
464545.08	3674012.01	0.24378	464645.08	3674012.01	0.24991
465145.08	3674012.01	0.24251	465245.08	3674012.01	0.23031
465345.08	3674012.01	0.22094	465445.08	3674012.01	0.21430
463345.08	3674112.01	0.10224	463445.08	3674112.01	0.10644
463545.08	3674112.01	0.11348	463645.08	3674112.01	0.12347
463745.08	3674112.01	0.13778	463845.08	3674112.01	0.15582

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         464145.08    3674112.01        0.21290                        464545.08
3674112.01        0.20926
         465145.08    3674112.01        0.21451                        465245.08
3674112.01        0.20438
         465345.08    3674112.01        0.19658                        465445.08
3674112.01        0.19009
         465645.08    3670912.01        0.05308                        465845.08
3670912.01        0.05725
         466045.08    3670912.01        0.05922                        466245.08
3670912.01        0.05968
         466445.08    3670912.01        0.05873                        465645.08
3671112.01        0.06026
         465845.08    3671112.01        0.06378                        466045.08
3671112.01        0.06783
         466245.08    3671112.01        0.06666                        466445.08
3671112.01        0.06501
         465445.08    3671312.01        0.07024                        465645.08
3671312.01        0.07468
         465845.08    3671312.01        0.07335                        466045.08
3671312.01        0.07719
         466245.08    3671312.01        0.07518                        466445.08
3671312.01        0.06900
         465245.08    3671512.01        0.08513                        465445.08
3671512.01        0.08850
         465645.08    3671512.01        0.09012                        465845.08
3671512.01        0.08633
         466045.08    3671512.01        0.08706                        466245.08
3671512.01        0.08693
         466445.08    3671512.01        0.07958                        465045.08
3671712.01        0.09866
         465245.08    3671712.01        0.10698                        465445.08
3671712.01        0.11133
         465645.08    3671712.01        0.11075                        465845.08
3671712.01        0.10682
         466045.08    3671712.01        0.10285                        466245.08
3671712.01        0.09610
         466445.08    3671712.01        0.09251                        465645.08
3671912.01        0.12238
         465845.08    3671912.01        0.11862                        466045.08
3671912.01        0.12577
```


*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000120 , L0000121
, L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129
, L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137
, L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145
, L0000146 , L0000147 , . . . ,

*** 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
466245.08	3671912.01	0.11363	466445.08	3671912.01	0.10632
465645.08	3672112.01	0.15264	465845.08	3672112.01	0.14025
466045.08	3672112.01	0.15531	466245.08	3672112.01	0.14744
466445.08	3672112.01	0.13433	465645.08	3672312.01	0.19480
465845.08	3672312.01	0.18131	466045.08	3672312.01	0.19340
466245.08	3672312.01	0.18037	466445.08	3672312.01	0.17136
465645.08	3672512.01	0.26445	465845.08	3672512.01	0.24453
466045.08	3672512.01	0.25139	466245.08	3672512.01	0.22950
466445.08	3672512.01	0.20696	465645.08	3672712.01	0.37723
465845.08	3672712.01	0.32372	466045.08	3672712.01	0.29820
466245.08	3672712.01	0.25905	466445.08	3672712.01	0.25292
465645.08	3672912.01	0.51298	465845.08	3672912.01	0.42095
466045.08	3672912.01	0.37420	466245.08	3672912.01	0.30716
466445.08	3672912.01	0.29900	465645.08	3673112.01	0.59616
465845.08	3673112.01	0.49021	466045.08	3673112.01	0.41018
466245.08	3673112.01	0.33550	466445.08		

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3673112.01        0.29616
         465645.08    3673312.01        0.59151                    465845.08
3673312.01        0.47447
         466045.08    3673312.01        0.39354                    466245.08
3673312.01        0.33476
         466445.08    3673312.01        0.29169                    465645.08
3673512.01        0.51164
         465845.08    3673512.01        0.44086                    466045.08
3673512.01        0.37763
         466245.08    3673512.01        0.32685                    466445.08
3673512.01        0.28524
         465645.08    3673712.01        0.36041                    465845.08
3673712.01        0.34873
         466045.08    3673712.01        0.32803                    466245.08
3673712.01        0.30231
         466445.08    3673712.01        0.27584                    465645.08
3673912.01        0.24191
         465845.08    3673912.01        0.24367                    466045.08
3673912.01        0.24657
         466245.08    3673912.01        0.24626                    466445.08
3673912.01        0.24320
         465645.08    3674112.01        0.18141                    465845.08
3674112.01        0.17778
         466045.08    3674112.01        0.17910                    466245.08
3674112.01        0.18366
         466445.08    3674112.01        0.18996                    463245.08
3674312.01        0.08337
         463445.08    3674312.01        0.09990                    463645.08
3674312.01        0.11005
         463845.08    3674312.01        0.13913                    464045.08
3674312.01        0.16178
         465245.08    3674312.01        0.16624                    465445.08
3674312.01        0.15568
         465645.08    3674312.01        0.14761                    465845.08
3674312.01        0.14258
         466045.08    3674312.01        0.14022                    466245.08
3674312.01        0.14065
         466445.08    3674312.01        0.14414                    463045.08
3674512.01        0.06867
         463245.08    3674512.01        0.07374                    463445.08
3674512.01        0.08917
         463645.08    3674512.01        0.10304                    463845.08
3674512.01        0.12419
         464045.08    3674512.01        0.11497                    464245.08
3674512.01        0.12010
         465045.08    3674512.01        0.14995                    465245.08
3674512.01        0.14172
         465445.08    3674512.01        0.13207                    465645.08
3674512.01        0.12510
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                                *** 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
 - - -

```
         463645.08    3674912.01        0.08500                    463845.08
3674912.01        0.08237
         464045.08    3674912.01        0.07679                    464245.08
3674912.01        0.10909
         464445.08    3674912.01        0.10413                    464645.08
3674912.01        0.10248
         463245.08    3675112.01        0.05996                    463445.08
3675112.01        0.06685
         463645.08    3675112.01        0.07838                    463845.08
3675112.01        0.07197
         464045.08    3675112.01        0.06490                    464245.08
3675112.01        0.07210
         464445.08    3675112.01        0.07912                    464645.08
3675112.01        0.07878
         464292.03    3673119.21       38.43706                    464232.15
3673080.42       24.07328
         464356.24    3672897.49       32.89012                    464419.69
3672940.47      128.17298
         463237.91    3675184.01        0.05962                    462893.02
3674680.48        0.06125
         463465.53    3673914.84        0.13023                    463644.87
3673956.22        0.14148
         464058.73    3674252.82        0.17095                    464334.64
3674521.83        0.15537
         464479.49    3674687.38        0.13563                    464707.11
3674887.41        0.11558
         464700.21    3675011.57        0.09087                    464782.99
3675170.21        0.09848
         466486.71    3675163.32        0.09080                    466486.71
3674846.02        0.09162
         465638.30    3674846.02        0.10280                    465134.77
3674859.82        0.10602
         464969.22    3674783.94        0.12766                    464776.09
3674597.71        0.14518
         464872.66    3674542.53        0.15857                    465093.38
3674314.90        0.17145
         465079.59    3673597.54        0.55244                    464824.37
3673728.60        0.46263
         464810.58    3673901.04        0.37669                    464769.19
3673949.33        0.32591
         464651.93    3674025.20        0.26389                    464520.87
3674245.93        0.21816
         464479.49    3674287.31        0.20565                    464424.31
3674252.82        0.22283
         464520.87    3673942.43        0.28545                    464472.59
3673873.45        0.33483
         464231.17    3673825.17        0.34510                    464210.48
3674094.18        0.20849
         464141.50    3674170.05        0.19744                    464100.12
3674045.89        0.23826
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         463555.20    3673701.01        0.17249                       463658.89
3673554.59        0.23087
         463703.94    3673572.22        0.24146                       464021.28
3673125.61        1.50932
         464121.18    3672996.32        7.70710                       464107.47
3672978.69        7.20931
         464528.62    3672406.71        0.35247                       465611.07
3670894.31        0.05224
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 197
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                   L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                   L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                   L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                      *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         462213.63    3670882.09        0.16835                       462220.00
3675217.12        0.04206
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 198
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000120    , L0000121
```

, L0000122   , L0000123   , L0000124   ,
                L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
        464365.08   3673032.01     1979.28525  (21122116)                464385.08
3673032.01     1452.70803  (21122116)
        464405.08   3673032.01     1055.16517  (21122116)                464245.08
3673052.01     4306.46743  (21120908)
        464345.08   3673052.01     2623.34093  (21020108)                464365.08
3673052.01     2277.47563  (21020108)
        464385.08   3673052.01     1793.99606  (21020108)                464405.08
3673052.01     1405.03737  (21020108)
        464345.08   3673072.01     2649.24940  (21020108)                464365.08
3673072.01     2504.77612  (21020108)
        464385.08   3673072.01     2347.53332  (21020108)                464405.08
3673072.01     2121.58157  (21020108)
        464245.08   3673092.01     2504.77593  (21111609)                464325.08
3673092.01     2330.47735  (21020108)
        464345.08   3673092.01     2383.63983  (21020108)                464365.08
3673092.01     2379.75586  (21020108)
        464385.08   3673092.01     2351.96095  (21020108)                464405.08
3673092.01     2298.64271  (21020108)
        464305.08   3672712.01      182.04777  (21020208)                464325.08
3672712.01      181.31652  (21020208)
        464345.08   3672712.01      179.97480  (21020208)                464365.08
3672712.01      178.55627  (21020208)
        464385.08   3672712.01      211.65131  (21020208)                464405.08
3672712.01      212.79094  (21020208)
        464425.08   3672712.01      209.54169  (21020208)                464445.08
3672712.01      205.30892  (21020208)
        464465.08   3672712.01      202.25637  (21020208)                464485.08
3672712.01      198.91609  (21020208)
        464505.08   3672712.01      197.15826  (21020208)                464525.08
3672712.01      195.93095  (21020208)
        464545.08   3672712.01      193.54184  (21020208)                464565.08
3672712.01      187.86358  (21020208)
        464585.08   3672712.01      182.33092  (21020208)                464605.08
3672712.01      176.47057  (21020208)
        464305.08   3672732.01      193.62015  (21020208)                464325.08
3672732.01      192.74679  (21020208)
        464345.08   3672732.01      191.33709  (21020208)                464365.08
3672732.01      201.13403  (21020208)
        464385.08   3672732.01      225.93887  (21020208)                464405.08
3672732.01      226.17395  (21020208)
        464425.08   3672732.01      223.08655  (21020208)                464445.08
3672732.01      218.27875  (21020208)
        464465.08   3672732.01      213.73735  (21020208)                464485.08
3672732.01      213.24035  (21020208)
        464505.08   3672732.01      211.97148  (21020208)                464525.08
3672732.01      207.54776  (21020208)
        464545.08   3672732.01      201.24406  (21020208)                464565.08
3672732.01      194.90459  (21020208)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
3672772.01      232.55178  (21020208)
        464365.08   3672772.01      258.89875  (21020208)                464385.08
3672772.01      254.56040  (21020208)
        464405.08   3672772.01      251.70363  (21020208)                464425.08
3672772.01      250.49189  (21020208)
        464445.08   3672772.01      247.93413  (21020208)                464465.08
3672772.01      243.38590  (21020208)
        464485.08   3672772.01      240.82605  (21020208)                464505.08
3672772.01      234.09351  (21020208)
        464525.08   3672772.01      225.80576  (21020208)                464545.08
3672772.01      217.65887  (21020208)
        464565.08   3672772.01      209.73985  (21020208)                464585.08
3672772.01      202.07835  (21020208)
        464605.08   3672772.01      194.58904  (21020208)                464245.08
3672792.01      638.57315  (21122108)
        464265.08   3672792.01      463.49398  (21121708)                464285.08
3672792.01      285.71106  (21121708)
        464305.08   3672792.01      239.09553  (21020208)                464325.08
3672792.01      243.08759  (21020208)
        464345.08   3672792.01      271.80582  (21020208)                464365.08
3672792.01      280.37068  (21020208)
        464385.08   3672792.01      280.23308  (21020208)                464405.08
3672792.01      272.02929  (21020208)
        464425.08   3672792.01      265.45085  (21020208)                464445.08
3672792.01      260.81487  (21020208)
        464465.08   3672792.01      258.31676  (21020208)                464485.08
3672792.01      254.37381  (21020208)
        464505.08   3672792.01      245.13353  (21020208)                464525.08
3672792.01      235.65189  (21020208)
        464545.08   3672792.01      226.45427  (21020208)                464565.08
3672792.01      217.61990  (21020208)
        464585.08   3672792.01      209.07151  (21020208)                464605.08
3672792.01      200.71752  (21020208)
        464245.08   3672812.01      748.64352  (21122108)                464265.08
3672812.01      527.44176  (21121708)
        464285.08   3672812.01      327.71226  (21121708)                464305.08
3672812.01      275.01222  (19110808)
        464325.08   3672812.01      281.86303  (21020208)                464345.08
3672812.01      311.28568  (21020208)
        464365.08   3672812.01      307.28914  (21020208)                464385.08
3672812.01      305.30004  (21020208)
        464405.08   3672812.01      294.56664  (21020208)                464425.08
3672812.01      286.24431  (21020208)
        464445.08   3672812.01      279.79455  (21020208)                464465.08
3672812.01      275.28894  (21020208)
        464485.08   3672812.01      267.99905  (21020208)                464505.08
3672812.01      256.82434  (21020208)
        464525.08   3672812.01      245.96369  (21020208)                464545.08
3672812.01      235.59719  (21020208)
        464565.08   3672812.01      225.69718  (21020208)                464585.08
```

3672812.01   216.14433 (21020208)
        464605.08   3672812.01   206.89901 (21020208)   464225.08
3672832.01   1535.34620 (20011508)
        464245.08   3672832.01   874.75321 (20011508)   464265.08
3672832.01   601.50659 (21121708)
        464285.08   3672832.01   378.44294 (21121708)   464305.08
3672832.01   323.60868 (21020208)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                 L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                 L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                 L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
        464605.08   3672832.01      213.08602  (21020208)                464205.08
3672852.01     2214.75778  (20011508)
        464225.08   3672852.01     1866.47364  (20011508)                464245.08
3672852.01     1176.11795  (20011508)
        464265.08   3672852.01      687.85012  (21121708)                464285.08
3672852.01      468.82642  (21121708)
        464305.08   3672852.01      375.18207  (19110808)                464325.08
3672852.01      383.66610  (21020208)
        464345.08   3672852.01      377.70898  (21020208)                464365.08
3672852.01      377.73870  (21110208)
        464385.08   3672852.01      359.87533  (21020208)                464405.08
3672852.01      349.62338  (21020208)
        464425.08   3672852.01      340.39849  (21020208)                464445.08
3672852.01      328.45139  (21020208)
        464465.08   3672852.01      312.84372  (21020208)                464485.08
3672852.01      297.16592  (21020208)
        464505.08   3672852.01      282.18417  (21020208)                464525.08
3672852.01      268.04796  (21020208)
        464545.08   3672852.01      254.82449  (21020208)                464565.08
3672852.01      242.39442  (21020208)
        464585.08   3672852.01      230.50917  (21020208)                464605.08
3672852.01      219.17471  (21020208)
        464205.08   3672872.01     2303.67189  (20011508)                464225.08
3672872.01     2177.05750  (20011508)
        464245.08   3672872.01     1544.16295  (20011508)                464265.08
3672872.01      835.77387  (21122108)
        464285.08   3672872.01      646.58008  (21121708)                464305.08
3672872.01      445.09401  (19110808)
        464325.08   3672872.01      432.04221  (21020208)                464345.08
3672872.01      439.78462  (21110208)
        464365.08   3672872.01      438.98641  (21110208)                464385.08
3672872.01      395.96190  (21020208)
        464405.08   3672872.01      387.34020  (21020208)                464425.08
3672872.01      370.32429  (21020208)
        464445.08   3672872.01      354.97733  (19030108)                464465.08
3672872.01      331.49259  (21020208)
        464485.08   3672872.01      313.01718  (21020208)                464505.08
3672872.01      295.70590  (21020208)
        464525.08   3672872.01      279.60302  (21020208)                464545.08
3672872.01      264.66316  (21020208)
        464565.08   3672872.01      250.71676  (21020208)                464585.08
3672872.01      237.43786  (21020208)
        464605.08   3672872.01      224.64685  (21020208)                464185.08
3672892.01     1953.03038  (21010608)
        464205.08   3672892.01     2268.15347  (20011508)                464225.08
3672892.01     2413.78888  (20011508)
        464245.08   3672892.01     1973.91953  (20011508)                464265.08
3672892.01     1339.67277  (20011508)
        464285.08   3672892.01      772.48511  (21121708)                464305.08
3672892.01      538.53680  (19030109)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464185.08	3672912.01	2262.66163	(21010608)	464205.08	3672912.01	2102.26956	(20011508)
464225.08	3672912.01	2539.78656	(20011508)	464425.08	3672912.01	479.32067	(19030108)
464445.08	3672912.01	400.16301	(21020208)	464465.08	3672912.01	351.28362	(21020208)
464485.08	3672912.01	329.53473	(21020208)	464505.08	3672892.01	309.53576	(21020208)
464525.08	3672892.01	291.21732	(21020208)	464545.08	3672892.01	274.40571	(21020208)
464565.08	3672892.01	258.66319	(21020208)	464585.08	3672892.01	243.75087	(21020208)
464605.08	3672892.01	229.01642	(21020208)	464165.08	3672912.01	2204.48089	(21010608)
464325.08	3672892.01	534.57195	(21091508)	464345.08	3672892.01	548.94332	(21110208)
464365.08	3672892.01	500.35992	(21110208)	464385.08	3672892.01	440.97675	(21020208)
464405.08	3672892.01	425.69216	(21020208)	464425.08	3672892.01	431.18972	(19030108)
464445.08	3672892.01	383.46404	(19030108)	464465.08	3672892.01	351.28362	(21020208)
464485.08	3672892.01	329.53473	(21020208)	464505.08	3672892.01	309.53576	(21020208)
464525.08	3672892.01	291.21732	(21020208)	464545.08	3672892.01	274.40571	(21020208)
464565.08	3672892.01	258.66319	(21020208)	464585.08	3672892.01	243.75087	(21020208)
464605.08	3672892.01	229.01642	(21020208)	464165.08	3672912.01	2204.48089	(21010608)

3672912.01 371.94181 (21020208)
464485.08 3672912.01 346.41209 (21020208) 464505.08
3672912.01 323.39779 (21020208)
464525.08 3672912.01 302.49480 (21020208) 464545.08
3672912.01 282.82664 (21020208)
464565.08 3672912.01 262.72290 (21020208) 464585.08
3672912.01 247.00560 (21020208)
464605.08 3672912.01 232.31040 (21020208) 464145.08
3672932.01 1441.70816 (21010608)
464165.08 3672932.01 2002.59279 (21010608) 464185.08
3672932.01 2345.45853 (21010608)
464205.08 3672932.01 2347.35331 (21010608) 464225.08
3672932.01 2706.88645 (20011508)
464425.08 3672932.01 464.96501 (21020208) 464445.08
3672932.01 426.76589 (21020208)
464465.08 3672932.01 392.98198 (21020208) 464485.08
3672932.01 363.21934 (21020208)
464505.08 3672932.01 336.93944 (21020208) 464525.08
3672932.01 313.14931 (21020208)
464545.08 3672932.01 289.27712 (21020208) 464565.08
3672932.01 245.93954 (21020208)
464585.08 3672932.01 246.98226 (21020208) 464605.08
3672932.01 228.76824 (21020208)
464145.08 3672952.01 1847.01925 (19122408) 464165.08
3672952.01 1582.36567 (19122408)
464185.08 3672952.01 2178.27936 (21010608) 464205.08
3672952.01 2483.41504 (21010608)
464225.08 3672952.01 2731.21108 (21010608) 464425.08
3672952.01 500.48225 (21020208)
464445.08 3672952.01 453.66355 (21020208) 464465.08
3672952.01 413.66896 (21020208)
464485.08 3672952.01 379.36116 (21020208) 464505.08
3672952.01 349.68103 (21020208)
464525.08 3672952.01 322.52447 (21020208) 464545.08
3672952.01 290.97698 (21020208)
464565.08 3672952.01 222.26260 (21020208) 464585.08
3672952.01 252.36020 (21020208)
464605.08 3672952.01 186.65520 (21020208) 464125.08
3672972.01 2161.34027 (19122408)
464145.08 3672972.01 2212.73262 (19122408) 464165.08
3672972.01 2143.64728 (19122408)
464185.08 3672972.01 1966.87888 (19122408) 464205.08
3672972.01 2482.92851 (21010608)
464225.08 3672972.01 3160.54966 (21010608) 464425.08
3672972.01 559.03090 (21122216)
464445.08 3672972.01 479.50630 (21020208) 464465.08
3672972.01 432.97321 (21020208)
464485.08 3672972.01 394.09116 (21020208) 464505.08
3672972.01 361.09441 (21020208)
464525.08 3672972.01 331.93736 (21020208) 464545.08

3672972.01   303.97427 (21020208)
        464565.08   3672972.01   281.44985 (21020208)   464585.08
3672972.01   261.44001 (21020208)
        464605.08   3672972.01   206.73628 (21020208)   464125.08
3672992.01   1865.80370 (19122408)
        464145.08   3672992.01   2160.28053 (19122408)   464165.08
3672992.01   2324.92523 (19122408)
        464185.08   3672992.01   2358.27004 (19122408)   464205.08
3672992.01   2847.60790 (19122408)
        464225.08   3672992.01   3353.94797 (21010608)   464425.08
3672992.01   655.65640 (21122116)
        464445.08   3672992.01   563.62049 (21122116)   464465.08
3672992.01   477.25675 (21122116)
        464485.08   3672992.01   406.53231 (21020208)   464505.08
3672992.01   370.50202 (21020208)
        464525.08   3672992.01   339.39469 (21020208)   464545.08
3672992.01   311.73374 (21020208)
        464565.08   3672992.01   287.91197 (21020208)   464585.08
3672992.01   265.63552 (21020208)
        464605.08   3672992.01   221.23842 (21020208)   464125.08
3673012.01   1641.06685 (21120908)
        464145.08   3673012.01   1625.78828 (21120908)   464165.08
3673012.01   2045.07244 (19122408)
        464185.08   3673012.01   2646.70943 (19122408)   464205.08
3673012.01   3226.00579 (19122408)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                 L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                 L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                 L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464225.08	3673012.01	3242.32672	(19122408)	464425.08	3673012.01	844.02102	(21122116)
464445.08	3673012.01	658.76203	(21122116)	464465.08	3673012.01	519.80493	(21122116)
464485.08	3673012.01	415.77783	(21020208)	464505.08	3673012.01	377.16168	(21020208)
464525.08	3673012.01	343.89838	(21020208)	464545.08	3673012.01	314.82882	(21020208)
464565.08	3673012.01	288.92883	(21020208)	464585.08	3673012.01	260.82360	(21020208)
464605.08	3673012.01	202.32966	(21020208)	464105.08	3673032.01	2303.99939	(21120908)
464125.08	3673032.01	2363.71630	(21120908)	464145.08	3673032.01	2424.24765	(21120908)
464165.08	3673032.01	2559.21947	(21120908)	464185.08	3673032.01	3053.34802	(21120908)
464205.08	3673032.01	3331.32938	(21120908)	464225.08	3673032.01	3523.29046	(21120908)
464425.08	3673032.01	775.31039	(21122116)	464445.08	3673032.01	582.57464	(21122116)
464465.08	3673032.01	469.56537	(21020208)	464485.08	3673032.01	421.03530	(21020208)
464505.08	3673032.01	380.82263	(21020208)	464525.08	3673032.01	346.27166	(21020208)
464545.08	3673032.01	315.77239	(21020208)	464565.08	3673032.01	267.36476	(21020208)
464585.08	3673032.01	237.65823	(19012108)	464605.08	3673032.01	220.74645	(19012108)
464085.08	3673052.01	2233.16264	(21120908)	464105.08	3673052.01	2346.20705	(21120908)
464125.08	3673052.01	2468.04810	(21120908)	464145.08	3673052.01	2705.12640	(21120908)
464165.08	3673052.01	3248.89803	(21120908)	464185.08	3673052.01	3463.39832	(21120908)
464205.08	3673052.01	3677.54400	(21120908)	464225.08	3673052.01	3942.99265	(21120908)
464425.08	3673052.01	1053.39488	(21020108)	464445.08	3673052.01	789.73104	(21020108)
464465.08	3673052.01	598.90646	(21020108)	464485.08	3673052.01	462.02803	(21020108)
464505.08	3673052.01	381.14843	(21020208)	464525.08	3673052.01	346.15795	(21020208)
464545.08	3673052.01	314.53915	(21020208)	464565.08	3673052.01	258.06757	(19012108)
464585.08	3673052.01	237.53229	(19012108)	464605.08	3673052.01	219.65479	(19012108)

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        464065.08   3673072.01     1492.82996  (21120908)                464085.08
3673072.01     1560.52385  (21120908)
        464105.08   3673072.01     1637.22949  (21120908)                464125.08
3673072.01     1751.62942  (21120908)
        464145.08   3673072.01     2115.89307  (21120908)                464165.08
3673072.01     2582.91262  (21120908)
        464185.08   3673072.01     2807.55373  (21120908)                464205.08
3673072.01     2951.61151  (21120908)
        464225.08   3673072.01     3258.32338  (21120908)                464425.08
3673072.01     1831.01268  (21020108)
        464445.08   3673072.01     1521.35131  (21020108)                464465.08
3673072.01     1232.27073  (21020108)
        464485.08   3673072.01      983.31249  (21020108)                464505.08
3673072.01      779.11906  (21020108)
        464525.08   3673072.01      615.85335  (21020108)                464545.08
3673072.01      485.34631  (21020108)
        464565.08   3673072.01      270.39849  (21020108)                464585.08
3673072.01      212.80780  (21122808)
        464605.08   3673072.01      198.21793  (19012108)                464065.08
3673092.01      734.62556  (21120908)
        464085.08   3673092.01      738.40007  (21120908)                464105.08
3673092.01      741.28294  (21120908)
        464125.08   3673092.01      805.24334  (21120908)                464145.08
3673092.01      951.24244  (21120908)
        464165.08   3673092.01      990.19086  (21120908)                464185.08
3673092.01     1251.62172  (21012908)
        464205.08   3673092.01     1515.72853  (21012908)                464225.08
3673092.01     1829.63160  (21111609)
        464425.08   3673092.01     2198.52961  (21020108)                464445.08
3673092.01     2038.19405  (21020108)
        464465.08   3673092.01     1826.74050  (21020108)                464485.08
3673092.01     1588.59795  (21020108)
        464505.08   3673092.01     1346.97122  (21020108)                464525.08
3673092.01     1117.28627  (21020108)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***       09:22:45

                                  PAGE 203
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
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L0000141 , L0000142 , L0000143 , L0000144 , L0000145
, L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464545.08	3673092.01	928.20506	(21020108)	464565.08	3673092.01	681.99320	(21020108)
464585.08	3673092.01	508.99695	(21020108)	464605.08	3673092.01	379.80187	(21020108)
464045.08	3673112.01	334.70566	(20010908)	464065.08	3673112.01	382.38711	(20010908)
464085.08	3673112.01	437.00663	(20010908)	464105.08	3673112.01	507.76104	(20010908)
464125.08	3673112.01	760.76289	(21012908)	464145.08	3673112.01	971.26714	(21012908)
464165.08	3673112.01	1132.46190	(21012908)	464185.08	3673112.01	1212.06743	(21012908)
464205.08	3673112.01	1339.62080	(21111609)	464225.08	3673112.01	1646.81576	(21111609)
464245.08	3673112.01	1486.64860	(20012110)	464265.08	3673112.01	3312.18151	(19022808)
464305.08	3673112.01	1771.02456	(21090709)	464325.08	3673112.01	1293.68361	(21080608)
464345.08	3673112.01	1346.67398	(21020108)	464365.08	3673112.01	1665.15219	(21020108)
464385.08	3673112.01	1878.23026	(21020108)	464405.08	3673112.01	2011.21932	(21020108)
464425.08	3673112.01	2082.58010	(21020108)	464445.08	3673112.01	2095.39833	(21020108)
464465.08	3673112.01	2046.95645	(21020108)	464485.08	3673112.01	1939.77736	(21020108)
464505.08	3673112.01	1780.69541	(21020108)	464525.08	3673112.01	1589.52560	(21020108)
464545.08	3673112.01	1546.11307	(21020108)	464565.08	3673112.01	1271.16497	(21020108)
464585.08	3673112.01	1023.24376	(21020108)	464605.08	3673112.01	814.07931	(21020108)
464045.08	3673132.01	367.55153	(20010908)	464065.08	3673132.01	430.81340	(21012908)
464085.08	3673132.01	534.58515	(21012908)	464105.08	3673132.01	698.17425	(21012908)
464125.08	3673132.01	824.67584	(21012908)	464145.08			

3673132.01   899.82748 (21012908)
        464165.08   3673132.01   863.88060 (21012908)   464185.08
3673132.01   971.85706 (21111609)
        464205.08   3673132.01   1066.49170 (21111609)   464225.08
3673132.01   1017.51876 (20012110)
        464245.08   3673132.01   1525.64069 (19022808)   464265.08
3673132.01   2764.37227 (19022808)
        464285.08   3673132.01   1803.06544 (19022808)   464305.08
3673132.01   1358.28922 (19120608)
        464325.08   3673132.01   1098.15274 (21080608)   464345.08
3673132.01   1004.17998 (21121016)
        464365.08   3673132.01   776.49317 (21121016)   464385.08
3673132.01   1018.64496 (21020108)
        464405.08   3673132.01   1297.61289 (21020108)   464425.08
3673132.01   1530.41092 (21020108)
        464445.08   3673132.01   1705.96774 (21020108)   464465.08
3673132.01   1821.49939 (21020108)
        464485.08   3673132.01   1872.47165 (21020108)   464505.08
3673132.01   1854.23360 (21020108)
        464525.08   3673132.01   2010.34683 (21020108)   464545.08
3673132.01   1951.67821 (21020108)
        464565.08   3673132.01   1754.85503 (21020108)   464585.08
3673132.01   1539.07071 (21020108)
        464605.08   3673132.01   1322.79072 (21020108)   464045.08
3673152.01   434.44414 (21012908)
        464065.08   3673152.01   507.51538 (21012908)   464085.08
3673152.01   596.69818 (21012908)
        464105.08   3673152.01   680.81306 (21012908)   464125.08
3673152.01   662.54842 (21012908)
        464145.08   3673152.01   590.39781 (21012908)   464165.08
3673152.01   717.24514 (21111609)
        464185.08   3673152.01   723.26564 (21111609)   464205.08
3673152.01   685.81263 (20012110)
        464225.08   3673152.01   809.72301 (20012110)   464245.08
3673152.01   1598.16293 (19022808)
        464265.08   3673152.01   2131.81558 (19022808)   464285.08
3673152.01   1659.24939 (19120608)
        464305.08   3673152.01   1296.78640 (19120608)   464325.08
3673152.01   808.24640 (21080608)
        464345.08   3673152.01   844.75602 (21121016)   464365.08
3673152.01   741.96798 (21121016)
        464385.08   3673152.01   585.72805 (21020208)   464405.08
3673152.01   609.30549 (21020108)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464425.08	3673152.01	835.41047	(21020108)	464445.08	3673152.01	1067.75310	(21020108)
464465.08	3673152.01	1278.42847	(21020108)	464485.08	3673152.01	1442.80997	(21020108)
464505.08	3673152.01	1599.89350	(21020108)	464525.08	3673152.01	1897.03345	(21020108)
464545.08	3673152.01	1915.98617	(21020108)	464565.08	3673152.01	1881.94847	(21020108)
464585.08	3673152.01	1798.93438	(21020108)	464605.08	3673152.01	1676.45679	(21020108)
464045.08	3673172.01	439.38711	(21012908)	464065.08	3673172.01	503.21868	(21012908)
464085.08	3673172.01	537.23538	(21012908)	464105.08	3673172.01	491.83168	(21012908)
464125.08	3673172.01	475.83798	(21111609)	464145.08	3673172.01	546.13028	(21111609)
464165.08	3673172.01	517.37359	(21111609)	464185.08	3673172.01	501.77767	(21020208)
464205.08	3673172.01	607.79741	(20012110)	464225.08	3673172.01	691.37879	(19022808)
464245.08	3673172.01	1515.23297	(19022808)	464265.08	3673172.01	1610.61362	(19022808)
464285.08	3673172.01	1544.12702	(19120608)	464305.08	3673172.01	1231.17481	(19120608)
464325.08	3673172.01	728.08199	(19120516)	464345.08	3673172.01	653.20048	(21021208)
464365.08	3673172.01	665.36988	(21021208)	464385.08	3673172.01	564.64780	(21021208)

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        464405.08   3673172.01      487.80033  (21020208)                464425.08
3673172.01      449.25700  (21020208)
        464445.08   3673172.01      530.74162  (21020108)                464465.08
3673172.01      709.69236  (21020108)
        464485.08   3673172.01      864.26864  (21020108)                464505.08
3673172.01     1116.70539  (21020108)
        464525.08   3673172.01     1327.97738  (21020108)                464545.08
3673172.01     1483.56224  (21020108)
        464565.08   3673172.01     1611.43869  (21020108)                464585.08
3673172.01     1685.81053  (21020108)
        464605.08   3673172.01     1704.74565  (21020108)                464045.08
3673192.01      402.94784  (21012908)
        464065.08   3673192.01      405.63860  (21012908)                464085.08
3673192.01      364.85958  (21012908)
        464105.08   3673192.01      397.20814  (21111609)                464125.08
3673192.01      429.08736  (21111609)
        464145.08   3673192.01      389.50320  (21111609)                464165.08
3673192.01      416.19638  (21020208)
        464185.08   3673192.01      456.78662  (21020208)                464205.08
3673192.01      498.77366  (21020208)
        464225.08   3673192.01      802.63450  (19022808)                464245.08
3673192.01     1357.16954  (19022808)
        464265.08   3673192.01     1214.55511  (19022808)                464285.08
3673192.01     1430.32728  (19120608)
        464305.08   3673192.01     1171.01554  (19120608)                464325.08
3673192.01      687.39533  (19120516)
        464345.08   3673192.01      539.77295  (21020208)                464365.08
3673192.01      591.90057  (21021208)
        464385.08   3673192.01      562.39234  (21021208)                464405.08
3673192.01      460.80302  (21021208)
        464425.08   3673192.01      417.15522  (21020208)                464445.08
3673192.01      387.73518  (21020208)
        464465.08   3673192.01      358.32596  (21020208)                464485.08
3673192.01      348.37284  (21020108)
        464505.08   3673192.01      514.48398  (21020108)                464525.08
3673192.01      711.48668  (21020108)
        464545.08   3673192.01      911.91819  (21020108)                464565.08
3673192.01     1115.51290  (21020108)
        464585.08   3673192.01     1280.74416  (21020108)                464605.08
3673192.01     1414.63360  (21020108)
        464045.08   3673212.01      308.70026  (21012908)                464065.08
3673212.01      286.74577  (21111609)
        464085.08   3673212.01      333.73534  (21111609)                464105.08
3673212.01      343.86419  (21111609)
        464125.08   3673212.01      334.47039  (21020208)                464145.08
3673212.01      357.43438  (21020208)
        464165.08   3673212.01      386.76167  (21020208)                464185.08
3673212.01      422.53631  (21020208)
        464205.08   3673212.01      453.07115  (21020208)                464225.08
3673212.01      848.21759  (19022808)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464285.08	3673212.01	1320.92588	(19120608)	464305.08	3673212.01	1109.62596	(19120608)
464325.08	3673212.01	643.81034	(19120516)	464345.08	3673212.01	480.66710	(21020208)
464365.08	3673212.01	494.28864	(21021208)	464385.08	3673212.01	521.21411	(21021208)
464405.08	3673212.01	472.08284	(21021208)	464425.08	3673212.01	387.32990	(21020208)
464445.08	3673212.01	362.68014	(21020208)	464465.08	3673212.01	337.14691	(21020208)
464485.08	3673212.01	216.98325	(19022809)	464505.08	3673212.01	201.95107	(19022809)
464525.08	3673212.01	297.26382	(21020108)	464545.08	3673212.01	430.29645	(21020108)
464565.08	3673212.01	595.67363	(21020108)	464585.08	3673212.01	761.91419	(21020108)
464605.08	3673212.01	931.11800	(21020108)	464045.08	3673232.01	253.71300	(21111609)
464065.08	3673232.01	282.11964	(21111609)	464085.08			

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3673232.01      280.55936  (21111609)
        464105.08   3673232.01      296.94922  (21020208)                464125.08
3673232.01      311.98880  (21020208)
        464145.08   3673232.01      331.80920  (21020208)                464165.08
3673232.01      360.26436  (21020208)
        464185.08   3673232.01      393.03484  (21020208)                464205.08
3673232.01      444.55658  (19022808)
        464225.08   3673232.01      840.59141  (19022808)                464245.08
3673232.01      984.91538  (19022808)
        464265.08   3673232.01      695.54169  (19022808)                464285.08
3673232.01     1218.39256  (19120608)
        464305.08   3673232.01     1048.25578  (19120608)                464325.08
3673232.01      596.69015  (19120516)
        464345.08   3673232.01      432.46178  (21020208)                464365.08
3673232.01      416.93299  (21020208)
        464385.08   3673232.01      456.86426  (21021208)                464405.08
3673232.01      452.78196  (21021208)
        464425.08   3673232.01      395.53307  (21021208)                464445.08
3673232.01      338.91789  (21020208)
        464465.08   3673232.01      316.36065  (21020208)                464485.08
3673232.01      198.07394  (21020208)
        464505.08   3673232.01      194.75570  (19022809)                464525.08
3673232.01      185.50671  (19022809)
        464545.08   3673232.01      170.70778  (19022809)                464565.08
3673232.01      251.67410  (21020108)
        464585.08   3673232.01      356.32255  (21020108)                464605.08
3673232.01      485.69282  (21020108)
        464045.08   3673252.01      240.51172  (21111609)                464065.08
3673252.01      249.20673  (21020208)
        464085.08   3673252.01      264.85791  (21020208)                464105.08
3673252.01      278.34494  (21020208)
        464125.08   3673252.01      297.87109  (21020208)                464145.08
3673252.01      318.85011  (21020208)
        464165.08   3673252.01      342.19321  (21020208)                464185.08
3673252.01      362.89257  (21020208)
        464205.08   3673252.01      501.89061  (19022808)                464225.08
3673252.01      798.82633  (19022808)
        464245.08   3673252.01      816.98208  (19022808)                464265.08
3673252.01      610.58642  (19120608)
        464285.08   3673252.01     1122.80431  (19120608)                464305.08
3673252.01      991.28179  (19120608)
        464325.08   3673252.01      546.02161  (19120516)                464345.08
3673252.01      392.60527  (21020208)
        464365.08   3673252.01      380.77787  (21020208)                464385.08
3673252.01      384.44623  (21021208)
        464405.08   3673252.01      409.66425  (21021208)                464425.08
3673252.01      386.68005  (21021208)
        464445.08   3673252.01      329.68117  (21021208)                464465.08
3673252.01      257.32351  (21021208)
        464485.08   3673252.01      187.40650  (21020208)                464505.08
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3673252.01   176.54495 (19022809)
        464525.08   3673252.01   177.98940 (19022809)   464545.08
3673252.01   172.56707 (19022809)
        464565.08   3673252.01   161.76631 (19022809)   464585.08
3673252.01   147.56823 (19022809)
        464605.08   3673252.01   205.28151 (21020108)   464045.08
3673272.01   235.13405 (21020208)
        464065.08   3673272.01   244.37035 (21020208)   464085.08
3673272.01   254.45331 (21020208)
        464105.08   3673272.01   265.10203 (21020208)   464125.08
3673272.01   283.02134 (21020208)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                 L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                 L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                 L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        464145.08   3673272.01   304.99701 (21020208)   464165.08
3673272.01   323.11177 (21020208)
        464185.08   3673272.01   336.16271 (21020208)   464205.08
3673272.01   533.35904 (19022808)
        464225.08   3673272.01   734.26937 (19022808)   464245.08
3673272.01   672.02827 (19022808)
        464265.08   3673272.01   580.73998 (19120608)   464285.08
3673272.01   1035.46254 (19120608)
        464305.08   3673272.01   935.58730 (19120608)   464325.08
3673272.01   490.77466 (19120516)

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        464345.08   3673272.01      380.72423  (19120516)               464365.08
3673272.01      349.83494  (21020208)
        464385.08   3673272.01      338.15494  (21020208)               464405.08
3673272.01      356.67002  (21021208)
        464425.08   3673272.01      361.46333  (21021208)               464445.08
3673272.01      333.11932  (21021208)
        464465.08   3673272.01      286.78413  (21021208)               464485.08
3673272.01      214.80856  (21021208)
        464505.08   3673272.01      164.75596  (21020208)               464525.08
3673272.01      161.53461  (19022809)
        464545.08   3673272.01      164.74501  (19022809)               464565.08
3673272.01      161.96948  (19022809)
        464585.08   3673272.01      154.29443  (19022809)               464605.08
3673272.01      143.05754  (19022809)
        464045.08   3673292.01      226.80516  (21020208)               464065.08
3673292.01      236.43277  (21020208)
        464085.08   3673292.01      246.87309  (21020208)               464105.08
3673292.01      258.10616  (21020208)
        464125.08   3673292.01      267.45742  (21020208)               464145.08
3673292.01      289.50977  (21020208)
        464165.08   3673292.01      302.64444  (21020208)               464185.08
3673292.01      314.49886  (19022808)
        464205.08   3673292.01      543.10405  (19022808)               464225.08
3673292.01      658.27180  (19022808)
        464245.08   3673292.01      550.55116  (19022808)               464265.08
3673292.01      552.30444  (19120608)
        464285.08   3673292.01      955.81639  (19120608)               464305.08
3673292.01      881.34347  (19120608)
        464325.08   3673292.01      477.32916  (19120608)               464345.08
3673292.01      370.17116  (19120516)
        464365.08   3673292.01      323.02356  (21020208)               464385.08
3673292.01      309.52759  (21020208)
        464405.08   3673292.01      302.13913  (21021208)               464425.08
3673292.01      326.53561  (21021208)
        464445.08   3673292.01      340.64456  (21021208)               464465.08
3673292.01      301.19205  (21021208)
        464485.08   3673292.01      243.57816  (21021208)               464505.08
3673292.01      181.83614  (21021208)
        464525.08   3673292.01      147.44813  (21020208)               464545.08
3673292.01      149.66755  (19022809)
        464565.08   3673292.01      154.07666  (19022809)               464585.08
3673292.01      152.98750  (19022809)
        464605.08   3673292.01      147.57961  (19022809)               464545.08
3672412.01       88.06821  (21020208)
        464595.08   3672412.01       94.50369  (21020208)               464645.08
3672412.01       97.80679  (21020208)
        464695.08   3672412.01       95.49811  (21020208)               464745.08
3672412.01       97.28423  (21020208)
        464795.08   3672412.01       97.69135  (21020208)               464845.08
3672412.01       94.11006  (21020208)
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        464895.08   3672412.01       90.20244  (21020208)                464495.08
3672462.01       97.57772  (21020208)
        464545.08   3672462.01       96.52340  (21020208)                464595.08
3672462.01      107.78835  (21020208)
        464645.08   3672462.01      106.90101  (21020208)                464695.08
3672462.01      106.97572  (21020208)
        464745.08   3672462.01      108.05997  (21020208)                464795.08
3672462.01      102.99532  (21020208)
        464845.08   3672462.01       98.52032  (21020208)                464895.08
3672462.01       93.67038  (21020208)
        464495.08   3672512.01      106.29885  (21020208)                464545.08
3672512.01      119.47139  (21020208)
        464595.08   3672512.01      118.44313  (21020208)                464645.08
3672512.01      117.88200  (21020208)
        464695.08   3672512.01      118.90659  (21020208)                464745.08
3672512.01      113.96404  (21020208)
        464795.08   3672512.01      108.42864  (21020208)                464845.08
3672512.01      102.76467  (21020208)
        464895.08   3672512.01       96.86014  (21020208)                464445.08
3672562.01      119.47078  (21020208)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 207
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE1   ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        464495.08   3672562.01      133.38848  (21020208)                464545.08
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3672562.01      131.03890  (21020208)
        464595.08   3672562.01      130.34924  (21020208)              464645.08
3672562.01      133.18328  (21020208)
        464695.08   3672562.01      127.60947  (21020208)              464745.08
3672562.01      120.15946  (21020208)
        464795.08   3672562.01      113.40776  (21020208)              464845.08
3672562.01      106.06657  (21020208)
        464895.08   3672562.01       99.37378  (21020208)              464395.08
3672612.01      136.20993  (21020208)
        464445.08   3672612.01      134.63775  (21020208)              464495.08
3672612.01      153.21454  (21020208)
        464545.08   3672612.01      147.18030  (21020208)              464595.08
3672612.01      146.82613  (21020208)
        464645.08   3672612.01      144.20140  (21020208)              464695.08
3672612.01      135.29256  (21020208)
        464745.08   3672612.01      126.61558  (21020208)              464795.08
3672612.01      117.81052  (21020208)
        464845.08   3672612.01      102.83746  (21020208)              464895.08
3672612.01       79.37238  (21110510)
        464345.08   3672662.01      156.91885  (21020208)              464395.08
3672662.01      155.56609  (21020208)
        464445.08   3672662.01      179.53892  (21020208)              464495.08
3672662.01      171.56770  (21020208)
        464545.08   3672662.01      166.93663  (21020208)              464595.08
3672662.01      165.43678  (21020208)
        464645.08   3672662.01      154.50124  (21020208)              464695.08
3672662.01      143.82945  (21020208)
        464745.08   3672662.01      133.44765  (21020208)              464795.08
3672662.01      120.17661  (21020208)
        464845.08   3672662.01       92.02326  (21110510)              464895.08
3672662.01       98.00627  (21110510)
        464645.08   3672712.01      165.36787  (21020208)              464695.08
3672712.01      152.53291  (21020208)
        464745.08   3672712.01      139.00430  (21020208)              464795.08
3672712.01      106.58021  (21110510)
        464845.08   3672712.01      109.25315  (21110510)              464895.08
3672712.01      104.96241  (21110510)
        464645.08   3672762.01      177.57006  (21020208)              464695.08
3672762.01      158.55768  (21020208)
        464745.08   3672762.01      122.73651  (21110510)              464795.08
3672762.01      119.62211  (21110510)
        464845.08   3672762.01      109.16539  (21110510)              464895.08
3672762.01       95.19873  (21110510)
        464645.08   3672812.01      187.54487  (21020208)              464695.08
3672812.01      138.66854  (21110510)
        464745.08   3672812.01      126.83057  (21110510)              464795.08
3672812.01      108.68501  (21110510)
        464845.08   3672812.01       89.26268  (21110510)              464895.08
3672812.01       71.33221  (21110510)
        464645.08   3672862.01      193.54346  (21020208)              464695.08
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3672862.01   127.21433 (21110510)
        464745.08   3672862.01   100.82116 (21110510)   464795.08
3672862.01   81.47407 (21020208)
        464845.08   3672862.01   72.52239 (21020208)   464895.08
3672862.01   61.32584 (21020208)
        464645.08   3672912.01   141.16664 (21020208)   464695.08
3672912.01   108.89276 (21020208)
        464745.08   3672912.01   94.34419 (21020208)   464795.08
3672912.01   84.36713 (21020208)
        464845.08   3672912.01   72.99537 (21020208)   464895.08
3672912.01   68.95657 (21110509)
        464645.08   3672962.01   137.52636 (21020208)   464695.08
3672962.01   111.35109 (21020208)
        464745.08   3672962.01   97.78199 (21110509)   464795.08
3672962.01   94.26698 (21110509)
        464845.08   3672962.01   91.06299 (21110509)   464895.08
3672962.01   87.71970 (21110509)
        464645.08   3673012.01   174.46865 (19012108)   464695.08
3673012.01   153.09823 (19012108)
        464745.08   3673012.01   136.34492 (19012108)   464795.08
3673012.01   121.26585 (19012108)
        464845.08   3673012.01   107.21584 (19012108)   464895.08
3673012.01   97.09288 (19012108)
        464645.08   3673062.01   185.63180 (19012108)   464695.08
3673062.01   160.20798 (19012108)
        464745.08   3673062.01   140.63675 (19012108)   464795.08
3673062.01   122.48257 (19012108)
        464845.08   3673062.01   108.33824 (19012108)   464895.08
3673062.01   97.34853 (19012108)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464645.08	3673112.01	503.20029	(21020108)	464695.08	3673112.01	269.93359	(21020108)
464745.08	3673112.01	133.50898	(21020108)	464795.08	3673112.01	105.64431	(20122808)
464845.08	3673112.01	96.24738	(20122808)	464895.08	3673112.01	87.80436	(20122808)
464645.08	3673162.01	1516.84951	(21020108)	464695.08	3673162.01	1090.04074	(21020108)
464745.08	3673162.01	669.23679	(21020108)	464795.08	3673162.01	380.94290	(21020108)
464845.08	3673162.01	216.69538	(21020108)	464895.08	3673162.01	111.88817	(21020108)
463995.08	3673212.01	318.73543	(21012908)	464645.08	3673212.01	1218.53445	(21020108)
464695.08	3673212.01	1258.18438	(21020108)	464745.08	3673212.01	1099.69198	(21020108)
464795.08	3673212.01	825.81246	(21020108)	464845.08	3673212.01	588.77163	(21020108)
464895.08	3673212.01	378.63830	(21020108)	463945.08	3673262.01	203.90997	(21012908)
463995.08	3673262.01	182.72746	(21111609)	464645.08	3673262.01	263.63145	(21020108)
464695.08	3673262.01	480.89211	(21020108)	464745.08	3673262.01	659.08693	(21020108)
464795.08	3673262.01	725.60403	(21020108)	464845.08	3673262.01	668.24759	(21020108)
464895.08	3673262.01	499.66748	(21020108)	463895.08	3673312.01	129.14474	(21020208)
463945.08	3673312.01	146.10037	(21111609)	463995.08	3673312.01	189.32695	(21020208)
464045.08	3673312.01	218.94232	(21020208)	464095.08	3673312.01	243.61924	(21020208)
464145.08	3673312.01	274.91383	(21020208)	464195.08	3673312.01	449.34740	(19022808)
464245.08	3673312.01	453.06058	(19022808)	464295.08	3673312.01	917.12249	(19120608)
464345.08	3673312.01	354.20356	(19120516)	464395.08	3673312.01	283.96498	(21020208)
464445.08	3673312.01	318.32108	(21021208)	464495.08	3673312.01	234.25663	(21021208)
464545.08	3673312.01	130.39010	(21020208)	464595.08	3673312.01	145.83827	(19022809)

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        464645.08   3673312.01      134.78413  (19022809)                464695.08
3673312.01      108.37580  (19022809)
        464745.08   3673312.01      154.50901  (21020108)                464795.08
3673312.01      261.54778  (21020108)
        464845.08   3673312.01      306.17511  (21020108)                464895.08
3673312.01      314.25071  (21020108)
        463895.08   3673362.01      121.44951  (21020208)                463945.08
3673362.01      169.47569  (21020208)
        463995.08   3673362.01      188.02091  (21020208)                464045.08
3673362.01      203.62044  (21020208)
        464095.08   3673362.01      221.35928  (21020208)                464145.08
3673362.01      238.77384  (21020208)
        464195.08   3673362.01      439.41101  (19022808)                464245.08
3673362.01      282.07288  (19022808)
        464295.08   3673362.01      771.68991  (19120608)                464345.08
3673362.01      296.91178  (19120516)
        464395.08   3673362.01      166.27650  (21020208)                464445.08
3673362.01      233.68286  (21021208)
        464495.08   3673362.01      248.09142  (21021208)                464545.08
3673362.01      164.69591  (21021208)
        464595.08   3673362.01      113.15286  (19022809)                464645.08
3673362.01      129.29586  (19022809)
        464695.08   3673362.01      125.08484  (19022809)                464745.08
3673362.01      106.72372  (19022809)
        464795.08   3673362.01       83.14858  (19022809)                464845.08
3673362.01       65.70347  (21020108)
        464895.08   3673362.01       73.16809  (21020108)                463845.08
3673412.01      106.15344  (21020208)
        463895.08   3673412.01      114.54340  (21020208)                463945.08
3673412.01      163.00261  (21020208)
        463995.08   3673412.01      171.63446  (21020208)                464045.08
3673412.01      186.40507  (21020208)
        464095.08   3673412.01      198.77868  (21020208)                464145.08
3673412.01      210.17354  (21020208)
        464195.08   3673412.01      391.44279  (19022808)                464245.08
3673412.01      224.45027  (21020208)
        464295.08   3673412.01      655.48163  (19120608)                464345.08
3673412.01      231.13585  (19120516)
♠ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 209
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE1   ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
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                 L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                 L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                 L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        464395.08   3673412.01      139.59649  (21020208)               464445.08
3673412.01      148.24337  (21021208)
        464495.08   3673412.01      214.90798  (21021208)               464545.08
3673412.01      191.71304  (21021208)
        464595.08   3673412.01      114.03611  (21021208)               464645.08
3673412.01      100.59747  (19022809)
        464695.08   3673412.01      116.01204  (19022809)               464745.08
3673412.01      115.83829  (19022809)
        464795.08   3673412.01      103.59062  (19022809)               464845.08
3673412.01       84.97094  (19022809)
        464895.08   3673412.01       65.17679  (19022809)               463795.08
3673462.01       94.14030  (21020208)
        463845.08   3673462.01      100.22520  (21020208)               463895.08
3673462.01      142.23500  (21020208)
        463945.08   3673462.01      151.29062  (21020208)               463995.08
3673462.01      159.15104  (21020208)
        464045.08   3673462.01      159.98968  (21020208)               464095.08
3673462.01      179.23109  (21020208)
        464145.08   3673462.01      255.06825  (19022808)               464195.08
3673462.01      327.22305  (19022808)
        464245.08   3673462.01      196.25888  (21020208)               464295.08
3673462.01      559.47305  (19120608)
        464345.08   3673462.01      179.35452  (19120608)               464395.08
3673462.01      119.39512  (21020208)
        464445.08   3673462.01      105.56703  (21020208)               464495.08
3673462.01      159.77042  (21021208)
        464545.08   3673462.01      183.44851  (21021208)               464595.08
3673462.01      142.94089  (21021208)
        464645.08   3673462.01       80.80911  (21021208)               464695.08
3673462.01       90.58386  (19022809)
        464745.08   3673462.01      105.13644  (19022809)               464795.08
3673462.01      107.64485  (19022809)
        464845.08   3673462.01       99.71688  (19022809)               464895.08
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3673462.01       85.15030  (19022809)
        463795.08   3673512.01       89.34917  (21020208)                463845.08
3673512.01      115.85505  (21020208)
        463895.08   3673512.01      131.87973  (21020208)                463945.08
3673512.01      140.49529  (21020208)
        463995.08   3673512.01      133.07318  (21020208)                464045.08
3673512.01      155.65635  (21020208)
        464095.08   3673512.01      162.53791  (21020208)                464145.08
3673512.01      282.47892  (19022808)
        464195.08   3673512.01      263.25709  (19022808)                464245.08
3673512.01      173.73684  (21020208)
        464295.08   3673512.01      512.35018  (19120608)                464345.08
3673512.01      184.24848  (19120608)
        464395.08   3673512.01      121.26988  (19120516)                464445.08
3673512.01       90.04117  (21020208)
        464495.08   3673512.01      107.48360  (21021208)                464545.08
3673512.01      151.78068  (21021208)
        464595.08   3673512.01      149.46428  (21021208)                464645.08
3673512.01      108.26939  (21021208)
        464695.08   3673512.01       73.62576  (21010610)                464745.08
3673512.01       82.46582  (19022809)
        464795.08   3673512.01       96.12723  (19022809)                464845.08
3673512.01      100.19880  (19022809)
        464895.08   3673512.01       95.26811  (19022809)                463745.08
3673562.01       80.50623  (21020208)
        463795.08   3673562.01       84.81721  (21020208)                463845.08
3673562.01       97.11487  (21020208)
        463895.08   3673562.01      124.95557  (21020208)                463945.08
3673562.01      108.92555  (21020208)
        463995.08   3673562.01      123.09836  (21020208)                464045.08
3673562.01      143.11164  (21020208)
        464095.08   3673562.01      153.67329  (19022808)                464145.08
3673562.01      285.47892  (19022808)
        464195.08   3673562.01      205.07651  (19022808)                464245.08
3673562.01      164.49161  (19120608)
        464295.08   3673562.01      457.03368  (19120608)                464345.08
3673562.01      187.44519  (19120608)
        464395.08   3673562.01      117.42478  (19120516)                464445.08
3673562.01       74.19116  (21020208)
        464495.08   3673562.01       68.85795  (21020208)                464545.08
3673562.01      115.21910  (21021208)
        464595.08   3673562.01      138.75201  (21021208)                464645.08
3673562.01      121.20639  (21021208)
        464695.08   3673562.01       79.20394  (21021208)                464745.08
3673562.01       68.64222  (21010610)
        464795.08   3673562.01       75.67055  (19022809)                464845.08
3673562.01       88.43279  (19022809)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464895.08	3673562.01	93.43937	(19022809)	463745.08	3673612.01	76.70182	(21020208)
463795.08	3673612.01	80.67594	(21020208)	463845.08	3673612.01	85.43288	(21020208)
463895.08	3673612.01	88.72787	(21020208)	463945.08	3673612.01	95.67579	(21020208)
463995.08	3673612.01	126.26191	(21020208)	464045.08	3673612.01	131.96628	(21020208)
464095.08	3673612.01	192.11188	(19022808)	464145.08	3673612.01	269.38344	(19022808)
464195.08	3673612.01	156.79982	(19022808)	464245.08	3673612.01	144.11107	(19120608)
464295.08	3673612.01	408.66723	(19120608)	464345.08	3673612.01	188.42341	(19120608)
464395.08	3673612.01	106.55495	(19120516)	464445.08	3673612.01	62.11996	(21020208)
464495.08	3673612.01	54.37787	(21020208)	464545.08	3673612.01	80.34926	(21021208)
464595.08	3673612.01	114.28355	(21021208)	464645.08	3673612.01	118.94338	(21021208)
464695.08	3673612.01	93.05187	(21021208)	464745.08	3673612.01	63.43139	(21010610)
464795.08	3673612.01	64.41251	(21010610)	464845.08	3673612.01	69.90517	(19022809)

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        464895.08   3673612.01       81.70264  (19022809)               464945.08
3671912.01       44.11063  (21020208)
        465045.08   3671912.01       44.84377  (21020208)               465145.08
3671912.01       50.57648  (21020208)
        465245.08   3671912.01       49.97977  (21020208)               465345.08
3671912.01       45.76266  (21020208)
        465445.08   3671912.01       39.28852  (21020208)               464845.08
3672012.01       49.38425  (21020208)
        464945.08   3672012.01       50.70011  (21020208)               465045.08
3672012.01       53.62378  (21020208)
        465145.08   3672012.01       56.26201  (21020208)               465245.08
3672012.01       52.39360  (21020208)
        465345.08   3672012.01       33.44963  (19030108)               465445.08
3672012.01       28.73928  (21102809)
        464745.08   3672112.01       56.40962  (21020208)               464845.08
3672112.01       59.50714  (21020208)
        464945.08   3672112.01       59.24734  (21020208)               465045.08
3672112.01       62.05330  (21020208)
        465145.08   3672112.01       60.23962  (21020208)               465245.08
3672112.01       47.47431  (21020208)
        465345.08   3672112.01       32.21959  (21020208)               465445.08
3672112.01       26.63455  (21110510)
        464745.08   3672212.01       68.45079  (21020208)               464845.08
3672212.01       67.57808  (21020208)
        464945.08   3672212.01       70.19320  (21020208)               465045.08
3672212.01       68.91412  (21020208)
        465145.08   3672212.01       63.37571  (21020208)               465245.08
3672212.01       39.39471  (21020208)
        465345.08   3672212.01       33.27751  (21110510)               465445.08
3672212.01       44.28941  (21110510)
        464645.08   3672312.01       73.29280  (21020208)               464745.08
3672312.01       81.39265  (21020208)
        464845.08   3672312.01       84.69489  (21020208)               464945.08
3672312.01       79.78857  (21020208)
        465045.08   3672312.01       73.57540  (21020208)               465145.08
3672312.01       65.26576  (21020208)
        465245.08   3672312.01       41.96242  (21110510)               465345.08
3672312.01       53.80128  (21110510)
        465445.08   3672312.01       60.83936  (21110510)               464945.08
3672412.01       86.04404  (21020208)
        465045.08   3672412.01       76.70046  (21020208)               465145.08
3672412.01       53.29491  (21110510)
        465245.08   3672412.01       65.05305  (21110510)               465345.08
3672412.01       69.23675  (21110510)
        465445.08   3672412.01       66.29353  (21110510)               464945.08
3672512.01       91.03523  (21020208)
        465045.08   3672512.01       68.10921  (21110510)               465145.08
3672512.01       77.35115  (21110510)
        465245.08   3672512.01       75.90139  (21110510)               465345.08
3672512.01       66.96497  (21110510)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465445.08	3672612.01	39.35635	(20100508)	464945.08	3672712.01	96.18356	(21110510)
465045.08	3672712.01	72.92376	(21110510)	465145.08	3672712.01	52.61524	(20100508)
465245.08	3672712.01	41.46585	(20100508)	465345.08	3672712.01	37.14730	(21082608)
465445.08	3672712.01	35.04921	(21082608)	464945.08	3672812.01	60.45251	(20100508)
465045.08	3672812.01	47.36065	(21082608)	465145.08	3672812.01	42.87320	(21082608)
465245.08	3672812.01	40.39769	(21110509)	465345.08	3672812.01	42.50325	(21110509)
465445.08	3672812.01	43.55878	(21110509)	464945.08	3672912.01	68.89130	(21110509)
465045.08	3672912.01	67.81983	(21110509)	465145.08			

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3672912.01       66.06680  (21110509)
        465245.08   3672912.01       64.16035  (21110509)                465345.08
3672912.01       61.79474  (21110509)
        465445.08   3672912.01       58.52651  (21110509)                464945.08
3673012.01       88.26681  (19012108)
        465045.08   3673012.01       78.22492  (21110509)                465145.08
3673012.01       71.77334  (21110509)
        465245.08   3673012.01       66.05918  (21110509)                465345.08
3673012.01       60.78143  (21110509)
        465445.08   3673012.01       56.18983  (21110509)                464945.08
3673112.01       78.03496  (20122808)
        465045.08   3673112.01       63.62766  (20122808)                465145.08
3673112.01       54.65476  (21123110)
        465245.08   3673112.01       51.49873  (21123110)                465345.08
3673112.01       48.66337  (21123110)
        465445.08   3673112.01       46.09856  (21123110)                464945.08
3673212.01      191.42826  (21020108)
        465045.08   3673212.01       57.16663  (21092208)                465145.08
3673212.01       43.66567  (21092208)
        465245.08   3673212.01       34.55211  (19040909)                465345.08
3673212.01       34.80815  (19040909)
        465445.08   3673212.01       34.42541  (19040909)                464945.08
3673312.01      171.95426  (21020108)
        465045.08   3673312.01       78.39242  (21020108)                465145.08
3673312.01       82.67807  (21020108)
        465245.08   3673312.01       58.89960  (21092208)                465345.08
3673312.01       50.81671  (21092208)
        465445.08   3673312.01       42.56527  (21092208)                464945.08
3673412.01       47.59229  (19022809)
        465045.08   3673412.01       50.15247  (21020108)                465145.08
3673412.01      115.24986  (21020108)
        465245.08   3673412.01      130.95270  (21020108)                465345.08
3673412.01       81.77620  (21020108)
        465445.08   3673412.01       52.67522  (21092208)                464945.08
3673512.01       84.06401  (19022809)
        465045.08   3673512.01       55.49250  (19022809)                465145.08
3673512.01       34.71624  (21080308)
        465245.08   3673512.01       32.80979  (21080308)                465345.08
3673512.01       30.97271  (21092208)
        465445.08   3673512.01       47.07127  (21020108)                463645.08
3673612.01       69.80831  (21020208)
        464945.08   3673612.01       87.17180  (19022809)                465045.08
3673612.01       79.81935  (19022809)
        465145.08   3673612.01       59.36189  (19022809)                465245.08
3673612.01       38.15069  (19022809)
        465345.08   3673612.01       30.19079  (21080308)                465445.08
3673612.01       28.67945  (21080308)
        463645.08   3673712.01       64.27650  (21020208)                463745.08
3673712.01       70.43005  (21020208)
        463845.08   3673712.01       76.40236  (21020208)                463945.08
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3673712.01   107.21960 (21020208)
        464045.08   3673712.01   126.71201 (19022808)   464145.08
3673712.01   208.01679 (19022808)
        464245.08   3673712.01   130.12782 (19120608)   464345.08
3673712.01   183.66929 (19120608)
        464445.08   3673712.01   54.48898 (19120516)   464545.08
3673712.01   46.58282 (19040908)
        464645.08   3673712.01   84.51530 (21021208)   464745.08
3673712.01   73.74814 (21021208)
        464845.08   3673712.01   57.23285 (21010610)   465145.08
3673712.01   74.83842 (19022809)
        465245.08   3673712.01   60.66684 (19022809)   465345.08
3673712.01   42.75047 (19022809)
        465445.08   3673712.01   28.03296 (20091809)   463745.08
3673812.01   63.43561 (21020208)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        464445.08   3673812.01       54.58674  (19120516)               464545.08
3673812.01       29.41734  (20050808)
        464645.08   3673812.01       57.95126  (19040908)               464745.08
3673812.01       77.87987  (21021208)
        465145.08   3673812.01       67.96786  (19022809)               465245.08
3673812.01       69.62481  (19022809)
        465345.08   3673812.01       60.19854  (19022809)               465445.08
3673812.01       45.71631  (19022809)
        463945.08   3673912.01       64.00254  (21020208)               464045.08
3673912.01      195.90886  (19022808)
        464145.08   3673912.01       93.69836  (19022808)               464545.08
3673912.01       22.79371  (20050808)
        464645.08   3673912.01       40.85348  (19040908)               464745.08
3673912.01       61.81435  (19040908)
        465145.08   3673912.01       47.60917  (19022809)               465245.08
3673912.01       60.99241  (19022809)
        465345.08   3673912.01       64.63284  (19022809)               465445.08
3673912.01       58.75722  (19022809)
        463445.08   3674012.01       44.92809  (21020208)               463545.08
3674012.01       47.54129  (21020208)
        463645.08   3674012.01       50.21927  (21020208)               464145.08
3674012.01       76.96095  (21020208)
        464545.08   3674012.01       18.49844  (21120110)               464645.08
3674012.01       27.41508  (19040908)
        465145.08   3674012.01       43.92045  (21010610)               465245.08
3674012.01       42.95250  (19022809)
        465345.08   3674012.01       55.19759  (19022809)               465445.08
3674012.01       59.89926  (19022809)
        463345.08   3674112.01       39.93002  (21020208)               463445.08
3674112.01       42.06070  (21020208)
        463545.08   3674112.01       44.25536  (21020208)               463645.08
3674112.01       46.44443  (21020208)
        463745.08   3674112.01       48.57204  (21020208)               463845.08
3674112.01       50.55345  (21020208)
        464145.08   3674112.01       54.72021  (21020208)               464545.08
3674112.01       19.01392  (21092808)
        465145.08   3674112.01       39.21680  (21010610)               465245.08
3674112.01       40.87954  (21010610)
        465345.08   3674112.01       39.07192  (19022809)               465445.08
3674112.01       50.22018  (19022809)
        465645.08   3670912.01       20.22471  (21020208)               465845.08
3670912.01       23.31744  (21020208)
        466045.08   3670912.01       23.40514  (21020208)               466245.08
3670912.01       25.93827  (19030108)
        466445.08   3670912.01       21.21377  (21020208)               465645.08
3671112.01       22.59214  (21020209)
        465845.08   3671112.01       22.74636  (21020209)               466045.08
3671112.01       28.16546  (19030108)
        466245.08   3671112.01       24.00475  (21020208)               466445.08
3671112.01       22.25685  (21020208)
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        465445.08   3671312.01       25.87295  (21020208)                465645.08
3671312.01       27.00635  (21020208)
        465845.08   3671312.01       29.00829  (19030108)                466045.08
3671312.01       27.55663  (21020208)
        466245.08   3671312.01       25.34232  (21020208)                466445.08
3671312.01       17.39469  (21020208)
        465245.08   3671512.01       33.96634  (21020208)                465445.08
3671512.01       34.42405  (21020208)
        465645.08   3671512.01       32.76392  (19030108)                465845.08
3671512.01       24.15133  (21020208)
        466045.08   3671512.01       23.72759  (21020208)                466245.08
3671512.01       25.92753  (21020208)
        466445.08   3671512.01       25.66540  (21110510)                465045.08
3671712.01       36.60576  (21020208)
        465245.08   3671712.01       42.58672  (21020208)                465445.08
3671712.01       41.23549  (21020208)
        465645.08   3671712.01       37.23782  (21020208)                465845.08
3671712.01       28.32991  (21020208)
        466045.08   3671712.01       24.01564  (21020208)                466245.08
3671712.01       33.23417  (21110510)
        466445.08   3671712.01       39.13383  (21110510)                465645.08
3671912.01       23.40521  (21020208)
        465845.08   3671912.01       31.98676  (21110510)                466045.08
3671912.01       38.51112  (21110510)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE1   ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3673912.01   34.67129 (19022809)
        465845.08   3673912.01   21.65193 (21080308)   466045.08
3673912.01   21.25159 (21080308)
        466245.08   3673912.01   17.64718 (21102208)   466445.08
3673912.01   20.97640 (21092208)
        465645.08   3674112.01   54.24177 (19022809)   465845.08
3674112.01   38.58774 (19022809)
        466045.08   3674112.01   21.60988 (20091809)   466245.08
3674112.01   18.80069 (21080308)
        466445.08   3674112.01   18.31403 (21080308)   463245.08
3674312.01   33.89945 (21020208)
        463445.08   3674312.01   46.30246 (21020208)   463645.08
3674312.01   40.37513 (21020208)
        463845.08   3674312.01   77.27086 (19022808)   464045.08
3674312.01   88.47305 (19022808)
        465245.08   3674312.01   32.68366 (19040908)   465445.08
3674312.01   35.83394 (21010610)
        465645.08   3674312.01   42.32351 (19022809)   465845.08
3674312.01   49.24433 (19022809)
        466045.08   3674312.01   39.91069 (19022809)   466245.08
3674312.01   24.92932 (19022809)
        466445.08   3674312.01   17.98582 (20091809)   463045.08
3674512.01   28.13566 (21020208)
        463245.08   3674512.01   30.44461 (21020208)   463445.08
3674512.01   42.24011 (21020208)
        463645.08   3674512.01   46.37042 (21020208)   463845.08
3674512.01   119.36582 (19022808)
        464045.08   3674512.01   45.23594 (19022808)   464245.08
3674512.01   68.42933 (19120608)
        465045.08   3674512.01   38.54333 (19040908)   465245.08
3674512.01   41.36341 (19040908)
        465445.08   3674512.01   29.90414 (21010610)   465645.08
3674512.01   32.03677 (21010610)

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                   L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                   L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                   L0000141   , L0000142   , L0000143   , L0000144   , L0000145

, L0000146   , L0000147   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465845.08	3674512.01	36.27966	(19022809)	466045.08	3674512.01	44.27511	(19022809)
466245.08	3674512.01	39.55327	(19022809)	466445.08	3674512.01	27.82138	(19022809)
463045.08	3674712.01	25.62372	(21020208)	463245.08	3674712.01	27.72215	(21020208)
463445.08	3674712.01	36.06316	(21020208)	463645.08	3674712.01	40.66190	(21020208)
463845.08	3674712.01	125.78142	(19022808)	464045.08	3674712.01	26.55029	(21093008)
464245.08	3674712.01	57.47508	(19120608)	464445.08	3674712.01	42.70787	(21020208)
465045.08	3674712.01	26.59599	(19040908)	465245.08	3674712.01	40.71996	(19040908)
465445.08	3674712.01	33.68648	(19040908)	465645.08	3674712.01	28.34326	(21010610)
465845.08	3674712.01	29.38374	(21020208)	466045.08	3674712.01	31.59747	(19022809)
466245.08	3674712.01	40.00004	(19022809)	466445.08	3674712.01	38.33715	(19022809)
463245.08	3674912.01	24.78312	(21020208)	463445.08	3674912.01	34.78206	(21020208)
463645.08	3674912.01	56.20433	(19022808)	463845.08	3674912.01	104.66218	(19022808)
464045.08	3674912.01	19.70133	(21093008)	464245.08	3674912.01	55.71996	(19120608)
464445.08	3674912.01	28.46254	(19120608)	464645.08	3674912.01	18.88600	(21020208)
463245.08	3675112.01	25.64409	(21020208)	463445.08	3675112.01	27.91680	(21020208)
463645.08	3675112.01	82.60605	(19022808)	463845.08	3675112.01	74.65705	(19022808)
464045.08	3675112.01	15.95475	(21111610)	464245.08	3675112.01	44.73625	(19120608)
464445.08	3675112.01	21.39236	(19120608)	464645.08	3675112.01	15.19720	(21092808)
464292.03	3673119.21	1848.33161	(21092808)	464232.15	3673080.42	2275.90630	(21120908)

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        464356.24   3672897.49      561.69185  (21110208)                464419.69
3672940.47      492.08194  (21020208)
        463237.91   3675184.01       28.50716  (21020208)                462893.02
3674680.48       24.75694  (21020208)
        463465.53   3673914.84       48.54125  (21020208)                463644.87
3673956.22       52.50112  (21020208)
        464058.73   3674252.82       88.19187  (19022808)                464334.64
3674521.83      103.15629  (19120608)
        464479.49   3674687.38       33.89506  (21020208)                464707.11
3674887.41       29.39577  (21020208)
        464700.21   3675011.57       13.62046  (21092808)                464782.99
3675170.21       31.24079  (21020208)
        466486.71   3675163.32       21.90177  (19022809)                466486.71
3674846.02       38.19347  (19022809)
        465638.30   3674846.02       23.83417  (19040908)                465134.77
3674859.82       25.97956  (19040908)
        464969.22   3674783.94       37.48371  (21020208)                464776.09
3674597.71       35.81966  (21020208)
        464872.66   3674542.53       45.54324  (21020208)                465093.38
3674314.90       48.06750  (19040908)
        465079.59   3673597.54       70.63157  (19022809)                464824.37
3673728.60       54.27101  (21010610)
        464810.58   3673901.04       72.71898  (21021208)                464769.19
3673949.33       60.16789  (21021208)
        464651.93   3674025.20       32.12061  (21020208)                464520.87
3674245.93       47.85077  (21020208)
        464479.49   3674287.31       46.21246  (21020208)                464424.31
3674252.82       60.98370  (21020208)
        464520.87   3673942.43       20.49462  (21092808)                464472.59
3673873.45       39.67795  (19120516)
        464231.17   3673825.17       76.40402  (19120608)                464210.48
3674094.18       45.19390  (21020208)
        464141.50   3674170.05       51.79031  (21020208)                464100.12
3674045.89      111.35931  (19022808)
        463555.20   3673701.01       60.17536  (21020208)                463658.89
3673554.59       74.14761  (21020208)
        463703.94   3673572.22       76.46914  (21020208)                464021.28
3673125.61      313.49244  (20010908)
        464121.18   3672996.32     1668.31086  (19122408)                464107.47
3672978.69     1903.46998  (19122408)
        464528.62   3672406.71       88.18752  (21020208)                465611.07
3670894.31       20.21063  (21020208)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
462213.63	3670882.09	117.46891	(21010608)	462220.00	3675217.12	16.29288	(21020208)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

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        464385.08   3673092.01      898.78177  (19120516)                464405.08
3673092.01      648.48014  (21020208)
        464305.08   3672712.01      890.76605  (21122108)                464325.08
3672712.01      632.96636  (21121708)
        464345.08   3672712.01      420.70364  (21121708)                464365.08
3672712.01      294.09021  (19110708)
        464385.08   3672712.01      338.11643  (21020208)                464405.08
3672712.01      341.93205  (21020208)
        464425.08   3672712.01      337.23255  (21020208)                464445.08
3672712.01      329.83850  (21020208)
        464465.08   3672712.01      323.60837  (21020208)                464485.08
3672712.01      316.26725  (21020208)
        464505.08   3672712.01      311.15124  (21020208)                464525.08
3672712.01      306.66347  (21020208)
        464545.08   3672712.01      299.21423  (21020208)                464565.08
3672712.01      287.72325  (21020208)
        464585.08   3672712.01      276.12071  (21020208)                464605.08
3672712.01      264.45974  (21020208)
        464305.08   3672732.01     1106.81122  (20011508)                464325.08
3672732.01      714.96678  (21121708)
        464345.08   3672732.01      485.54805  (21121708)                464365.08
3672732.01      344.79078  (19110708)
        464385.08   3672732.01      371.18179  (21020208)                464405.08
3672732.01      373.67424  (21020208)
        464425.08   3672732.01      368.87590  (21020208)                464445.08
3672732.01      359.74276  (21020208)
        464465.08   3672732.01      350.04895  (21020208)                464485.08
3672732.01      346.66886  (21020208)
        464505.08   3672732.01      340.82029  (21020208)                464525.08
3672732.01      329.54489  (21020208)
        464545.08   3672732.01      315.91334  (21020208)                464565.08
3672732.01      302.04388  (21020208)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                 L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                 L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                 L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464585.08	3672732.01	288.59426	(21020208)	464605.08	3672732.01	275.51310	(21020208)
464285.08	3672752.01	2164.41024	(20011508)	464305.08	3672752.01	1451.72694	(20011508)
464325.08	3672752.01	835.67852	(21122108)	464345.08	3672752.01	572.15930	(21121708)
464365.08	3672752.01	403.56579	(19110708)	464385.08	3672752.01	406.80641	(21020208)
464405.08	3672752.01	406.88820	(21020208)	464425.08	3672752.01	403.30576	(21020208)
464445.08	3672752.01	394.55703	(21020208)	464465.08	3672752.01	382.99168	(21020208)
464485.08	3672752.01	378.08379	(21020208)	464505.08	3672752.01	366.26909	(21020208)
464525.08	3672752.01	349.99187	(21020208)	464545.08	3672752.01	333.23840	(21020208)
464565.08	3672752.01	317.10796	(21020208)	464585.08	3672752.01	301.67236	(21020208)
464605.08	3672752.01	286.96520	(21020208)	464265.08	3672772.01	2513.03663	(20011508)
464285.08	3672772.01	2473.02546	(20011508)	464305.08	3672772.01	1855.52367	(20011508)
464325.08	3672772.01	1003.66531	(21122108)	464345.08	3672772.01	708.40310	(21121708)
464365.08	3672772.01	477.91436	(19110708)	464385.08	3672772.01	448.75445	(21020208)
464405.08	3672772.01	460.43428	(21091508)	464425.08	3672772.01	469.49015	(21110208)
464445.08	3672772.01	434.52866	(21020208)	464465.08	3672772.01	421.47790	(21020208)
464485.08	3672772.01	410.01468	(21020208)	464505.08	3672772.01	392.10439	(21020208)
464525.08	3672772.01	371.53724	(21020208)	464545.08	3672772.01	351.66458	(21020208)
464565.08	3672772.01	332.85542	(21020208)	464585.08	3672772.01	315.21150	(21020208)
464605.08	3672772.01	298.65009	(21020208)	464245.08	3672792.01	2174.35541	(21010608)
464265.08	3672792.01	2429.04443	(20011508)	464285.08			

3672792.01   2688.99916 (20011508)
        464305.08   3672792.01   2284.74320 (20011508)   464325.08
3672792.01   1419.74414 (20011508)
        464345.08   3672792.01   893.19985 (21121708)   464365.08
3672792.01   581.37285 (19030109)
        464385.08   3672792.01   524.36170 (19110808)   464405.08
3672792.01   543.69708 (21110208)
        464425.08   3672792.01   554.94144 (21110208)   464445.08
3672792.01   473.87001 (21020208)
        464465.08   3672792.01   461.81443 (21020208)   464485.08
3672792.01   444.38831 (21020208)
        464505.08   3672792.01   436.91952 (19030108)   464525.08
3672792.01   394.65108 (21020208)
        464545.08   3672792.01   371.07343 (21020208)   464565.08
3672792.01   349.19887 (21020208)
        464585.08   3672792.01   328.96402 (21020208)   464605.08
3672792.01   310.17398 (21020208)
        464245.08   3672812.01   2508.54095 (21010608)   464265.08
3672812.01   2205.30517 (20011508)
        464285.08   3672812.01   2762.79614 (20011508)   464305.08
3672812.01   2686.68982 (20011508)
        464325.08   3672812.01   2046.91108 (20011508)   464345.08
3672812.01   1099.16663 (21121708)
        464365.08   3672812.01   734.54131 (19030109)   464385.08
3672812.01   656.83543 (21091508)
        464405.08   3672812.01   694.02904 (21110208)   464425.08
3672812.01   644.03803 (21110208)
        464445.08   3672812.01   532.12267 (19123016)   464465.08
3672812.01   533.84699 (19030108)
        464485.08   3672812.01   536.05066 (19030108)   464505.08
3672812.01   462.71484 (19030108)
        464525.08   3672812.01   419.12743 (21020208)   464545.08
3672812.01   391.19855 (21020208)
        464565.08   3672812.01   365.80350 (21020208)   464585.08
3672812.01   342.67493 (21020208)
        464605.08   3672812.01   321.51566 (21020208)   464225.08
3672832.01   2196.93453 (21010608)
        464245.08   3672832.01   2588.86878 (21010608)   464265.08
3672832.01   2608.58483 (21010608)
        464285.08   3672832.01   2671.71273 (20011508)   464305.08
3672832.01   3374.03209 (20011508)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0000057   , L0000058
, L0000059   , L0000060   , L0000061   ,
                 L0000062   , L0000063   , L0000064   , L0000065   , L0000066
, L0000067   , L0000068   , L0000069   ,
                 L0000070   , L0000071   , L0000072   , L0000073   , L0000074
, L0000075   , L0000076   , L0000077   ,
                 L0000078   , L0000079   , L0000080   , L0000081   , L0000082
, L0000083   , L0000084   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        464325.08   3672832.01   2968.44960 (20011508)   464345.08
3672832.01   1573.17229 (20011508)
        464365.08   3672832.01   951.20098 (19030109)   464385.08
3672832.01   864.11018 (21091508)
        464405.08   3672832.01   883.74266 (21110208)   464425.08
3672832.01   723.29887 (21110208)
        464445.08   3672832.01   656.44955 (19030108)   464465.08
3672832.01   679.00048 (19030108)
        464485.08   3672832.01   577.17083 (19030108)   464505.08
3672832.01   481.49166 (21020208)
        464525.08   3672832.01   444.54223 (21020208)   464545.08
3672832.01   411.62145 (21020208)
        464565.08   3672832.01   382.29513 (21020208)   464585.08
3672832.01   356.02812 (21020208)
        464605.08   3672832.01   332.40826 (21020208)   464205.08
3672852.01   1932.90495 (19122408)
        464225.08   3672852.01   1735.28883 (21010608)   464245.08
3672852.01   2385.33456 (21010608)
        464265.08   3672852.01   2746.03655 (21010608)   464285.08
3672852.01   2808.10843 (21010608)
        464305.08   3672852.01   3659.26578 (20011508)   464325.08
3672852.01   3606.03025 (20011508)
        464345.08   3672852.01   2312.05000 (20011508)   464365.08
3672852.01   1263.29436 (19030109)
        464385.08   3672852.01   1141.03017 (21091508)   464405.08
3672852.01   1112.36598 (21110208)
        464425.08   3672852.01   887.96760 (19123016)   464445.08
3672852.01   892.56411 (19030108)
        464465.08   3672852.01   750.25393 (19030108)   464485.08
3672852.01   565.62852 (21020208)

```
        464505.08   3672852.01      514.60091  (21020208)               464525.08
3672852.01      470.22840  (21020208)
        464545.08   3672852.01      431.76033  (21020208)               464565.08
3672852.01      398.28893  (21020208)
        464585.08   3672852.01      368.77780  (21020208)               464605.08
3672852.01      342.48231  (21020208)
        464205.08   3672872.01     2413.74504  (19122408)               464225.08
3672872.01     2293.73706  (19122408)
        464245.08   3672872.01     2047.49557  (19122408)               464265.08
3672872.01     2619.69957  (21010608)
        464285.08   3672872.01     3584.01434  (21010608)               464305.08
3672872.01     3718.05698  (20011508)
        464325.08   3672872.01     4056.58697  (20011508)               464345.08
3672872.01     3232.64630  (20011508)
        464365.08   3672872.01     1711.75276  (19030109)               464385.08
3672872.01     1600.40348  (21110208)
        464405.08   3672872.01     1345.85203  (21110208)               464425.08
3672872.01     1231.65536  (19030108)
        464445.08   3672872.01     1027.59588  (19030108)               464465.08
3672872.01      722.83401  (19122016)
        464485.08   3672872.01      622.13817  (19122016)               464505.08
3672872.01      547.51508  (21020208)
        464525.08   3672872.01      494.94849  (21020208)               464545.08
3672872.01      450.66726  (21020208)
        464565.08   3672872.01      412.91929  (21020208)               464585.08
3672872.01      380.06548  (21020208)
        464605.08   3672872.01      350.83269  (21020208)               464185.08
3672892.01     2170.84480  (19122408)
        464205.08   3672892.01     2445.18255  (19122408)               464225.08
3672892.01     2581.12952  (19122408)
        464245.08   3672892.01     2605.51312  (19122408)               464265.08
3672892.01     3000.42450  (19122408)
        464285.08   3672892.01     3544.76582  (21010608)               464305.08
3672892.01     3874.44508  (21010608)
        464325.08   3672892.01     4290.58366  (20011508)               464345.08
3672892.01     4093.60997  (20011508)
        464365.08   3672892.01     2340.92799  (20011508)               464385.08
3672892.01     2235.35342  (21110208)
        464405.08   3672892.01     1760.08518  (19030108)               464425.08
3672892.01     1496.76765  (19030108)
        464445.08   3672892.01     1133.03678  (19122016)               464465.08
3672892.01      918.90488  (21122216)
        464485.08   3672892.01      727.91046  (21122216)               464505.08
3672892.01      578.07158  (21020208)
        464525.08   3672892.01      517.20817  (21020208)               464545.08
3672892.01      467.28654  (21020208)
        464565.08   3672892.01      425.32609  (21020208)               464585.08
3672892.01      389.09151  (21020208)
        464605.08   3672892.01      356.44734  (21020208)               464165.08
3672912.01     1532.72208  (21120908)
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464185.08	3672912.01	1496.59003	(21120908)	464205.08	3672912.01	1942.95377	(19122408)
464225.08	3672912.01	2376.36915	(19122408)	464425.08	3672912.01	1809.35549	(19122016)
464445.08	3672912.01	1380.58763	(21122216)	464465.08	3672912.01	1166.98951	(21122116)
464485.08	3672912.01	956.01441	(21122116)	464505.08	3672912.01	769.91832	(21122116)
464525.08	3672912.01	616.96544	(21122116)	464545.08	3672912.01	494.69205	(21122116)
464565.08	3672912.01	430.22158	(21020208)	464585.08	3672912.01	392.02224	(21020208)
464605.08	3672912.01	359.01751	(21020208)	464145.08	3672932.01	2309.16959	(21120908)
464165.08	3672932.01	2349.07979	(21120908)	464185.08	3672932.01	2385.68433	(21120908)
464205.08	3672932.01	2420.12034	(21120908)	464225.08	3672932.01	2647.57501	(21120908)
464425.08	3672932.01	2415.14469	(21122116)	464445.08	3672932.01	1863.04469	(21122116)
464465.08	3672932.01	1387.98522	(21122116)	464485.08			

3672932.01 1030.63384 (21122116)
464505.08 3672932.01 774.93610 (21122116) 464525.08
3672932.01 587.27740 (21122116)
464545.08 3672932.01 484.82932 (21020208) 464565.08
3672932.01 382.52750 (21020208)
464585.08 3672932.01 392.03388 (21020208) 464605.08
3672932.01 332.89773 (21020208)
464145.08 3672952.01 2559.86133 (21120908) 464165.08
3672952.01 2669.77966 (21120908)
464185.08 3672952.01 2783.76937 (21120908) 464205.08
3672952.01 2903.84790 (21120908)
464225.08 3672952.01 3382.40577 (21120908) 464425.08
3672952.01 2451.96383 (21020108)
464445.08 3672952.01 1831.43636 (21020108) 464465.08
3672952.01 1320.70974 (21020108)
464485.08 3672952.01 955.15134 (21020108) 464505.08
3672952.01 745.48103 (19121216)
464525.08 3672952.01 582.53741 (19121216) 464545.08
3672952.01 480.99753 (21020208)
464565.08 3672952.01 379.81303 (19012108) 464585.08
3672952.01 378.55242 (21020208)
464605.08 3672952.01 319.07561 (19012108) 464125.08
3672972.01 1962.13916 (21120908)
464145.08 3672972.01 2058.65351 (21120908) 464165.08
3672972.01 2166.58667 (21120908)
464185.08 3672972.01 2288.76819 (21120908) 464205.08
3672972.01 2537.23150 (21120908)
464225.08 3672972.01 3156.19529 (21120908) 464425.08
3672972.01 2861.94133 (21020108)
464445.08 3672972.01 2617.85414 (21020108) 464465.08
3672972.01 2284.93791 (21020108)
464485.08 3672972.01 1893.79643 (21020108) 464505.08
3672972.01 1515.88466 (21020108)
464525.08 3672972.01 1190.78707 (21020108) 464545.08
3672972.01 922.58759 (21020108)
464565.08 3672972.01 717.92399 (21020108) 464585.08
3672972.01 562.32887 (21020108)
464605.08 3672972.01 372.14815 (21020108) 464125.08
3672992.01 1119.70869 (21120908)
464145.08 3672992.01 1147.11224 (21120908) 464165.08
3672992.01 1176.64325 (21120908)
464185.08 3672992.01 1211.87558 (21120908) 464205.08
3672992.01 1557.02280 (21120908)
464225.08 3672992.01 1690.92135 (21120908) 464425.08
3672992.01 2813.80271 (21020108)
464445.08 3672992.01 2731.26987 (21020108) 464465.08
3672992.01 2624.38351 (21020108)
464485.08 3672992.01 2457.77941 (21020108) 464505.08
3672992.01 2222.25877 (21020108)
464525.08 3672992.01 1937.72259 (21020108) 464545.08

3672992.01   1637.03484 (21020108)
        464565.08   3672992.01   1353.62354 (21020108)   464585.08
3672992.01   1099.23593 (21020108)
        464605.08   3672992.01   882.41146 (21020108)   464125.08
3673012.01   475.29064 (21120908)
        464145.08   3673012.01   464.63732 (21120908)   464165.08
3673012.01   539.21823 (20010908)
        464185.08   3673012.01   715.65165 (20010908)   464205.08
3673012.01   928.12448 (21012908)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0000057   , L0000058 , L0000059   , L0000060   , L0000061   ,
                 L0000062   , L0000063   , L0000064   , L0000065   , L0000066 , L0000067   , L0000068   , L0000069   ,
                 L0000070   , L0000071   , L0000072   , L0000073   , L0000074 , L0000075   , L0000076   , L0000077   ,
                 L0000078   , L0000079   , L0000080   , L0000081   , L0000082 , L0000083   , L0000084   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        464225.08   3673012.01   1159.83930 (21012908)   464425.08
3673012.01   2188.04730 (21020108)
        464445.08   3673012.01   2349.75102 (21020108)   464465.08
3673012.01   2434.51339 (21020108)
        464485.08   3673012.01   2459.79903 (21020108)   464505.08
3673012.01   2423.61066 (21020108)
        464525.08   3673012.01   2315.07532 (21020108)   464545.08
3673012.01   2139.18186 (21020108)
        464565.08   3673012.01   1914.79758 (21020108)   464585.08
3673012.01   1717.72500 (21020108)
        464605.08   3673012.01   1536.67080 (21020108)   464105.08
3673032.01   387.80836 (20010908)

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        464125.08   3673032.01      436.98755  (20010908)               464145.08
3673032.01      522.00565  (21012908)
        464165.08   3673032.01      688.70169  (21012908)               464185.08
3673032.01      885.17030  (21012908)
        464205.08   3673032.01     1026.15182  (21012908)               464225.08
3673032.01     1099.41636  (21012908)
        464425.08   3673032.01     1051.54358  (21020108)               464445.08
3673032.01     1404.92566  (21020108)
        464465.08   3673032.01     1706.83990  (21020108)               464485.08
3673032.01     1937.45830  (21020108)
        464505.08   3673032.01     2094.73434  (21020108)               464525.08
3673032.01     2176.64763  (21020108)
        464545.08   3673032.01     2180.53083  (21020108)               464565.08
3673032.01     2216.68596  (21020108)
        464585.08   3673032.01     2333.59634  (21020108)               464605.08
3673032.01     2133.29382  (21020108)
        464085.08   3673052.01      363.20439  (20010908)               464105.08
3673052.01      437.18015  (21012908)
        464125.08   3673052.01      517.81669  (21012908)               464145.08
3673052.01      667.14029  (21012908)
        464165.08   3673052.01      784.62288  (21012908)               464185.08
3673052.01      828.82363  (21012908)
        464205.08   3673052.01      812.64378  (21012908)               464225.08
3673052.01      742.47079  (21111609)
        464425.08   3673052.01      930.30019  (21121016)               464445.08
3673052.01      711.59533  (21020208)
        464465.08   3673052.01      846.08153  (21020108)               464485.08
3673052.01     1127.45273  (21020108)
        464505.08   3673052.01     1393.98064  (21020108)               464525.08
3673052.01     1616.98846  (21020108)
        464545.08   3673052.01     1775.87445  (21020108)               464565.08
3673052.01     2167.34821  (21020108)
        464585.08   3673052.01     2209.41591  (21020108)               464605.08
3673052.01     2173.89165  (21020108)
        464065.08   3673072.01      377.62821  (21012908)               464085.08
3673072.01      434.43738  (21012908)
        464105.08   3673072.01      490.62213  (21012908)               464125.08
3673072.01      579.39599  (21012908)
        464145.08   3673072.01      652.84291  (21012908)               464165.08
3673072.01      665.38066  (21012908)
        464185.08   3673072.01      609.26357  (21012908)               464205.08
3673072.01      599.87841  (21111609)
        464225.08   3673072.01      673.28501  (21111609)               464425.08
3673072.01      798.26629  (21121016)
        464445.08   3673072.01      679.66369  (21021208)               464465.08
3673072.01      584.77703  (21020208)
        464485.08   3673072.01      535.18742  (21020208)               464505.08
3673072.01      717.64967  (21020108)
        464525.08   3673072.01      940.71590  (21020108)               464545.08
3673072.01     1152.97721  (21020108)
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464545.08	3673092.01	518.06272	(21020108)	464565.08	3673092.01	703.21342	(21020108)
464585.08	3673092.01	928.59866	(21020108)	464605.08	3673072.01	1637.12884	(21020108)
464605.08	3673072.01	1788.13929	(21020108)	464065.08	3673092.01	405.76490	(21012908)
464085.08	3673092.01	435.80409	(21012908)	464105.08	3673092.01	458.77872	(21012908)
464125.08	3673092.01	518.02615	(21012908)	464145.08	3673092.01	508.09522	(21012908)
464165.08	3673092.01	443.92367	(21012908)	464185.08	3673092.01	491.89396	(21111609)
464205.08	3673092.01	517.47236	(21111609)	464225.08	3673092.01	484.20559	(21020208)
464425.08	3673092.01	693.67631	(21021208)	464445.08	3673092.01	670.94225	(21021208)
464465.08	3673092.01	553.62428	(21021208)	464485.08	3673092.01	494.88555	(21020208)
464505.08	3673092.01	457.24728	(21020208)	464525.08	3673092.01	458.90897	(21020108)

3673092.01 1151.88401 (21020108)
464045.08 3673112.01 367.61443 (21012908) 464065.08
3673112.01 376.94966 (21012908)
464085.08 3673112.01 375.46254 (21012908) 464105.08
3673112.01 368.80006 (21012908)
464125.08 3673112.01 380.49623 (21012908) 464145.08
3673112.01 353.99227 (21111609)
464165.08 3673112.01 406.83248 (21111609) 464185.08
3673112.01 408.66427 (21111609)
464205.08 3673112.01 416.95106 (21020208) 464225.08
3673112.01 456.40672 (21020208)
464245.08 3673112.01 487.69196 (21020208) 464265.08
3673112.01 517.27441 (21020208)
464305.08 3673112.01 1271.89766 (19022808) 464325.08
3673112.01 1285.74179 (19022808)
464345.08 3673112.01 1328.78489 (19120608) 464365.08
3673112.01 1448.61463 (19120608)
464385.08 3673112.01 822.06906 (19120516) 464405.08
3673112.01 572.58273 (21020208)
464425.08 3673112.01 569.05625 (21021208) 464445.08
3673112.01 613.99534 (21021208)
464465.08 3673112.01 563.05626 (21021208) 464485.08
3673112.01 457.65089 (21020208)
464505.08 3673112.01 426.00365 (21020208) 464525.08
3673112.01 392.70429 (21020208)
464545.08 3673112.01 255.41869 (19022809) 464565.08
3673112.01 269.02781 (21020108)
464585.08 3673112.01 403.35558 (21020108) 464605.08
3673112.01 572.88469 (21020108)
464045.08 3673132.01 325.17104 (21012908) 464065.08
3673132.01 311.62104 (21012908)
464085.08 3673132.01 296.71291 (21012908) 464105.08
3673132.01 281.97089 (21012908)
464125.08 3673132.01 309.06769 (21111609) 464145.08
3673132.01 338.73929 (21111609)
464165.08 3673132.01 356.99930 (21020208) 464185.08
3673132.01 376.65078 (21020208)
464205.08 3673132.01 397.90405 (21020208) 464225.08
3673132.01 423.57989 (21020208)
464245.08 3673132.01 447.30608 (21020208) 464265.08
3673132.01 471.73664 (21020208)
464285.08 3673132.01 783.30667 (19022808) 464305.08
3673132.01 1133.72123 (19022808)
464325.08 3673132.01 1007.65003 (19022808) 464345.08
3673132.01 1229.90841 (19120608)
464365.08 3673132.01 1355.76114 (19120608) 464385.08
3673132.01 773.26051 (19120608)
464405.08 3673132.01 532.14395 (19120516) 464425.08
3673132.01 493.65257 (21020208)
464445.08 3673132.01 530.66037 (21021208) 464465.08

3673132.01   534.12499 (21021208)
        464485.08   3673132.01   468.64055 (21021208)   464505.08
3673132.01   394.95896 (21020208)
        464525.08   3673132.01   281.23367 (21020208)   464545.08
3673132.01   231.30514 (19022809)
        464565.08   3673132.01   227.62014 (19022809)   464585.08
3673132.01   214.78848 (19022809)
        464605.08   3673132.01   231.11823 (21020108)   464045.08
3673152.01   256.18388 (21012908)
        464065.08   3673152.01   235.88895 (21012908)   464085.08
3673152.01   233.31539 (21111609)
        464105.08   3673152.01   270.39864 (21111609)   464125.08
3673152.01   285.41673 (21111609)
        464145.08   3673152.01   310.58832 (21020208)   464165.08
3673152.01   332.32969 (21020208)
        464185.08   3673152.01   350.06361 (21020208)   464205.08
3673152.01   374.68805 (21020208)
        464225.08   3673152.01   394.01019 (21020208)   464245.08
3673152.01   413.61842 (21020208)
        464265.08   3673152.01   432.76354 (21020208)   464285.08
3673152.01   799.67980 (19022808)
        464305.08   3673152.01   993.58807 (19022808)   464325.08
3673152.01   792.08846 (19022808)
        464345.08   3673152.01   1137.35096 (19120608)   464365.08
3673152.01   1265.47803 (19120608)
        464385.08   3673152.01   752.70783 (19120608)   464405.08
3673152.01   518.62998 (19120516)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0000057   , L0000058 , L0000059   , L0000060   , L0000061   ,
                 L0000062   , L0000063   , L0000064   , L0000065   , L0000066 , L0000067   , L0000068   , L0000069   ,
                 L0000070   , L0000071   , L0000072   , L0000073   , L0000074 , L0000075   , L0000076   , L0000077   ,
                 L0000078   , L0000079   , L0000080   , L0000081   , L0000082 , L0000083   , L0000084   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464425.08	3673152.01	448.41863	(21020208)	464445.08	3673152.01	439.32180	(21021208)
464465.08	3673152.01	479.36725	(21021208)	464485.08	3673152.01	455.21749	(21021208)
464505.08	3673152.01	391.89260	(21021208)	464525.08	3673152.01	303.50898	(21021208)
464545.08	3673152.01	210.18029	(21020208)	464565.08	3673152.01	206.63817	(19022809)
464585.08	3673152.01	206.92358	(19022809)	464605.08	3673152.01	199.02442	(19022809)
464045.08	3673172.01	182.79982	(21020208)	464065.08	3673172.01	212.17976	(21111609)
464085.08	3673172.01	244.81036	(21020208)	464105.08	3673172.01	258.91384	(21020208)
464125.08	3673172.01	278.28728	(21020208)	464145.08	3673172.01	289.41211	(21020208)
464165.08	3673172.01	305.35505	(21020208)	464185.08	3673172.01	328.75957	(21020208)
464205.08	3673172.01	352.09532	(21020208)	464225.08	3673172.01	367.58680	(21020208)
464245.08	3673172.01	383.95015	(21020208)	464265.08	3673172.01	476.13108	(19022808)
464285.08	3673172.01	781.79770	(19022808)	464305.08	3673172.01	860.35857	(19022808)
464325.08	3673172.01	625.15835	(19022808)	464345.08	3673172.01	1052.41047	(19120608)
464365.08	3673172.01	1179.67584	(19120608)	464385.08	3673172.01	730.94135	(19120608)
464405.08	3673172.01	497.92595	(19120516)	464425.08	3673172.01	410.09981	(21020208)
464445.08	3673172.01	396.83880	(21020208)	464465.08	3673172.01	412.81098	(21021208)
464485.08	3673172.01	436.65083	(21021208)	464505.08	3673172.01	408.71126	(21021208)
464525.08	3673172.01	336.39980	(21021208)	464545.08	3673172.01	250.12108	(21021208)
464565.08	3673172.01	180.00983	(21020208)	464585.08	3673172.01	188.07308	(19022809)
464605.08	3673172.01	190.70023	(19022809)	464045.08	3673192.01	192.35791	(21111609)
464065.08	3673192.01	208.58353	(21111609)	464085.08	3673192.01	242.82304	(21020208)
464105.08	3673192.01	247.54011	(21020208)	464125.08	3673192.01	266.01151	(21020208)

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        464145.08   3673192.01      277.12668  (21020208)                464165.08
3673192.01      291.94416  (21020208)
        464185.08   3673192.01      310.94034  (21020208)                464205.08
3673192.01      329.28737  (21020208)
        464225.08   3673192.01      344.73504  (21020208)                464245.08
3673192.01      357.17493  (21020208)
        464265.08   3673192.01      514.84369  (19022808)                464285.08
3673192.01      735.57079  (19022808)
        464305.08   3673192.01      724.26162  (19022808)                464325.08
3673192.01      495.03880  (19022808)
        464345.08   3673192.01      974.16300  (19120608)                464365.08
3673192.01     1100.15207  (19120608)
        464385.08   3673192.01      708.58109  (19120608)                464405.08
3673192.01      471.47063  (19120516)
        464425.08   3673192.01      377.43245  (21020208)                464445.08
3673192.01      366.45445  (21020208)
        464465.08   3673192.01      351.75165  (21020208)                464485.08
3673192.01      397.02131  (21021208)
        464505.08   3673192.01      394.83755  (21021208)                464525.08
3673192.01      352.51704  (21021208)
        464545.08   3673192.01      285.06551  (21021208)                464565.08
3673192.01      212.88935  (21021208)
        464585.08   3673192.01      163.37261  (21020208)                464605.08
3673192.01      173.46821  (19022809)
        464045.08   3673212.01      186.29765  (21020208)                464065.08
3673212.01      216.03906  (21020208)
        464085.08   3673212.01      235.17846  (21020208)                464105.08
3673212.01      239.02728  (21020208)
        464125.08   3673212.01      253.08521  (21020208)                464145.08
3673212.01      264.18511  (21020208)
        464165.08   3673212.01      279.05756  (21020208)                464185.08
3673212.01      297.57067  (21020208)
        464205.08   3673212.01      311.71478  (21020208)                464225.08
3673212.01      323.31799  (21020208)
        464245.08   3673212.01      333.40908  (21020208)                464265.08
3673212.01      533.09636  (19022808)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                 L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
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                 L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                 L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        464285.08   3673212.01      674.78057  (19022808)               464305.08
3673212.01      610.99941  (19022808)
        464325.08   3673212.01      433.33408  (19120608)               464345.08
3673212.01      904.29714  (19120608)
        464365.08   3673212.01     1026.38129  (19120608)               464385.08
3673212.01      685.82997  (19120608)
        464405.08   3673212.01      439.45911  (19120516)               464425.08
3673212.01      349.14578  (21020208)
        464445.08   3673212.01      339.68668  (21020208)               464465.08
3673212.01      326.77549  (21020208)
        464485.08   3673212.01      342.80447  (21021208)               464505.08
3673212.01      366.25009  (21021208)
        464525.08   3673212.01      351.26469  (21021208)               464545.08
3673212.01      304.76340  (21021208)
        464565.08   3673212.01      243.95428  (21021208)               464585.08
3673212.01      179.99709  (21021208)
        464605.08   3673212.01      150.97970  (19022809)               464045.08
3673232.01      194.34389  (21020208)
        464065.08   3673232.01      206.28728  (21020208)               464085.08
3673232.01      221.90692  (21020208)
        464105.08   3673232.01      233.15722  (21020208)               464125.08
3673232.01      240.43269  (21020208)
        464145.08   3673232.01      250.82571  (21020208)               464165.08
3673232.01      266.99525  (21020208)
        464185.08   3673232.01      284.70349  (21020208)               464205.08
3673232.01      295.02340  (21020208)
        464225.08   3673232.01      304.01064  (21020208)               464245.08
3673232.01      344.32286  (19022808)
        464265.08   3673232.01      533.49231  (19022808)               464285.08
3673232.01      608.19841  (19022808)
        464305.08   3673232.01      516.39199  (19022808)               464325.08
3673232.01      420.43518  (19120608)
        464345.08   3673232.01      842.10078  (19120608)               464365.08
3673232.01      958.21574  (19120608)
        464385.08   3673232.01      662.98384  (19120608)               464405.08
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3673232.01      403.58687  (19120516)
        464425.08   3673232.01      324.33308  (21020208)                464445.08
3673232.01      315.81635  (21020208)
        464465.08   3673232.01      303.99172  (21020208)                464485.08
3673232.01      288.17981  (21021208)
        464505.08   3673232.01      328.40840  (21021208)                464525.08
3673232.01      335.49817  (21021208)
        464545.08   3673232.01      309.57363  (21021208)                464565.08
3673232.01      263.70089  (21021208)
        464585.08   3673232.01      207.10583  (21021208)                464605.08
3673232.01      152.48018  (21021208)
        464045.08   3673252.01      197.84062  (21020208)                464065.08
3673252.01      205.06075  (21020208)
        464085.08   3673252.01      214.47600  (21020208)                464105.08
3673252.01      221.86331  (21020208)
        464125.08   3673252.01      233.47743  (21020208)                464145.08
3673252.01      245.83428  (21020208)
        464165.08   3673252.01      259.54708  (21020208)                464185.08
3673252.01      270.70630  (21020208)
        464205.08   3673252.01      279.06539  (21020208)                464225.08
3673252.01      286.58002  (21020208)
        464245.08   3673252.01      374.20654  (19022808)                464265.08
3673252.01      520.26057  (19022808)
        464285.08   3673252.01      546.09366  (19022808)                464305.08
3673252.01      433.67770  (19022808)
        464325.08   3673252.01      407.89143  (19120608)                464345.08
3673252.01      786.42285  (19120608)
        464365.08   3673252.01      897.32324  (19120608)                464385.08
3673252.01      640.47119  (19120608)
        464405.08   3673252.01      364.58077  (19120516)                464425.08
3673252.01      299.93558  (21020208)
        464445.08   3673252.01      292.80227  (21020208)                464465.08
3673252.01      221.84958  (21020208)
        464485.08   3673252.01      236.74415  (21021208)                464505.08
3673252.01      285.76966  (21021208)
        464525.08   3673252.01      309.51656  (21021208)                464545.08
3673252.01      303.61352  (21021208)
        464565.08   3673252.01      274.14781  (21021208)                464585.08
3673252.01      227.39600  (21021208)
        464605.08   3673252.01      176.45493  (21021208)                464045.08
3673272.01      197.67629  (21020208)
        464065.08   3673272.01      202.83489  (21020208)                464085.08
3673272.01      208.45120  (21020208)
        464105.08   3673272.01      214.33016  (21020208)                464125.08
3673272.01      225.57693  (21020208)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464145.08	3673272.01	239.63251	(21020208)	464165.08	3673272.01	249.80073	(21020208)
464185.08	3673272.01	257.67907	(21020208)	464205.08	3673272.01	264.49752	(21020208)
464225.08	3673272.01	270.85712	(21020208)	464245.08	3673272.01	393.98494	(19022808)
464265.08	3673272.01	498.97477	(19022808)	464285.08	3673272.01	488.37397	(19022808)
464305.08	3673272.01	365.70784	(19022808)	464325.08	3673272.01	395.11296	(19120608)
464345.08	3673272.01	735.98253	(19120608)	464365.08	3673272.01	841.00035	(19120608)
464385.08	3673272.01	615.74916	(19120608)	464405.08	3673272.01	325.95032	(19120516)
464425.08	3673272.01	288.10245	(19120516)	464445.08	3673272.01	247.61194	(21020208)
464465.08	3673272.01	181.77996	(21020208)	464485.08	3673272.01	190.84103	(21021208)
464505.08	3673272.01	242.61628	(21021208)	464525.08	3673272.01	277.33867	(21021208)
464545.08	3673272.01	287.89250	(21021208)	464565.08	3673272.01	274.42812	(21021208)
464585.08	3673272.01	242.04778	(21021208)	464605.08	3673272.01	198.69082	(21021208)
464045.08	3673292.01	192.24399	(21020208)	464065.08	3673292.01	198.11796	(21020208)

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        464085.08   3673292.01      204.47787  (21020208)               464105.08
3673292.01      211.33088  (21020208)
        464125.08   3673292.01      216.68494  (21020208)               464145.08
3673292.01      231.10595  (21020208)
        464165.08   3673292.01      239.17597  (21020208)               464185.08
3673292.01      245.37039  (21020208)
        464205.08   3673292.01      251.12972  (21020208)               464225.08
3673292.01      272.18634  (19022808)
        464245.08   3673292.01      404.30841  (19022808)               464265.08
3673292.01      472.99204  (19022808)
        464285.08   3673292.01      435.52856  (19022808)               464305.08
3673292.01      309.10857  (19022808)
        464325.08   3673292.01      382.19433  (19120608)               464345.08
3673292.01      690.13256  (19120608)
        464365.08   3673292.01      789.03670  (19120608)               464385.08
3673292.01      587.73161  (19120608)
        464405.08   3673292.01      298.45650  (19120608)               464425.08
3673292.01      276.70352  (19120516)
        464445.08   3673292.01      180.50614  (19120516)               464465.08
3673292.01      167.12003  (21020208)
        464485.08   3673292.01      160.69475  (21020208)               464505.08
3673292.01      201.94434  (21021208)
        464525.08   3673292.01      242.63529  (21021208)               464545.08
3673292.01      265.34129  (21021208)
        464565.08   3673292.01      265.88977  (21021208)               464585.08
3673292.01      249.33513  (21021208)
        464605.08   3673292.01      216.53931  (21021208)               464545.08
3672412.01      118.78206  (21020208)
        464595.08   3672412.01      126.53248  (21020208)               464645.08
3672412.01      130.65599  (21020208)
        464695.08   3672412.01      127.01306  (21020208)               464745.08
3672412.01      128.97656  (21020208)
        464795.08   3672412.01      128.77754  (21020208)               464845.08
3672412.01      123.36020  (21020208)
        464895.08   3672412.01      117.46842  (21020208)               464495.08
3672462.01      133.70481  (21020208)
        464545.08   3672462.01      131.79699  (21020208)               464595.08
3672462.01      146.45863  (21020208)
        464645.08   3672462.01      144.65956  (21020208)               464695.08
3672462.01      144.09954  (21020208)
        464745.08   3672462.01      144.67133  (21020208)               464795.08
3672462.01      136.91631  (21020208)
        464845.08   3672462.01      129.93563  (21020208)               464895.08
3672462.01      122.62218  (21020208)
        464495.08   3672512.01      148.31789  (21020208)               464545.08
3672512.01      165.68850  (21020208)
        464595.08   3672512.01      163.57382  (21020208)               464645.08
3672512.01      161.88508  (21020208)
        464695.08   3672512.01      162.16811  (21020208)               464745.08
3672512.01      154.08485  (21020208)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464495.08	3672562.01	189.62487	(21020208)	464545.08	3672562.01	185.54466	(21020208)
464595.08	3672562.01	183.36997	(21020208)	464645.08	3672562.01	185.93726	(21020208)
464695.08	3672562.01	176.16755	(21020208)	464745.08	3672562.01	164.06493	(21020208)
464795.08	3672562.01	153.08478	(21020208)	464845.08	3672562.01	141.67242	(21020208)
464895.08	3672562.01	131.37082	(21020208)	464395.08	3672612.01	199.29436	(21020208)
464445.08	3672612.01	197.64393	(21020208)	464495.08	3672612.01	224.29137	(21020208)
464545.08	3672612.01	213.72012	(21020208)	464595.08	3672612.01	211.12899	(21020208)
464645.08	3672612.01	204.56973	(21020208)	464695.08	3672612.01	189.20027	(21020208)
464745.08	3672612.01	174.55580	(21020208)	464795.08			

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3672612.01      160.24570  (21020208)
        464845.08   3672612.01      130.10720  (21020208)                464895.08
3672612.01      119.65893  (21110510)
        464345.08   3672662.01      303.50786  (21121708)                464395.08
3672662.01      236.26511  (21020208)
        464445.08   3672662.01      273.91336  (21020208)                464495.08
3672662.01      260.05064  (21020208)
        464545.08   3672662.01      249.75956  (21020208)                464595.08
3672662.01      243.38909  (21020208)
        464645.08   3672662.01      222.92527  (21020208)                464695.08
3672662.01      203.61175  (21020208)
        464745.08   3672662.01      185.58136  (21020208)                464795.08
3672662.01      165.43203  (21020208)
        464845.08   3672662.01      134.65085  (21110510)                464895.08
3672662.01      127.77615  (21110510)
        464645.08   3672712.01      242.65198  (21020208)                464695.08
3672712.01      218.33790  (21020208)
        464745.08   3672712.01      194.78298  (21020208)                464795.08
3672712.01      148.29453  (21110510)
        464845.08   3672712.01      132.25270  (21110510)                464895.08
3672712.01      111.87231  (21110510)
        464645.08   3672762.01      264.11958  (21020208)                464695.08
3672762.01      229.12282  (21020208)
        464745.08   3672762.01      156.81782  (21110510)                464795.08
3672762.01      129.07405  (21110510)
        464845.08   3672762.01      101.58746  (21110510)                464895.08
3672762.01       85.91635  (21020208)
        464645.08   3672812.01      281.80987  (21020208)                464695.08
3672812.01      161.98274  (21020208)
        464745.08   3672812.01      124.67866  (21020208)                464795.08
3672812.01      107.81811  (21020208)
        464845.08   3672812.01       98.25874  (21020208)                464895.08
3672812.01       82.35029  (21020208)
        464645.08   3672862.01      280.10774  (21020208)                464695.08
3672862.01      161.71418  (19121316)
        464745.08   3672862.01      129.36747  (19121316)                464795.08
3672862.01      110.47306  (21020208)
        464845.08   3672862.01      103.24806  (21110509)                464895.08
3672862.01      100.35456  (21110509)
        464645.08   3672912.01      223.59037  (19012108)                464695.08
3672912.01      192.69505  (19012108)
        464745.08   3672912.01      170.76879  (19012108)                464795.08
3672912.01      152.70955  (19012108)
        464845.08   3672912.01      136.86549  (19012108)                464895.08
3672912.01      122.09264  (19012108)
        464645.08   3672962.01      270.95152  (19012108)                464695.08
3672962.01      226.08947  (19012108)
        464745.08   3672962.01      193.59247  (19012108)                464795.08
3672962.01      168.69246  (19012108)
        464845.08   3672962.01      147.01209  (19012108)                464895.08
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3672962.01   129.93347 (19012108)
        464645.08   3673012.01   966.49018 (21020108)   464695.08
3673012.01   515.02582 (21020108)
        464745.08   3673012.01   275.27627 (21020108)   464795.08
3673012.01   143.82069 (21122808)
        464845.08   3673012.01   125.59711 (21122808)   464895.08
3673012.01   114.33655 (20122808)
        464645.08   3673062.01   2017.65069 (21020108)   464695.08
3673062.01   1700.03037 (21020108)
        464745.08   3673062.01   1264.15089 (21020108)   464795.08
3673062.01   737.87799 (21020108)
        464845.08   3673062.01   412.43823 (21020108)   464895.08
3673062.01   230.85493 (21020108)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0000057   , L0000058 , L0000059   , L0000060   , L0000061   ,
                 L0000062   , L0000063   , L0000064   , L0000065   , L0000066 , L0000067   , L0000068   , L0000069   ,
                 L0000070   , L0000071   , L0000072   , L0000073   , L0000074 , L0000075   , L0000076   , L0000077   ,
                 L0000078   , L0000079   , L0000080   , L0000081   , L0000082 , L0000083   , L0000084   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        464745.08   3673162.01      570.59105  (21020108)              464795.08
3673162.01      782.48091  (21020108)
        464845.08   3673162.01      915.06289  (21020108)              464895.08
3673162.01      849.78633  (21020108)
        463995.08   3673212.01      155.94110  (21020208)              464645.08
3673212.01      167.03686  (19022809)
        464695.08   3673212.01      157.80901  (19022809)              464745.08
3673212.01      128.33880  (19022809)
        464795.08   3673212.01      172.10686  (21020108)              464845.08
3673212.01      301.36936  (21020108)
        464895.08   3673212.01      416.68590  (21020108)              463945.08
3673262.01      134.22097  (21020208)
        463995.08   3673262.01      145.89401  (21020208)              464645.08
3673262.01      123.84045  (19022809)
        464695.08   3673262.01      146.61349  (19022809)              464745.08
3673262.01      144.90023  (19022809)
        464795.08   3673262.01      125.28752  (19022809)              464845.08
3673262.01       98.17275  (19022809)
        464895.08   3673262.01       86.01424  (21020108)              463895.08
3673312.01      117.60408  (21020208)
        463945.08   3673312.01      126.31532  (21020208)              463995.08
3673312.01      166.25164  (21020208)
        464045.08   3673312.01      187.13044  (21020208)              464095.08
3673312.01      203.01701  (21020208)
        464145.08   3673312.01      223.07758  (21020208)              464195.08
3673312.01      236.57929  (21020208)
        464245.08   3673312.01      407.46559  (19022808)              464295.08
3673312.01      327.92301  (19022808)
        464345.08   3673312.01      648.09283  (19120608)              464395.08
3673312.01      432.52378  (19120608)
        464445.08   3673312.01      186.00684  (19120516)              464495.08
3673312.01      142.44343  (21020208)
        464545.08   3673312.01      237.45628  (21021208)              464595.08
3673312.01      236.00706  (21021208)
        464645.08   3673312.01      151.22490  (21021208)              464695.08
3673312.01      109.93863  (19022809)
        464745.08   3673312.01      130.79346  (19022809)              464795.08
3673312.01      133.27740  (19022809)
        464845.08   3673312.01      120.67045  (19022809)              464895.08
3673312.01       99.64160  (19022809)
        463895.08   3673362.01      111.32054  (21020208)              463945.08
3673362.01      153.37089  (21020208)
        463995.08   3673362.01      166.78260  (21020208)              464045.08
3673362.01      177.41365  (21020208)
        464095.08   3673362.01      189.24647  (21020208)              464145.08
3673362.01      201.33350  (21020208)
        464195.08   3673362.01      211.21837  (21020208)              464245.08
3673362.01      389.47746  (19022808)
        464295.08   3673362.01      228.56400  (19022808)              464345.08
3673362.01      556.31521  (19120608)
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        464395.08   3673362.01      390.72969  (19120608)                464445.08
3673362.01      186.37464  (19120516)
        464495.08   3673362.01      117.95758  (21020208)                464545.08
3673362.01      165.48559  (21021208)
        464595.08   3673362.01      210.80379  (21021208)                464645.08
3673362.01      179.23976  (21021208)
        464695.08   3673362.01      106.85035  (21021208)                464745.08
3673362.01       99.01399  (19022809)
        464795.08   3673362.01      118.00932  (19022809)                464845.08
3673362.01      123.09294  (19022809)
        464895.08   3673362.01      115.39425  (19022809)                463845.08
3673412.01       99.38398  (21020208)
        463895.08   3673412.01      106.02120  (21020208)                463945.08
3673412.01      148.41052  (21020208)
        463995.08   3673412.01      154.79206  (21020208)                464045.08
3673412.01      165.23231  (21020208)
        464095.08   3673412.01      174.13269  (21020208)                464145.08
3673412.01      182.85685  (21020208)
        464195.08   3673412.01      248.59445  (19022808)                464245.08
3673412.01      348.14028  (19022808)
        464295.08   3673412.01      198.48892  (21020208)                464345.08
3673412.01      497.77102  (19120608)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                  L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                  L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                  L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -
        464395.08   3673412.01      376.52823  (19120608)                464445.08
3673412.01      171.09235  (19120516)
        464495.08   3673412.01      110.25320  (21020208)                464545.08
3673412.01      105.34119  (21021208)
        464595.08   3673412.01      165.37018  (21021208)                464645.08
3673412.01      176.36514  (21021208)
        464695.08   3673412.01      136.58481  (21021208)                464745.08
3673412.01       83.68559  (21010610)
        464795.08   3673412.01       90.13405  (19022809)                464845.08
3673412.01      107.55678  (19022809)
        464895.08   3673412.01      114.11052  (19022809)                463795.08
3673462.01       89.64126  (21020208)
        463845.08   3673462.01       94.44354  (21020208)                463895.08
3673462.01      132.45497  (21020208)
        463945.08   3673462.01      139.32189  (21020208)                463995.08
3673462.01      145.39477  (21020208)
        464045.08   3673462.01      145.38235  (21020208)                464095.08
3673462.01      160.68028  (21020208)
        464145.08   3673462.01      167.12132  (21020208)                464195.08
3673462.01      283.46921  (19022808)
        464245.08   3673462.01      295.81135  (19022808)                464295.08
3673462.01      174.30974  (21020208)
        464345.08   3673462.01      446.33698  (19120608)                464395.08
3673462.01      358.67159  (19120608)
        464445.08   3673462.01      148.12780  (19120516)                464495.08
3673462.01       93.48075  (21020208)
        464545.08   3673462.01       79.29337  (21020208)                464595.08
3673462.01      117.72532  (21021208)
        464645.08   3673462.01      154.07119  (21021208)                464695.08
3673462.01      146.43787  (21021208)
        464745.08   3673462.01      102.23428  (21021208)                464795.08
3673462.01       78.19843  (21010610)
        464845.08   3673462.01       82.72976  (19022809)                464895.08
3673462.01       98.65726  (19022809)
        463795.08   3673512.01       85.53173  (21020208)                463845.08
3673512.01      110.62544  (21020208)
        463895.08   3673512.01      124.22698  (21020208)                463945.08
3673512.01      130.86329  (21020208)
        463995.08   3673512.01      123.99987  (21020208)                464045.08
3673512.01      142.93954  (21020208)
        464095.08   3673512.01      148.54255  (21020208)                464145.08
3673512.01      154.36024  (19022808)
        464195.08   3673512.01      295.20928  (19022808)                464245.08
3673512.01      242.29079  (19022808)
        464295.08   3673512.01      113.95151  (21020208)                464345.08
3673512.01      397.36185  (19120608)
        464395.08   3673512.01      337.84567  (19120608)                464445.08
3673512.01      122.72410  (19120516)
        464495.08   3673512.01       78.92884  (21020208)                464545.08
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3673512.01   63.52672 (21020208)
        464595.08   3673512.01   77.81549 (21021208)   464645.08
3673512.01   122.16421 (21021208)
        464695.08   3673512.01   135.31960 (21021208)   464745.08
3673512.01   114.16060 (21021208)
        464795.08   3673512.01   72.74277 (21021208)   464845.08
3673512.01   73.42081 (21010610)
        464895.08   3673512.01   76.40690 (19022809)   463745.08
3673562.01   78.07478 (21020208)
        463795.08   3673562.01   81.68366 (21020208)   463845.08
3673562.01   93.55091 (21020208)
        463895.08   3673562.01   118.53136 (21020208)   463945.08
3673562.01   103.50856 (21020208)
        463995.08   3673562.01   116.14795 (21020208)   464045.08
3673562.01   133.31869 (21020208)
        464095.08   3673562.01   137.72796 (21020208)   464145.08
3673562.01   194.74910 (19022808)
        464195.08   3673562.01   286.98677 (19022808)   464245.08
3673562.01   192.40458 (19022808)
        464295.08   3673562.01   97.60117 (21020208)   464345.08
3673562.01   359.07619 (19120608)
        464395.08   3673562.01   320.60421 (19120608)   464445.08
3673562.01   98.73190 (19120516)
        464495.08   3673562.01   79.30720 (19120516)   464545.08
3673562.01   58.70334 (21020208)
        464595.08   3673562.01   60.10430 (19040908)   464645.08
3673562.01   88.89523 (21021208)
        464695.08   3673562.01   115.34220 (21021208)   464745.08
3673562.01   113.52482 (21021208)
        464795.08   3673562.01   87.08561 (21021208)   464845.08
3673562.01   67.88802 (21010610)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0000057   , L0000058 , L0000059   , L0000060   , L0000061   ,
                                  L0000062   , L0000063   , L0000064   , L0000065   , L0000066 , L0000067   , L0000068   , L0000069   ,
                                  L0000070   , L0000071   , L0000072   , L0000073   , L0000074 , L0000075   , L0000076   , L0000077   ,
                                  L0000078   , L0000079   , L0000080   , L0000081   , L0000082 , L0000083   , L0000084   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464895.08	3673562.01	69.15216	(21010610)	463745.08	3673612.01	74.73720	(21020208)
463795.08	3673612.01	78.21283	(21020208)	463845.08	3673612.01	82.49259	(21020208)
463895.08	3673612.01	85.07819	(21020208)	463945.08	3673612.01	91.61107	(21020208)
463995.08	3673612.01	119.77159	(21020208)	464045.08	3673612.01	124.56576	(21020208)
464095.08	3673612.01	128.09232	(21020208)	464145.08	3673612.01	223.68854	(19022808)
464195.08	3673612.01	265.13264	(19022808)	464245.08	3673612.01	150.20322	(19022808)
464295.08	3673612.01	83.84251	(21020208)	464345.08	3673612.01	326.80193	(19120608)
464395.08	3673612.01	302.01466	(19120608)	464445.08	3673612.01	78.77929	(20030416)
464495.08	3673612.01	78.88302	(19120516)	464545.08	3673612.01	50.87822	(21020208)
464595.08	3673612.01	47.27597	(19040908)	464645.08	3673612.01	67.72282	(19040908)
464695.08	3673612.01	89.62102	(21021208)	464745.08	3673612.01	102.81735	(21021208)
464795.08	3673612.01	91.16236	(21021208)	464845.08	3673612.01	69.07197	(19040908)
464895.08	3673612.01	64.68237	(21010610)	464945.08	3671912.01	54.81695	(21020208)
465045.08	3671912.01	55.41030	(21020208)	465145.08	3671912.01	62.47166	(21020208)
465245.08	3671912.01	61.54708	(21020208)	465345.08	3671912.01	56.10605	(21020208)
465445.08	3671912.01	45.58242	(21020208)	464845.08	3672012.01	62.07106	(21020208)
464945.08	3672012.01	63.24928	(21020208)	465045.08	3672012.01	66.71271	(21020208)
465145.08	3672012.01	69.90339	(21020208)	465245.08	3672012.01	64.76691	(21020208)
465345.08	3672012.01	40.95866	(21020208)	465445.08	3672012.01	33.94135	(21020208)
464745.08	3672112.01	71.79084	(21020208)	464845.08	3672112.01	75.11869	(21020208)

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        464945.08   3672112.01       74.49328  (21020208)                465045.08
3672112.01       77.87886  (21020208)
        465145.08   3672112.01       75.18993  (21020208)                465245.08
3672112.01       56.25065  (21020208)
        465345.08   3672112.01       39.54855  (21020208)                465445.08
3672112.01       40.08881  (21110510)
        464745.08   3672212.01       87.72920  (21020208)                464845.08
3672212.01       86.18747  (21020208)
        464945.08   3672212.01       89.23150  (21020208)                465045.08
3672212.01       87.05667  (21020208)
        465145.08   3672212.01       79.48714  (21020208)                465245.08
3672212.01       48.84710  (21020208)
        465345.08   3672212.01       50.13307  (21110510)                465445.08
3672212.01       62.35978  (21110510)
        464645.08   3672312.01       96.26631  (21020208)                464745.08
3672312.01      105.88823  (21020208)
        464845.08   3672312.01      109.77990  (21020208)                464945.08
3672312.01      102.38110  (21020208)
        465045.08   3672312.01       93.52770  (21020208)                465145.08
3672312.01       82.22486  (21020208)
        465245.08   3672312.01       62.99176  (21110510)                465345.08
3672312.01       74.19619  (21110510)
        465445.08   3672312.01       76.99157  (21110510)                464945.08
3672412.01      111.35460  (21020208)
        465045.08   3672412.01       98.09800  (21020208)                465145.08
3672412.01       79.02546  (21110510)
        465245.08   3672412.01       86.76846  (21110510)                465345.08
3672412.01       83.14420  (21110510)
        465445.08   3672412.01       72.09201  (21110510)                464945.08
3672512.01      118.79164  (21020208)
        465045.08   3672512.01       98.47348  (21110510)                465145.08
3672512.01       97.48443  (21110510)
        465245.08   3672512.01       84.05322  (21110510)                465345.08
3672512.01       65.89426  (21110510)
        465445.08   3672512.01       51.65161  (20100508)                464945.08
3672612.01      119.19318  (21110510)
        465045.08   3672612.01      101.84079  (21110510)                465145.08
3672612.01       76.29966  (21110510)
        465245.08   3672612.01       56.68035  (20100508)                465345.08
3672612.01       44.54873  (20100508)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE 229
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
```

INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465445.08	3672612.01	40.96313	(21082608)	464945.08	3672712.01	91.41149	(21110510)
465045.08	3672712.01	66.92531	(21020208)	465145.08	3672712.01	51.71903	(21082608)
465245.08	3672712.01	46.76624	(21082608)	465345.08	3672712.01	44.14992	(21110509)
465445.08	3672712.01	46.48424	(21110509)	464945.08	3672812.01	73.26293	(21110509)
465045.08	3672812.01	73.75737	(21110509)	465145.08	3672812.01	73.05826	(21110509)
465245.08	3672812.01	71.71373	(21110509)	465345.08	3672812.01	70.22427	(21110509)
465445.08	3672812.01	67.50685	(21110509)	464945.08	3672912.01	110.52435	(19012108)
465045.08	3672912.01	94.89831	(21110509)	465145.08	3672912.01	86.29043	(21110509)
465245.08	3672912.01	79.53445	(21110509)	465345.08	3672912.01	73.52805	(21110509)
465445.08	3672912.01	67.43758	(21110509)	464945.08	3673012.01	104.29208	(20122808)
465045.08	3673012.01	84.82986	(20122808)	465145.08	3673012.01	65.88931	(21123110)
465245.08	3673012.01	61.51046	(21123110)	465345.08	3673012.01	57.72481	(21123110)
465445.08	3673012.01	54.37536	(21123110)	464945.08	3673112.01	419.03692	(21020108)
465045.08	3673112.01	72.69154	(21092208)	465145.08	3673112.01	55.49235	(21092208)
465245.08	3673112.01	41.80159	(21092208)	465345.08	3673112.01	40.63580	(19040909)
465445.08	3673112.01	40.19885	(19040909)	464945.08			

```
3673212.01      400.38236  (21020108)
        465045.08   3673212.01      182.92694  (21020108)                465145.08
3673212.01       76.67542  (21092208)
        465245.08   3673212.01       70.93491  (21092208)                465345.08
3673212.01       61.99281  (21092208)
        465445.08   3673212.01       52.25075  (21092208)                464945.08
3673312.01       76.72833  (19022809)
        465045.08   3673312.01       46.72889  (21080308)                465145.08
3673312.01       72.62501  (21020108)
        465245.08   3673312.01       99.10390  (21020108)                465345.08
3673312.01       87.29424  (21020108)
        465445.08   3673312.01       60.89166  (21092208)                464945.08
3673412.01      109.71829  (19022809)
        465045.08   3673412.01       81.59366  (19022809)                465145.08
3673412.01       49.65945  (19022809)
        465245.08   3673412.01       39.12020  (21080308)                465345.08
3673412.01       45.00332  (21020108)
        465445.08   3673412.01       49.68060  (21020108)                464945.08
3673512.01       90.89547  (19022809)
        465045.08   3673512.01       98.43075  (19022809)                465145.08
3673512.01       81.55151  (19022809)
        465245.08   3673512.01       56.23463  (19022809)                465345.08
3673512.01       34.52415  (20091809)
        465445.08   3673512.01       33.89127  (21080308)                463645.08
3673612.01       68.85730  (21020208)
        464945.08   3673612.01       65.09203  (21010610)                465045.08
3673612.01       78.32718  (19022809)
        465145.08   3673612.01       88.02123  (19022809)                465245.08
3673612.01       78.96462  (19022809)
        465345.08   3673612.01       59.84021  (19022809)                465445.08
3673612.01       40.03978  (19022809)
        463645.08   3673712.01       63.83136  (21020208)                463745.08
3673712.01       69.47050  (21020208)
        463845.08   3673712.01       74.77089  (21020208)                463945.08
3673712.01      103.80802  (21020208)
        464045.08   3673712.01      109.35209  (21020208)                464145.08
3673712.01      242.69804  (19022808)
        464245.08   3673712.01       88.96079  (19022808)                464345.08
3673712.01      274.49739  (19120608)
        464445.08   3673712.01       65.80333  (19120608)                464545.08
3673712.01       37.48707  (21020208)
        464645.08   3673712.01       44.74246  (19040908)                464745.08
3673712.01       75.38056  (19040908)
        464845.08   3673712.01       82.17928  (21021208)                465145.08
3673712.01       68.86148  (19022809)
        465245.08   3673712.01       79.64881  (19022809)                465345.08
3673712.01       75.44884  (19022809)
        465445.08   3673712.01       61.34165  (19022809)                463745.08
3673812.01       63.03805  (21020208)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0000057   , L0000058 , L0000059   , L0000060   , L0000061   ,
                  L0000062   , L0000063   , L0000064   , L0000065   , L0000066 , L0000067   , L0000068   , L0000069   ,
                  L0000070   , L0000071   , L0000072   , L0000073   , L0000074 , L0000075   , L0000076   , L0000077   ,
                  L0000078   , L0000079   , L0000080   , L0000081   , L0000082 , L0000083   , L0000084   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        463845.08   3673812.01   67.54272 (21020208)   463945.08   3673812.01   93.55104 (21020208)
        464045.08   3673812.01   113.40841 (19022808)   464145.08   3673812.01   219.90232 (19022808)
        464245.08   3673812.01   63.97115 (21020208)   464345.08   3673812.01   236.75471 (19120608)
        464445.08   3673812.01   71.05246 (19120608)   464545.08   3673812.01   41.70850 (19120516)
        464645.08   3673812.01   30.32287 (20050808)   464745.08   3673812.01   56.50974 (19040908)
        465145.08   3673812.01   52.97590 (21010610)   465245.08   3673812.01   61.30905 (19022809)
        465345.08   3673812.01   72.20506 (19022809)   465445.08   3673812.01   71.42613 (19022809)
        463945.08   3673912.01   63.72886 (21020208)   464045.08   3673912.01   158.05243 (19022808)
        464145.08   3673912.01   177.54746 (19022808)   464545.08   3673912.01   40.47269 (19120516)
        464645.08   3673912.01   23.97441 (20050808)   464745.08   3673912.01   40.03020 (19040908)
        465145.08   3673912.01   48.80977 (21010610)   465245.08   3673912.01   48.72526 (21010610)

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        465345.08   3673912.01       55.16073  (19022809)               465445.08
3673912.01       65.85081  (19022809)
        463445.08   3674012.01       45.93191  (21020208)               463545.08
3674012.01       48.37730  (21020208)
        463645.08   3674012.01       50.89116  (21020208)               464145.08
3674012.01      133.28368  (19022808)
        464545.08   3674012.01       34.72661  (19120516)               464645.08
3674012.01       19.78025  (21120110)
        465145.08   3674012.01       45.20167  (19040908)               465245.08
3674012.01       45.96175  (21010610)
        465345.08   3674012.01       45.21915  (21010610)               465445.08
3674012.01       50.02360  (19022809)
        463345.08   3674112.01       41.15051  (21020208)               463445.08
3674112.01       43.17453  (21020208)
        463545.08   3674112.01       45.26564  (21020208)               463645.08
3674112.01       47.35360  (21020208)
        463745.08   3674112.01       49.39801  (21020208)               463845.08
3674112.01       51.32664  (21020208)
        464145.08   3674112.01       92.31349  (19022808)               464545.08
3674112.01       28.54522  (19120516)
        465145.08   3674112.01       52.43520  (19040908)               465245.08
3674112.01       39.14536  (21010610)
        465345.08   3674112.01       43.28513  (21010610)               465445.08
3674112.01       42.10235  (21010610)
        465645.08   3670912.01       24.06813  (21020208)               465845.08
3670912.01       27.66958  (21020208)
        466045.08   3670912.01       27.75286  (21020208)               466245.08
3670912.01       29.77925  (19030108)
        466445.08   3670912.01       25.02959  (21020208)               465645.08
3671112.01       26.34234  (21020209)
        465845.08   3671112.01       26.37120  (21020209)               466045.08
3671112.01       32.55766  (19030108)
        466245.08   3671112.01       28.44329  (21020208)               466445.08
3671112.01       26.29183  (21020208)
        465445.08   3671312.01       31.08610  (21020208)               465645.08
3671312.01       32.29682  (21020208)
        465845.08   3671312.01       33.83101  (19030108)               466045.08
3671312.01       32.82344  (21020208)
        466245.08   3671312.01       30.07367  (21020208)               466445.08
3671312.01       20.95566  (21020208)
        465245.08   3671512.01       41.08681  (21020208)               465445.08
3671512.01       41.55628  (21020208)
        465645.08   3671512.01       38.64838  (19030108)               465845.08
3671512.01       28.94374  (21020208)
        466045.08   3671512.01       28.24834  (21020208)               466245.08
3671512.01       30.93101  (21020208)
        466445.08   3671512.01       33.78597  (21110510)               465045.08
3671712.01       44.93267  (21020208)
        465245.08   3671712.01       52.00160  (21020208)               465445.08
3671712.01       50.12357  (21020208)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465645.08	3671712.01	44.99344	(21020208)	465845.08	3671712.01	33.94700	(21020208)
466045.08	3671712.01	29.79649	(21110510)	466245.08	3671712.01	42.97492	(21110510)
466445.08	3671712.01	47.19214	(21110510)	465645.08	3671912.01	28.20146	(21020208)
465845.08	3671912.01	43.95709	(21110510)	466045.08	3671912.01	48.12567	(21110510)
466245.08	3671912.01	51.32764	(21110510)	466445.08	3671912.01	42.34777	(21110510)
465645.08	3672112.01	60.08601	(21110510)	465845.08	3672112.01	62.79028	(21110510)
466045.08	3672112.01	46.07553	(21110510)	466245.08	3672112.01	33.12664	(21110510)
466445.08	3672112.01	26.27531	(20100508)	465645.08	3672312.01	63.47394	(21110510)
465845.08	3672312.01	42.68862	(20100508)	466045.08	3672312.01	34.28734	(21020208)
466245.08	3672312.01	30.76281	(21020208)	466445.08	3672312.01	30.77963	(21020208)
465645.08	3672512.01	34.34318	(21082608)	465845.08			

3672512.01 32.91261 (21082608)
  466045.08 3672512.01 46.65313 (21020208) 466245.08
3672512.01 41.57244 (21020208)
  466445.08 3672512.01 28.88997 (21020208) 465645.08
3672712.01 47.61575 (21110509)
  465845.08 3672712.01 47.25265 (21110509) 466045.08
3672712.01 44.40730 (21110509)
  466245.08 3672712.01 43.32689 (21110509) 466445.08
3672712.01 35.80384 (21110509)
  465645.08 3672912.01 58.39813 (21110509) 465845.08
3672912.01 51.26939 (21110509)
  466045.08 3672912.01 44.06689 (21110509) 466245.08
3672912.01 41.59666 (21110509)
  466445.08 3672912.01 37.49088 (21020208) 465645.08
3673112.01 37.87335 (19040909)
  465845.08 3673112.01 36.96130 (20122808) 466045.08
3673112.01 33.50202 (21123110)
  466245.08 3673112.01 32.44596 (21123110) 466445.08
3673112.01 31.33284 (21123110)
  465645.08 3673312.01 53.42963 (21092208) 465845.08
3673312.01 41.27051 (21092208)
  466045.08 3673312.01 29.84919 (21092208) 466245.08
3673312.01 21.13948 (19040308)
  466445.08 3673312.01 20.11576 (20073108) 465645.08
3673512.01 29.98813 (21092208)
  465845.08 3673512.01 40.65439 (21092208) 466045.08
3673512.01 44.18212 (21092208)
  466245.08 3673512.01 41.76940 (21092208) 466445.08
3673512.01 36.07801 (21092208)
  465645.08 3673712.01 29.76241 (20091809) 465845.08
3673712.01 27.09893 (21080308)
  466045.08 3673712.01 22.07734 (21080308) 466245.08
3673712.01 26.89131 (21092208)
  466445.08 3673712.01 32.85395 (21092208) 465645.08
3673912.01 60.36340 (19022809)
  465845.08 3673912.01 36.48165 (19022809) 466045.08
3673912.01 23.06263 (20091809)
  466245.08 3673912.01 22.81918 (21080308) 466445.08
3673912.01 19.40074 (21080308)
  465645.08 3674112.01 55.39346 (19022809) 465845.08
3674112.01 56.77063 (19022809)
  466045.08 3674112.01 40.45986 (19022809) 466245.08
3674112.01 23.14465 (20091809)
  466445.08 3674112.01 19.54784 (21080308) 463245.08
3674312.01 35.26194 (21020208)
  463445.08 3674312.01 48.09871 (21020208) 463645.08
3674312.01 41.68155 (21020208)
  463845.08 3674312.01 51.30195 (19022808) 464045.08
3674312.01 136.19860 (19022808)
  465245.08 3674312.01 49.74951 (19040908) 465445.08

3674312.01   36.58883 (21010610)
        465645.08   3674312.01   37.17558 (21010610)   465845.08
3674312.01   47.42398 (19022809)
        466045.08   3674312.01   52.33513 (19022809)   466245.08
3674312.01   42.02448 (19022809)
        466445.08   3674312.01   26.68276 (19022809)   463045.08
3674512.01   29.55147 (21020208)
        463245.08   3674512.01   31.85060 (21020208)   463445.08
3674512.01   44.13931 (21020208)
        463645.08   3674512.01   48.21585 (21020208)   463845.08
3674512.01   97.98826 (19022808)
        464045.08   3674512.01   88.97670 (19022808)   464245.08
3674512.01   19.73580 (21090708)
        465045.08   3674512.01   29.27654 (19040908)   465245.08
3674512.01   47.14073 (19040908)
        465445.08   3674512.01   39.23910 (19040908)   465645.08
3674512.01   34.12033 (21010610)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0000057   , L0000058 , L0000059   , L0000060   , L0000061   ,
                 L0000062   , L0000063   , L0000064   , L0000065   , L0000066 , L0000067   , L0000068   , L0000069   ,
                 L0000070   , L0000071   , L0000072   , L0000073   , L0000074 , L0000075   , L0000076   , L0000077   ,
                 L0000078   , L0000079   , L0000080   , L0000081   , L0000082 , L0000083   , L0000084   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        465845.08   3674512.01   33.16037 (21010610)   466045.08
3674512.01   41.07619 (19022809)
        466245.08   3674512.01   47.77508 (19022809)   466445.08
3674512.01   42.01189 (19022809)

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        463045.08   3674712.01       27.02461  (21020208)               463245.08
3674712.01       29.20206  (21020208)
        463445.08   3674712.01       37.97669  (21020208)               463645.08
3674712.01       42.59717  (21020208)
        463845.08   3674712.01      126.34897  (19022808)               464045.08
3674712.01       49.25327  (19022808)
        464245.08   3674712.01       18.72158  (21090708)               464445.08
3674712.01       78.09523  (19120608)
        465045.08   3674712.01       19.85513  (20050808)               465245.08
3674712.01       37.41217  (19040908)
        465445.08   3674712.01       43.86678  (19040908)               465645.08
3674712.01       30.38323  (19040908)
        465845.08   3674712.01       32.61305  (21020208)               466045.08
3674712.01       30.13871  (21010610)
        466245.08   3674712.01       36.09938  (19022809)               466445.08
3674712.01       43.60207  (19022809)
        463245.08   3674912.01       26.18739  (21020208)               463445.08
3674912.01       36.69155  (21020208)
        463645.08   3674912.01       41.42879  (19022808)               463845.08
3674912.01      125.29890  (19022808)
        464045.08   3674912.01       28.39524  (21093008)               464245.08
3674912.01       40.77705  (21020208)
        464445.08   3674912.01       76.84427  (19120608)               464645.08
3674912.01       20.28040  (21020208)
        463245.08   3675112.01       27.34062  (21020208)               463445.08
3675112.01       29.72159  (21020208)
        463645.08   3675112.01       69.62631  (19022808)               463845.08
3675112.01      103.55115  (19022808)
        464045.08   3675112.01       21.86471  (21093008)               464245.08
3675112.01       16.94714  (21090708)
        464445.08   3675112.01       65.40979  (19120608)               464645.08
3675112.01       16.15449  (21092808)
        464292.03   3673119.21      943.28059  (19022808)               464232.15
3673080.42      561.35678  (21111609)
        464356.24   3672897.49     3642.65363  (20011508)               464419.69
3672940.47     2587.53174  (21122116)
        463237.91   3675184.01       30.33644  (21020208)               462893.02
3674680.48       26.18740  (21020208)
        463465.53   3673914.84       49.37173  (21020208)               463644.87
3673956.22       53.01015  (21020208)
        464058.73   3674252.82      137.21223  (19022808)               464334.64
3674521.83       91.82706  (19120608)
        464479.49   3674687.38       55.30226  (19120608)               464707.11
3674887.41       31.58840  (21020208)
        464700.21   3675011.57       17.30716  (21092808)               464782.99
3675170.21       33.75968  (21020208)
        466486.71   3675163.32       21.81086  (21010610)               466486.71
3674846.02       38.30893  (19022809)
        465638.30   3674846.02       35.84276  (19040908)               465134.77
3674859.82       19.16782  (20050808)
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        464969.22   3674783.94       40.49751  (21020208)                464776.09
3674597.71       38.46159  (21020208)
        464872.66   3674542.53       48.92297  (21020208)                465093.38
3674314.90       50.66926  (19040908)
        465079.59   3673597.54       87.25183  (19022809)                464824.37
3673728.60       80.74369  (21021208)
        464810.58   3673901.04       54.98423  (19040908)                464769.19
3673949.33       39.87323  (19040908)
        464651.93   3674025.20       33.81049  (21020208)                464520.87
3674245.93       50.16402  (21020208)
        464479.49   3674287.31       54.47151  (19120608)                464424.31
3674252.82      119.85312  (19120608)
        464520.87   3673942.43       40.14227  (19120516)                464472.59
3673873.45       38.29282  (19120609)
        464231.17   3673825.17       68.49729  (19022808)                464210.48
3674094.18       46.06610  (21020208)
        464141.50   3674170.05       80.67793  (19022808)                464100.12
3674045.89      172.93934  (19022808)
        463555.20   3673701.01       60.19413  (21020208)                463658.89
3673554.59       72.74114  (21020208)
        463703.94   3673572.22       74.65099  (21020208)                464021.28
3673125.61      330.87289  (21012908)
        464121.18   3672996.32      947.42645  (21120908)                464107.47
3672978.69     1629.66766  (21120908)
        464528.62   3672406.71      118.78912  (21020208)                465611.07
3670894.31       24.05623  (21020208)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0000057    , L0000058
, L0000059    , L0000060    , L0000061    ,
                  L0000062    , L0000063    , L0000064    , L0000065    , L0000066
, L0000067    , L0000068    , L0000069    ,
                  L0000070    , L0000071    , L0000072    , L0000073    , L0000074
, L0000075    , L0000076    , L0000077    ,
                  L0000078    , L0000079    , L0000080    , L0000081    , L0000082
, L0000083    , L0000084    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
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      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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        464265.08   3672952.01     4460.57523  (21120908)                464285.08
3672952.01     4674.53810  (21120908)
        464305.08   3672952.01     4942.23025  (21120908)                464245.08
3672972.01     3992.16894  (21120908)
        464265.08   3672972.01     4322.53824  (21120908)                464285.08
3672972.01     4687.65478  (21120908)
        464305.08   3672972.01     5187.72339  (21120908)                464405.08
3672972.01     3326.72879  (21020108)
        464245.08   3672992.01     3752.71619  (21010608)                464265.08
3672992.01     4177.12927  (20011508)
        464285.08   3672992.01     3980.71225  (20011508)                464385.08
3672992.01     3279.39458  (21020108)
        464405.08   3672992.01     3144.42303  (21020108)                464245.08
3673012.01     3797.29157  (21010608)
        464265.08   3673012.01     4254.68265  (20011508)                464385.08
3673012.01     2332.25583  (21020208)
        464405.08   3673012.01     2193.31016  (21020108)                464245.08
3673032.01     4075.57809  (21120908)
        464365.08   3673032.01     2383.23276  (21020208)                464385.08
3673032.01     2031.19690  (21020208)
        464405.08   3673032.01     1751.11728  (21020208)                464245.08
3673052.01     4574.62184  (21120908)
        464345.08   3673052.01     3001.05308  (21020108)                464365.08
3673052.01     2652.17154  (21020108)
        464385.08   3673052.01     2142.55882  (21020108)                464405.08
3673052.01     1757.63351  (21020108)
        464345.08   3673072.01     2958.26275  (21020108)                464365.08
3673072.01     2812.57085  (21020108)
        464385.08   3673072.01     2644.88359  (21020108)                464405.08
3673072.01     2403.08422  (21020108)
        464245.08   3673092.01     2812.76600  (21111609)                464325.08
3673092.01     2586.78091  (21020108)
        464345.08   3673092.01     2645.42707  (21020108)                464365.08
3673092.01     2641.03218  (21020108)
        464385.08   3673092.01     2606.94410  (21020108)                464405.08
3673092.01     2543.03138  (21020108)
        464305.08   3672712.01      926.48127  (21122108)                464325.08
3672712.01      681.63980  (21121708)
        464345.08   3672712.01      462.51294  (21020208)                464365.08
3672712.01      462.14522  (21020208)
        464385.08   3672712.01      549.76774  (21020208)                464405.08
3672712.01      554.72300  (21020208)
        464425.08   3672712.01      546.77424  (21020208)                464445.08
3672712.01      535.14742  (21020208)
        464465.08   3672712.01      525.86474  (21020208)                464485.08
3672712.01      515.18334  (21020208)
        464505.08   3672712.01      508.30949  (21020208)                464525.08
3672712.01      502.59442  (21020208)
        464545.08   3672712.01      492.75607  (21020208)                464565.08
3672712.01      475.58683  (21020208)
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464585.08	3672712.01	458.45163	(21020208)	464605.08	3672712.01	440.93031	(21020208)
464305.08	3672732.01	1158.83234	(20011508)	464325.08	3672732.01	767.56346	(21121708)
464345.08	3672732.01	513.97029	(21121708)	464365.08	3672732.01	527.81333	(21020208)
464385.08	3672732.01	597.12065	(21020208)	464405.08	3672732.01	599.84819	(21020208)
464425.08	3672732.01	591.96245	(21020208)	464445.08	3672732.01	578.02152	(21020208)
464465.08	3672732.01	563.78630	(21020208)	464485.08	3672732.01	559.90921	(21020208)
464505.08	3672732.01	552.79177	(21020208)	464525.08	3672732.01	537.09265	(21020208)
464545.08	3672732.01	517.15740	(21020208)	464565.08	3672732.01	496.94847	(21020208)
464585.08	3672732.01	477.21640	(21020208)	464605.08	3672732.01	457.80942	(21020208)
464285.08	3672752.01	2230.72316	(20011508)	464305.08	3672752.01	1507.79195	(20011508)
464325.08	3672752.01	864.73237	(21121708)	464345.08			

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3672752.01      603.11187  (21121708)
        464365.08   3672752.01      627.44704  (21020208)                464385.08
3672752.01      646.55814  (21020208)
        464405.08   3672752.01      645.47806  (21020208)                464425.08
3672752.01      639.84830  (21020208)
        464445.08   3672752.01      627.14721  (21020208)                464465.08
3672752.01      610.76799  (21020208)
        464485.08   3672752.01      605.25489  (21020208)                464505.08
3672752.01      589.83106  (21020208)
        464525.08   3672752.01      566.44865  (21020208)                464545.08
3672752.01      542.49538  (21020208)
        464565.08   3672752.01      519.29987  (21020208)                464585.08
3672752.01      496.89478  (21020208)
        464605.08   3672752.01      475.32473  (21020208)                464265.08
3672772.01     2658.34879  (20011508)
        464285.08   3672772.01     2549.45144  (20011508)                464305.08
3672772.01     1916.39866  (20011508)
        464325.08   3672772.01     1062.39639  (20011508)                464345.08
3672772.01      743.59642  (21121708)
        464365.08   3672772.01      710.31326  (21020208)                464385.08
3672772.01      703.31486  (21020208)
        464405.08   3672772.01      697.20009  (21020208)                464425.08
3672772.01      692.89909  (21020208)
        464445.08   3672772.01      682.46279  (21020208)                464465.08
3672772.01      664.86380  (21020208)
        464485.08   3672772.01      650.84073  (21020208)                464505.08
3672772.01      626.19790  (21020208)
        464525.08   3672772.01      597.34300  (21020208)                464545.08
3672772.01      569.32345  (21020208)
        464565.08   3672772.01      542.59528  (21020208)                464585.08
3672772.01      517.28985  (21020208)
        464605.08   3672772.01      493.23913  (21020208)                464245.08
3672792.01     2235.12223  (21010608)
        464265.08   3672792.01     2622.31932  (20011508)                464285.08
3672792.01     2779.65821  (20011508)
        464305.08   3672792.01     2351.49190  (20011508)                464325.08
3672792.01     1484.99739  (20011508)
        464345.08   3672792.01      933.21139  (21121708)                464365.08
3672792.01      792.16004  (21020208)
        464385.08   3672792.01      798.36597  (21020208)                464405.08
3672792.01      775.82283  (21020208)
        464425.08   3672792.01      753.87133  (21020208)                464445.08
3672792.01      734.68488  (21020208)
        464465.08   3672792.01      720.13120  (21020208)                464485.08
3672792.01      698.76212  (21020208)
        464505.08   3672792.01      664.87848  (21020208)                464525.08
3672792.01      630.30297  (21020208)
        464545.08   3672792.01      597.52770  (21020208)                464565.08
3672792.01      566.81877  (21020208)
        464585.08   3672792.01      538.03553  (21020208)                464605.08
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3672792.01   510.89150 (21020208)
        464245.08   3672812.01   2577.70200 (21010608)   464265.08
3672812.01   2469.92715 (20011508)
        464285.08   3672812.01   2874.22695 (20011508)   464305.08
3672812.01   2761.30171 (20011508)
        464325.08   3672812.01   2123.14743 (20011508)   464345.08
3672812.01   1143.27613 (21121708)
        464365.08   3672812.01   901.09867 (21020208)   464385.08
3672812.01   903.24000 (21020208)
        464405.08   3672812.01   936.24490 (21110208)   464425.08
3672812.01   839.31358 (21020208)
        464445.08   3672812.01   809.98129 (21020208)   464465.08
3672812.01   784.41951 (21020208)
        464485.08   3672812.01   761.65627 (19030108)   464505.08
3672812.01   706.43154 (21020208)
        464525.08   3672812.01   665.09113 (21020208)   464545.08
3672812.01   626.79574 (21020208)
        464565.08   3672812.01   591.50068 (21020208)   464585.08
3672812.01   558.81926 (21020208)
        464605.08   3672812.01   528.41467 (21020208)   464225.08
3672832.01   2344.03554 (21010608)
        464245.08   3672832.01   2673.20188 (21010608)   464265.08
3672832.01   2680.70706 (21010608)
        464285.08   3672832.01   2814.54185 (20011508)   464305.08
3672832.01   3470.94164 (20011508)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                 L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                 L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                 L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464325.08	3672832.01	3061.65826	(20011508)	464345.08	3672832.01	1664.96689	(20011508)
464365.08	3672832.01	1046.03237	(21020208)	464385.08	3672832.01	1088.38153	(21110208)
464405.08	3672832.01	1135.22911	(21110208)	464425.08	3672832.01	953.11170	(21020208)
464445.08	3672832.01	910.07480	(21020208)	464465.08	3672832.01	937.14873	(19030108)
464485.08	3672832.01	832.17770	(19030108)	464505.08	3672832.01	750.63730	(21020208)
464525.08	3672832.01	701.25504	(21020208)	464545.08	3672832.01	656.66835	(21020208)
464565.08	3672832.01	616.21855	(21020208)	464585.08	3672832.01	579.28530	(21020208)
464605.08	3672832.01	545.49429	(21020208)	464205.08	3672852.01	2339.32859	(20011508)
464225.08	3672852.01	2110.42313	(20011508)	464245.08	3672852.01	2501.54882	(21010608)
464265.08	3672852.01	2828.64947	(21010608)	464285.08	3672852.01	2890.86061	(21010608)
464305.08	3672852.01	3776.53410	(20011508)	464325.08	3672852.01	3709.47431	(20011508)
464345.08	3672852.01	2412.87472	(20011508)	464365.08	3672852.01	1326.39264	(19030109)
464385.08	3672852.01	1445.99744	(21110208)	464405.08	3672852.01	1365.08358	(21110208)
464425.08	3672852.01	1124.84285	(19123016)	464445.08	3672852.01	1191.18852	(19030108)
464465.08	3672852.01	1048.48765	(19030108)	464485.08	3672852.01	862.79444	(21020208)
464505.08	3672852.01	796.78508	(21020208)	464525.08	3672852.01	738.27635	(21020208)
464545.08	3672852.01	686.58482	(21020208)	464565.08	3672852.01	640.68335	(21020208)
464585.08	3672852.01	599.28697	(21020208)	464605.08	3672852.01	561.65703	(21020208)
464205.08	3672872.01	2459.79411	(19122408)	464225.08	3672872.01	2341.40496	(19122408)
464245.08	3672872.01	2102.93747	(21010608)	464265.08	3672872.01	2722.73088	(21010608)
464285.08	3672872.01	3694.31360	(21010608)	464305.08	3672872.01	3863.52603	(20011508)
464325.08	3672872.01	4173.32739	(20011508)	464345.08	3672872.01	3344.97697	(20011508)
464365.08	3672872.01	1772.34250	(19030109)	464385.08	3672872.01	1957.23866	(21110208)

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        464405.08   3672872.01     1595.20995  (19123016)                464425.08
3672872.01     1581.18208  (19030108)
        464445.08   3672872.01     1382.57321  (19030108)                464465.08
3672872.01     1017.28481  (21020208)
        464485.08   3672872.01      923.40636  (21020208)                464505.08
3672872.01      843.22098  (21020208)
        464525.08   3672872.01      774.55151  (21020208)                464545.08
3672872.01      715.33043  (21020208)
        464565.08   3672872.01      663.63606  (21020208)                464585.08
3672872.01      617.50334  (21020208)
        464605.08   3672872.01      575.47954  (21020208)                464185.08
3672892.01     2242.47167  (19122408)
        464205.08   3672892.01     2499.67294  (19122408)                464225.08
3672892.01     2634.38184  (19122408)
        464245.08   3672892.01     2661.52561  (19122408)                464265.08
3672892.01     3070.60092  (19122408)
        464285.08   3672892.01     3674.23268  (21010608)                464305.08
3672892.01     4001.80223  (21010608)
        464325.08   3672892.01     4425.11049  (20011508)                464345.08
3672892.01     4220.70540  (20011508)
        464365.08   3672892.01     2462.17198  (20011508)                464385.08
3672892.01     2599.25269  (21110208)
        464405.08   3672892.01     2174.45285  (19030108)                464425.08
3672892.01     1927.95737  (19030108)
        464445.08   3672892.01     1307.74046  (19122016)                464465.08
3672892.01     1100.60249  (21020208)
        464485.08   3672892.01      983.20243  (21020208)                464505.08
3672892.01      887.60734  (21020208)
        464525.08   3672892.01      808.42550  (21020208)                464545.08
3672892.01      741.69225  (21020208)
        464565.08   3672892.01      683.98928  (21020208)                464585.08
3672892.01      632.84239  (21020208)
        464605.08   3672892.01      585.46375  (21020208)                464165.08
3672912.01     2293.47892  (21010608)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***       09:22:45

                                  PAGE 237
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
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                 L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        464185.08   3672912.01     2365.92134  (21010608)               464205.08
3672912.01     2217.50967  (20011508)
        464225.08   3672912.01     2671.57810  (20011508)               464425.08
3672912.01     2046.08034  (19122016)
        464445.08   3672912.01     1589.54240  (21122216)               464465.08
3672912.01     1212.96343  (21122116)
        464485.08   3672912.01     1037.33851  (21020208)               464505.08
3672912.01      926.86491  (21020208)
        464525.08   3672912.01      837.71279  (21020208)               464545.08
3672912.01      762.35151  (21020208)
        464565.08   3672912.01      692.94448  (21020208)               464585.08
3672912.01      639.02784  (21020208)
        464605.08   3672912.01      591.32791  (21020208)               464145.08
3672932.01     2451.16590  (21120908)
        464165.08   3672932.01     2502.56967  (21120908)               464185.08
3672932.01     2552.35823  (21120908)
        464205.08   3672932.01     2601.11644  (21120908)               464225.08
3672932.01     2858.47134  (21120908)
        464425.08   3672932.01     2471.60399  (21122116)               464445.08
3672932.01     1945.52544  (21122116)
        464465.08   3672932.01     1493.55433  (21122116)               464485.08
3672932.01     1152.33136  (21122116)
        464505.08   3672932.01      957.63806  (21020208)               464525.08
3672932.01      860.18405  (21020208)
        464545.08   3672932.01      774.10644  (21020208)               464565.08
3672932.01      628.46705  (21020208)
        464585.08   3672932.01      639.01614  (21020208)               464605.08
3672932.01      561.66597  (21020208)
        464145.08   3672952.01     2726.46529  (21120908)               464165.08
3672952.01     2842.77125  (21120908)
        464185.08   3672952.01     2969.15252  (21120908)               464205.08
3672952.01     3106.79725  (21120908)
        464225.08   3672952.01     3632.27090  (21120908)               464425.08
3672952.01     2640.66710  (21020108)
        464445.08   3672952.01     2002.54541  (21020108)               464465.08
3672952.01     1476.82559  (21020108)
        464485.08   3672952.01     1105.96601  (21020208)               464505.08
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3672952.01   977.13107 (21020208)
        464525.08   3672952.01   873.44563 (21020208)   464545.08
3672952.01   771.97451 (21020208)
        464565.08   3672952.01   567.72707 (21020208)   464585.08
3672952.01   630.91263 (21020208)
        464605.08   3672952.01   468.67862 (21020208)   464125.08
3672972.01   2291.24705 (21120908)
        464145.08   3672972.01   2354.68219 (21120908)   464165.08
3672972.01   2436.97207 (21120908)
        464185.08   3672972.01   2543.84434 (21120908)   464205.08
3672972.01   2800.86952 (21120908)
        464225.08   3672972.01   3479.08018 (21120908)   464425.08
3672972.01   3063.96162 (21020108)
        464445.08   3672972.01   2798.69985 (21020108)   464465.08
3672972.01   2448.33748 (21020108)
        464485.08   3672972.01   2042.64236 (21020108)   464505.08
3672972.01   1652.48612 (21020108)
        464525.08   3672972.01   1316.80290 (21020108)   464545.08
3672972.01   1038.55191 (21020108)
        464565.08   3672972.01   825.51990 (21020108)   464585.08
3672972.01   662.48125 (21020108)
        464605.08   3672972.01   499.62699 (21020208)   464125.08
3672992.01   1940.49209 (21120908)
        464145.08   3672992.01   2207.73967 (19122408)   464165.08
3672992.01   2377.46726 (19122408)
        464185.08   3672992.01   2417.39200 (19122408)   464205.08
3672992.01   2931.81090 (19122408)
        464225.08   3672992.01   3523.69020 (21010608)   464425.08
3672992.01   3028.33669 (21020108)
        464445.08   3672992.01   2921.04626 (21020108)   464465.08
3672992.01   2794.36941 (21020108)
        464485.08   3672992.01   2611.61652 (21020108)   464505.08
3672992.01   2362.73322 (21020108)
        464525.08   3672992.01   2066.76851 (21020108)   464545.08
3672992.01   1755.94795 (21020108)
        464565.08   3672992.01   1463.70989 (21020108)   464585.08
3672992.01   1201.09917 (21020108)
        464605.08   3672992.01   960.24293 (21020108)   464125.08
3673012.01   2116.35749 (21120908)
        464145.08   3673012.01   2090.42559 (21120908)   464165.08
3673012.01   2096.42877 (19122408)
        464185.08   3673012.01   2711.81991 (19122408)   464205.08
3673012.01   3309.86197 (19122408)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464225.08	3673012.01	3337.96940	(19122408)	464425.08	3673012.01	2427.59909	(21020108)
464445.08	3673012.01	2557.14167	(21020108)	464465.08	3673012.01	2617.31097	(21020108)
464485.08	3673012.01	2623.21085	(21020108)	464505.08	3673012.01	2571.30456	(21020108)
464525.08	3673012.01	2449.47513	(21020108)	464545.08	3673012.01	2262.06906	(21020108)
464565.08	3673012.01	2027.50451	(21020108)	464585.08	3673012.01	1817.45774	(21020108)
464605.08	3673012.01	1601.68877	(21020108)	464105.08	3673032.01	2509.49395	(21120908)
464125.08	3673032.01	2563.93719	(21120908)	464145.08	3673032.01	2621.01323	(21120908)
464165.08	3673032.01	2761.40515	(21120908)	464185.08	3673032.01	3290.95248	(21120908)
464205.08	3673032.01	3589.85189	(21120908)	464225.08	3673032.01	3800.71858	(21120908)
464425.08	3673032.01	1516.43559	(21020208)	464445.08	3673032.01	1734.16533	(21020108)
464465.08	3673032.01	1972.54731	(21020108)	464485.08	3673032.01	2158.67191	(21020108)
464505.08	3673032.01	2283.42673	(21020108)	464525.08	3673032.01	2340.48115	(21020108)
464545.08	3673032.01	2324.58463	(21020108)	464565.08	3673032.01	2326.99485	(21020108)
464585.08	3673032.01	2386.93001	(21020108)	464605.08	3673032.01	2180.76596	(21020108)

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        464085.08   3673052.01     2356.67595  (21120908)                464105.08
3673052.01     2472.21270  (21120908)
        464125.08   3673052.01     2598.23116  (21120908)                464145.08
3673052.01     2848.14972  (21120908)
        464165.08   3673052.01     3422.61950  (21120908)                464185.08
3673052.01     3652.97209  (21120908)
        464205.08   3673052.01     3886.72470  (21120908)                464225.08
3673052.01     4178.59704  (21120908)
        464425.08   3673052.01     1473.95075  (21020108)                464445.08
3673052.01     1383.38708  (21020108)
        464465.08   3673052.01     1444.98798  (21020108)                464485.08
3673052.01     1589.48077  (21020108)
        464505.08   3673052.01     1757.11856  (21020108)                464525.08
3673052.01     1907.60859  (21020108)
        464545.08   3673052.01     2011.87040  (21020108)                464565.08
3673052.01     2268.81580  (21020108)
        464585.08   3673052.01     2287.77214  (21020108)                464605.08
3673052.01     2236.14663  (21020108)
        464065.08   3673072.01     1591.90661  (21120908)                464085.08
3673072.01     1664.47077  (21120908)
        464105.08   3673072.01     1747.09213  (21120908)                464125.08
3673072.01     1870.90939  (21120908)
        464145.08   3673072.01     2262.66187  (21120908)                464165.08
3673072.01     2761.39092  (21120908)
        464185.08   3673072.01     3001.56019  (21120908)                464205.08
3673072.01     3156.17793  (21120908)
        464225.08   3673072.01     3478.32247  (21120908)                464425.08
3673072.01     2102.06324  (21020108)
        464445.08   3673072.01     1812.87973  (21020108)                464465.08
3673072.01     1603.36949  (21020108)
        464485.08   3673072.01     1501.56585  (21020108)                464505.08
3673072.01     1496.76873  (21020108)
        464525.08   3673072.01     1556.56925  (21020108)                464545.08
3673072.01     1638.32352  (21020108)
        464565.08   3673072.01     1700.03196  (21020108)                464585.08
3673072.01     1832.20027  (21020108)
        464605.08   3673072.01     1931.32191  (21020108)                464065.08
3673092.01      828.17308  (21120908)
        464085.08   3673092.01      837.39849  (21120908)                464105.08
3673092.01      846.45526  (21120908)
        464125.08   3673092.01     1005.18920  (21012908)                464145.08
3673092.01     1216.84608  (21012908)
        464165.08   3673092.01     1403.68683  (21012908)                464185.08
3673092.01     1599.25883  (21012908)
        464205.08   3673092.01     1750.68456  (21012908)                464225.08
3673092.01     2281.74704  (21111609)
        464425.08   3673092.01     2430.10915  (21020108)                464445.08
3673092.01     2259.42946  (21020108)
        464465.08   3673092.01     2051.45518  (21020108)                464485.08
3673092.01     1847.50969  (21020108)
```

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        464545.08   3673092.01   1446.26778 (21020108)   464565.08
3673092.01   1385.20662 (21020108)
        464585.08   3673092.01   1437.59560 (21020108)   464605.08
3673092.01   1531.68587 (21020108)
        464045.08   3673112.01   601.42560 (21012908)   464065.08
3673112.01   677.55368 (21012908)
        464085.08   3673112.01   762.47925 (21012908)   464105.08
3673112.01   876.30561 (21012908)
        464125.08   3673112.01   1141.25912 (21012908)   464145.08
3673112.01   1296.70149 (21012908)
        464165.08   3673112.01   1378.90110 (21012908)   464185.08
3673112.01   1376.72229 (21012908)
        464205.08   3673112.01   1687.62783 (21111609)   464225.08
3673112.01   1885.65598 (21111609)
        464245.08   3673112.01   1926.37148 (20012110)   464265.08
3673112.01   3560.34765 (19022808)
        464305.08   3673112.01   2074.86494 (19022808)   464325.08
3673112.01   1735.09234 (21020208)
        464345.08   3673112.01   1577.04953 (21020208)   464365.08

3673112.01 1892.17886 (21020108)
464385.08 3673112.01 2101.17177 (21020108) 464405.08
3673112.01 2227.11378 (21020108)
464425.08 3673112.01 2289.30818 (21020108) 464445.08
3673112.01 2291.81049 (21020108)
464465.08 3673112.01 2234.13018 (21020108) 464485.08
3673112.01 2124.22585 (21020108)
464505.08 3673112.01 1977.77585 (21020108) 464525.08
3673112.01 1823.44822 (21020108)
464545.08 3673112.01 1721.31253 (21020108) 464565.08
3673112.01 1540.19279 (21020108)
464585.08 3673112.01 1426.59933 (21020108) 464605.08
3673112.01 1386.96400 (21020108)
464045.08 3673132.01 679.24681 (21012908) 464065.08
3673132.01 742.43444 (21012908)
464085.08 3673132.01 831.29805 (21012908) 464105.08
3673132.01 980.14514 (21012908)
464125.08 3673132.01 1060.54972 (21012908) 464145.08
3673132.01 1077.75786 (21012908)
464165.08 3673132.01 1019.00862 (21111609) 464185.08
3673132.01 1247.50713 (21111609)
464205.08 3673132.01 1257.62313 (21111609) 464225.08
3673132.01 1359.50648 (20012110)
464245.08 3673132.01 1621.53894 (19022808) 464265.08
3673132.01 3102.92539 (19022808)
464285.08 3673132.01 2586.37211 (19022808) 464305.08
3673132.01 1637.35978 (19022808)
464325.08 3673132.01 1446.58663 (21020208) 464345.08
3673132.01 1357.42036 (21020208)
464365.08 3673132.01 1358.23539 (19120608) 464385.08
3673132.01 1216.70099 (21020108)
464405.08 3673132.01 1490.79399 (21020108) 464425.08
3673132.01 1716.94542 (21020108)
464445.08 3673132.01 1884.59568 (21020108) 464465.08
3673132.01 1991.57972 (21020108)
464485.08 3673132.01 2034.22443 (21020108) 464505.08
3673132.01 2010.18056 (21020108)
464525.08 3673132.01 2100.52300 (21020108) 464545.08
3673132.01 2032.15284 (21020108)
464565.08 3673132.01 1858.21937 (21020108) 464585.08
3673132.01 1690.61161 (21020108)
464605.08 3673132.01 1553.90896 (21020108) 464045.08
3673152.01 690.62802 (21012908)
464065.08 3673152.01 743.40433 (21012908) 464085.08
3673152.01 808.37179 (21012908)
464105.08 3673152.01 858.71599 (21012908) 464125.08
3673152.01 791.97691 (21012908)
464145.08 3673152.01 842.13637 (21111609) 464165.08
3673152.01 940.42543 (21111609)
464185.08 3673152.01 906.04730 (21020208) 464205.08

3673152.01   1004.76534 (21020208)
        464225.08   3673152.01   1106.40121 (20012110)   464245.08
3673152.01   1745.36098 (19022808)
        464265.08   3673152.01   2548.42166 (19022808)   464285.08
3673152.01   1999.61293 (19022808)
        464305.08   3673152.01   1368.41154 (19120608)   464325.08
3673152.01   1235.97091 (21020208)
        464345.08   3673152.01   1183.48426 (21020208)   464365.08
3673152.01   1267.86837 (19120608)
        464385.08   3673152.01   1057.63330 (21020208)   464405.08
3673152.01   993.65373 (21020208)

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121
, L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129
, L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137
, L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145
, L0000146   , L0000147   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        464425.08   3673152.01   1005.07323 (21020108)   464445.08
3673152.01   1231.33893 (21020108)
        464465.08   3673152.01   1434.99377 (21020108)   464485.08
3673152.01   1591.07047 (21020108)
        464505.08   3673152.01   1709.39223 (21020108)   464525.08
3673152.01   1960.63825 (21020108)
        464545.08   3673152.01   1975.33323 (21020108)   464565.08
3673152.01   1941.99317 (21020108)
        464585.08   3673152.01   1868.41425 (21020108)   464605.08
3673152.01   1769.81434 (21020108)

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        464045.08   3673172.01      621.53671  (21012908)              464065.08
3673172.01      667.63105  (21012908)
        464085.08   3673172.01      672.50783  (21012908)              464105.08
3673172.01      602.65833  (21111609)
        464125.08   3673172.01      700.56007  (21111609)              464145.08
3673172.01      730.14293  (21111609)
        464165.08   3673172.01      753.35718  (21020208)              464185.08
3673172.01      830.53724  (21020208)
        464205.08   3673172.01      913.30252  (21020208)              464225.08
3673172.01      972.54027  (21020208)
        464245.08   3673172.01     1718.04574  (19022808)              464265.08
3673172.01     2086.74471  (19022808)
        464285.08   3673172.01     1600.73535  (19022808)              464305.08
3673172.01     1313.94046  (19120608)
        464325.08   3673172.01     1078.05913  (21020208)              464345.08
3673172.01     1109.62087  (19120608)
        464365.08   3673172.01     1182.53980  (19120608)              464385.08
3673172.01      957.36081  (21020208)
        464405.08   3673172.01      908.46435  (21020208)              464425.08
3673172.01      859.35681  (21020208)
        464445.08   3673172.01      810.67098  (21020208)              464465.08
3673172.01      854.18671  (21020108)
        464485.08   3673172.01      956.32643  (21020108)              464505.08
3673172.01     1179.08671  (21020108)
        464525.08   3673172.01     1385.78685  (21020108)              464545.08
3673172.01     1536.45960  (21020108)
        464565.08   3673172.01     1661.80294  (21020108)              464585.08
3673172.01     1735.50915  (21020108)
        464605.08   3673172.01     1757.83921  (21020108)              464045.08
3673192.01      529.37139  (21012908)
        464065.08   3673192.01      507.85594  (21012908)              464085.08
3673192.01      552.84931  (21020208)
        464105.08   3673192.01      586.65288  (21111609)              464125.08
3673192.01      623.84589  (21020208)
        464145.08   3673192.01      660.60318  (21020208)              464165.08
3673192.01      708.14054  (21020208)
        464185.08   3673192.01      767.72696  (21020208)              464205.08
3673192.01      828.06103  (21020208)
        464225.08   3673192.01      896.90292  (19022808)              464245.08
3673192.01     1613.32172  (19022808)
        464265.08   3673192.01     1729.39880  (19022808)              464285.08
3673192.01     1438.72817  (19120608)
        464305.08   3673192.01     1264.33049  (19120608)              464325.08
3673192.01      955.83372  (21020208)
        464345.08   3673192.01     1048.51251  (19120608)              464365.08
3673192.01     1104.34049  (19120608)
        464385.08   3673192.01      871.24074  (21020208)              464405.08
3673192.01      833.69910  (21020208)
        464425.08   3673192.01      794.58767  (21020208)              464445.08
3673192.01      754.18962  (21020208)
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        464465.08   3673192.01      710.07761  (21020208)                464485.08
3673192.01      455.21279  (21021208)
        464505.08   3673192.01      571.36060  (21020108)                464525.08
3673192.01      765.20210  (21020108)
        464545.08   3673192.01      962.21672  (21020108)                464565.08
3673192.01     1163.69022  (21020108)
        464585.08   3673192.01     1326.16874  (21020108)                464605.08
3673192.01     1458.54886  (21020108)
        464045.08   3673212.01      412.16204  (21020208)                464065.08
3673212.01      483.14858  (21020208)
        464085.08   3673212.01      532.59541  (21020208)                464105.08
3673212.01      547.54108  (21020208)
        464125.08   3673212.01      587.55560  (21020208)                464145.08
3673212.01      621.61949  (21020208)
        464165.08   3673212.01      665.81923  (21020208)                464185.08
3673212.01      720.10698  (21020208)
        464205.08   3673212.01      764.78594  (21020208)                464225.08
3673212.01      978.26908  (19022808)
        464245.08   3673212.01     1475.35550  (19022808)                464265.08
3673212.01     1449.94650  (19022808)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        464285.08   3673212.01     1332.28320  (19120608)                464305.08
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3673212.01 1212.28661 (19120608)
464325.08 3673212.01 920.47818 (19120608) 464345.08
3673212.01 995.57902 (19120608)
464365.08 3673212.01 1032.91047 (19120608) 464385.08
3673212.01 797.22683 (21020208)
464405.08 3673212.01 768.06917 (21020208) 464425.08
3673212.01 736.47568 (21020208)
464445.08 3673212.01 702.36682 (21020208) 464465.08
3673212.01 663.92240 (21020208)
464485.08 3673212.01 435.95510 (21021208) 464505.08
3673212.01 415.71966 (21021208)
464525.08 3673212.01 376.70336 (21021208) 464545.08
3673212.01 477.22164 (21020108)
464565.08 3673212.01 640.69759 (21020108) 464585.08
3673212.01 804.07165 (21020108)
464605.08 3673212.01 971.17266 (21020108) 464045.08
3673232.01 428.35116 (21020208)
464065.08 3673232.01 459.06604 (21020208) 464085.08
3673232.01 499.13758 (21020208)
464105.08 3673232.01 530.10644 (21020208) 464125.08
3673232.01 552.42150 (21020208)
464145.08 3673232.01 582.63491 (21020208) 464165.08
3673232.01 627.25961 (21020208)
464185.08 3673232.01 677.73833 (21020208) 464205.08
3673232.01 707.46105 (21020208)
464225.08 3673232.01 1008.64947 (19022808) 464245.08
3673232.01 1329.23824 (19022808)
464265.08 3673232.01 1229.03400 (19022808) 464285.08
3673232.01 1233.10255 (19120608)
464305.08 3673232.01 1159.03441 (19120608) 464325.08
3673232.01 907.64839 (19120608)
464345.08 3673232.01 949.64914 (19120608) 464365.08
3673232.01 968.12081 (19120608)
464385.08 3673232.01 733.42875 (21020208) 464405.08
3673232.01 710.31866 (21020208)
464425.08 3673232.01 684.24347 (21020208) 464445.08
3673232.01 654.73424 (21020208)
464465.08 3673232.01 620.35237 (21020208) 464485.08
3673232.01 422.87118 (21021208)
464505.08 3673232.01 407.04026 (21021208) 464525.08
3673232.01 378.65317 (21021208)
464545.08 3673232.01 331.82424 (21021208) 464565.08
3673232.01 292.68645 (21020108)
464585.08 3673232.01 394.54148 (21020108) 464605.08
3673232.01 522.06629 (21020108)
464045.08 3673252.01 434.68753 (21020208) 464065.08
3673252.01 454.26748 (21020208)
464085.08 3673252.01 479.33391 (21020208) 464105.08
3673252.01 500.20826 (21020208)
464125.08 3673252.01 531.34853 (21020208) 464145.08

3673252.01   564.68439 (21020208)
        464165.08   3673252.01   601.74029 (21020208)   464185.08
3673252.01   633.59888 (21020208)
        464205.08   3673252.01   656.40393 (21020208)   464225.08
3673252.01   1004.17377 (19022808)
        464245.08   3673252.01   1191.18862 (19022808)   464265.08
3673252.01   1052.04726 (19022808)
        464285.08   3673252.01   1141.13464 (19120608)   464305.08
3673252.01   1109.33690 (19120608)
        464325.08   3673252.01   893.83672 (19120608)   464345.08
3673252.01   909.25598 (19120608)
        464365.08   3673252.01   911.58466 (19120608)   464385.08
3673252.01   678.33116 (21020208)
        464405.08   3673252.01   656.29971 (21020208)   464425.08
3673252.01   632.43529 (21020208)
        464445.08   3673252.01   607.84615 (21020208)   464465.08
3673252.01   459.44829 (21020208)
        464485.08   3673252.01   413.85567 (21021208)   464505.08
3673252.01   398.78864 (21021208)
        464525.08   3673252.01   376.66388 (21021208)   464545.08
3673252.01   340.78703 (21021208)
        464565.08   3673252.01   294.24398 (21021208)   464585.08
3673252.01   238.78885 (21020208)
        464605.08   3673252.01   237.64592 (21020108)   464045.08
3673272.01   432.81034 (21020208)
        464065.08   3673272.01   447.20523 (21020208)   464085.08
3673272.01   462.90450 (21020208)
        464105.08   3673272.01   479.43220 (21020208)   464125.08
3673272.01   508.59827 (21020208)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464145.08	3673272.01	544.62952	(21020208)	464165.08	3673272.01	572.91250	(21020208)
464185.08	3673272.01	593.84178	(21020208)	464205.08	3673272.01	649.86612	(19022808)
464225.08	3673272.01	974.92182	(19022808)	464245.08	3673272.01	1066.01320	(19022808)
464265.08	3673272.01	909.91002	(19022808)	464285.08	3673272.01	1057.57726	(19120608)
464305.08	3673272.01	1059.78039	(19120608)	464325.08	3673272.01	877.72651	(19120608)
464345.08	3673272.01	872.85718	(19120608)	464365.08	3673272.01	860.41665	(19120608)
464385.08	3673272.01	628.36716	(21020208)	464405.08	3673272.01	607.31154	(21020208)
464425.08	3673272.01	585.72294	(21020208)	464445.08	3673272.01	531.32846	(21020208)
464465.08	3673272.01	420.76028	(21021208)	464485.08	3673272.01	405.64959	(21021208)
464505.08	3673272.01	391.37416	(21021208)	464525.08	3673272.01	373.13307	(21021208)
464545.08	3673272.01	345.41205	(21021208)	464565.08	3673272.01	307.16060	(21021208)
464585.08	3673272.01	260.00876	(21021208)	464605.08	3673272.01	223.83889	(19022809)
464045.08	3673292.01	419.04915	(21020208)	464065.08	3673292.01	434.55073	(21020208)
464085.08	3673292.01	451.35096	(21020208)	464105.08	3673292.01	469.43703	(21020208)
464125.08	3673292.01	484.14236	(21020208)	464145.08	3673292.01	520.61572	(21020208)
464165.08	3673292.01	541.82042	(21020208)	464185.08	3673292.01	557.93697	(21020208)
464205.08	3673292.01	688.59925	(19022808)	464225.08	3673292.01	930.45813	(19022808)
464245.08	3673292.01	954.85956	(19022808)	464265.08	3673292.01	793.63359	(19022808)
464285.08	3673292.01	981.77246	(19120608)	464305.08	3673292.01	1010.54450	(19120608)
464325.08	3673292.01	859.52348	(19120608)	464345.08	3673292.01	839.70588	(19120608)
464365.08	3673292.01	814.21915	(19120608)	464385.08	3673292.01	590.41193	(19120608)

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        464405.08   3673292.01      564.31819  (21020208)                464425.08
3673292.01      543.65070  (21020208)
        464445.08   3673292.01      401.97707  (21021208)                464465.08
3673292.01      402.76290  (21021208)
        464485.08   3673292.01      395.10077  (21021208)                464505.08
3673292.01      383.78049  (21021208)
        464525.08   3673292.01      369.06583  (21021208)                464545.08
3673292.01      347.67453  (21021208)
        464565.08   3673292.01      315.75755  (21021208)                464585.08
3673292.01      279.57961  (21021208)
        464605.08   3673292.01      233.62902  (21021208)                464545.08
3672412.01      206.85027  (21020208)
        464595.08   3672412.01      221.03617  (21020208)                464645.08
3672412.01      228.46278  (21020208)
        464695.08   3672412.01      222.51116  (21020208)                464745.08
3672412.01      226.26078  (21020208)
        464795.08   3672412.01      226.46889  (21020208)                464845.08
3672412.01      217.47026  (21020208)
        464895.08   3672412.01      207.67086  (21020208)                464495.08
3672462.01      231.28253  (21020208)
        464545.08   3672462.01      228.32039  (21020208)                464595.08
3672462.01      254.24698  (21020208)
        464645.08   3672462.01      251.56057  (21020208)                464695.08
3672462.01      251.07526  (21020208)
        464745.08   3672462.01      252.73130  (21020208)                464795.08
3672462.01      239.91163  (21020208)
        464845.08   3672462.01      228.45595  (21020208)                464895.08
3672462.01      216.29256  (21020208)
        464495.08   3672512.01      254.61674  (21020208)                464545.08
3672512.01      285.15989  (21020208)
        464595.08   3672512.01      282.01695  (21020208)                464645.08
3672512.01      279.76709  (21020208)
        464695.08   3672512.01      281.07470  (21020208)                464745.08
3672512.01      268.04889  (21020208)
        464795.08   3672512.01      253.64692  (21020208)                464845.08
3672512.01      239.14966  (21020208)
        464895.08   3672512.01      224.30655  (21020208)                464445.08
3672562.01      290.11651  (21020208)
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                   PAGE 243
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
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                 L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                 L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                 L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        464495.08   3672562.01      323.01334  (21020208)               464545.08
3672562.01      316.58356  (21020208)
        464595.08   3672562.01      313.71921  (21020208)               464645.08
3672562.01      319.12054  (21020208)
        464695.08   3672562.01      303.77702  (21020208)               464745.08
3672562.01      284.22439  (21020208)
        464795.08   3672562.01      266.49254  (21020208)               464845.08
3672562.01      247.73899  (21020208)
        464895.08   3672562.01      230.74460  (21020208)               464395.08
3672612.01      335.50429  (21020208)
        464445.08   3672612.01      332.28168  (21020208)               464495.08
3672612.01      377.50590  (21020208)
        464545.08   3672612.01      360.90043  (21020208)               464595.08
3672612.01      357.95512  (21020208)
        464645.08   3672612.01      348.77113  (21020208)               464695.08
3672612.01      324.49283  (21020208)
        464745.08   3672612.01      301.17138  (21020208)               464795.08
3672612.01      278.05622  (21020208)
        464845.08   3672612.01      232.94466  (21020208)               464895.08
3672612.01      199.03130  (21110510)
        464345.08   3672662.01      391.36272  (21020208)               464395.08
3672662.01      391.83120  (21020208)
        464445.08   3672662.01      453.45227  (21020208)               464495.08
3672662.01      431.61834  (21020208)
        464545.08   3672662.01      416.69619  (21020208)               464595.08
3672662.01      408.82587  (21020208)
        464645.08   3672662.01      377.42651  (21020208)               464695.08
3672662.01      347.44120  (21020208)
        464745.08   3672662.01      319.02901  (21020208)               464795.08
3672662.01      285.60864  (21020208)
        464845.08   3672662.01      226.67411  (21110510)               464895.08
3672662.01      225.78242  (21110510)
        464645.08   3672712.01      408.01985  (21020208)               464695.08
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3672712.01      370.87081  (21020208)
        464745.08   3672712.01      333.78729  (21020208)                464795.08
3672712.01      254.87474  (21110510)
        464845.08   3672712.01      241.50585  (21110510)                464895.08
3672712.01      216.83472  (21110510)
        464645.08   3672762.01      441.68964  (21020208)                464695.08
3672762.01      387.68051  (21020208)
        464745.08   3672762.01      279.55434  (21110510)                464795.08
3672762.01      248.69616  (21110510)
        464845.08   3672762.01      210.75285  (21110510)                464895.08
3672762.01      173.10654  (21110510)
        464645.08   3672812.01      469.35474  (21020208)                464695.08
3672812.01      291.66671  (21110510)
        464745.08   3672812.01      240.87357  (21110510)                464795.08
3672812.01      191.24514  (21110510)
        464845.08   3672812.01      171.67450  (21020208)                464895.08
3672812.01      144.97544  (21020208)
        464645.08   3672862.01      473.65119  (21020208)                464695.08
3672862.01      263.54454  (21020208)
        464745.08   3672862.01      215.34051  (21020208)                464795.08
3672862.01      191.94713  (21020208)
        464845.08   3672862.01      168.86980  (21020208)                464895.08
3672862.01      145.94314  (21110509)
        464645.08   3672912.01      349.56273  (21020208)                464695.08
3672912.01      263.05839  (21020208)
        464745.08   3672912.01      223.84013  (21020208)                464795.08
3672912.01      197.45214  (21020208)
        464845.08   3672912.01      188.25209  (21110509)                464895.08
3672912.01      181.59020  (21110509)
        464645.08   3672962.01      366.89831  (19012108)                464695.08
3672962.01      318.40771  (19012108)
        464745.08   3672962.01      282.08238  (19012108)                464795.08
3672962.01      253.03397  (19012108)
        464845.08   3672962.01      225.48825  (19012108)                464895.08
3672962.01      203.32553  (19012108)
        464645.08   3673012.01     1002.24278  (21020108)                464695.08
3673012.01      545.10993  (21020108)
        464745.08   3673012.01      302.17067  (21020108)                464795.08
3673012.01      242.01304  (19012108)
        464845.08   3673012.01      214.18127  (19012108)                464895.08
3673012.01      194.97950  (19012108)
        464645.08   3673062.01     2075.89185  (21020108)                464695.08
3673062.01     1739.07324  (21020108)
        464745.08   3673062.01     1294.38583  (21020108)                464795.08
3673062.01      759.08873  (21020108)
        464845.08   3673062.01      428.86814  (21020108)                464895.08
3673062.01      244.54491  (21020108)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464645.08	3673112.01	1467.95739	(21020108)	464695.08	3673112.01	1669.10348	(21020108)
464745.08	3673112.01	1640.79668	(21020108)	464795.08	3673112.01	1333.71292	(21020108)
464845.08	3673112.01	1036.70308	(21020108)	464895.08	3673112.01	725.58843	(21020108)
464645.08	3673162.01	1649.60362	(21020108)	464695.08	3673162.01	1411.37174	(21020108)
464745.08	3673162.01	1239.82784	(21020108)	464795.08	3673162.01	1163.42381	(21020108)
464845.08	3673162.01	1131.75827	(21020108)	464895.08	3673162.01	961.67451	(21020108)
463995.08	3673212.01	445.90683	(21012908)	464645.08	3673212.01	1256.46398	(21020108)
464695.08	3673212.01	1301.18275	(21020108)	464745.08	3673212.01	1184.33121	(21020108)
464795.08	3673212.01	997.91932	(21020108)	464845.08	3673212.01	890.14098	(21020108)
464895.08	3673212.01	795.32420	(21020108)	463945.08	3673262.01	285.86629	(21020208)
463995.08	3673262.01	320.34137	(21111609)	464645.08	3673262.01	291.47966	(21020108)
464695.08	3673262.01	504.45876	(21020108)	464745.08	3673262.01	680.45330	(21020108)

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        464795.08   3673262.01      753.22769  (21020108)              464845.08
3673262.01      718.96728  (21020108)
        464895.08   3673262.01      585.68172  (21020108)              463895.08
3673312.01      246.74882  (21020208)
        463945.08   3673312.01      267.92631  (21020208)              463995.08
3673312.01      355.57859  (21020208)
        464045.08   3673312.01      406.07276  (21020208)              464095.08
3673312.01      446.63625  (21020208)
        464145.08   3673312.01      497.99141  (21020208)              464195.08
3673312.01      574.88893  (19022808)
        464245.08   3673312.01      860.52616  (19022808)              464295.08
3673312.01      984.13000  (19120608)
        464345.08   3673312.01      808.91144  (19120608)              464395.08
3673312.01      535.47461  (21020208)
        464445.08   3673312.01      363.02043  (21021208)              464495.08
3673312.01      375.05339  (21021208)
        464545.08   3673312.01      345.17229  (21021208)              464595.08
3673312.01      270.40550  (21021208)
        464645.08   3673312.01      210.51846  (19022809)              464695.08
3673312.01      218.31444  (19022809)
        464745.08   3673312.01      209.85804  (19022809)              464795.08
3673312.01      275.31778  (21020108)
        464845.08   3673312.01      317.49510  (21020108)              464895.08
3673312.01      328.02725  (21020108)
        463895.08   3673362.01      232.77005  (21020208)              463945.08
3673362.01      322.84658  (21020208)
        463995.08   3673362.01      354.80351  (21020208)              464045.08
3673362.01      381.03409  (21020208)
        464095.08   3673362.01      410.60574  (21020208)              464145.08
3673362.01      440.10734  (21020208)
        464195.08   3673362.01      633.42486  (19022808)              464245.08
3673362.01      671.55034  (19022808)
        464295.08   3673362.01      849.59700  (19120608)              464345.08
3673362.01      738.56096  (19120608)
        464395.08   3673362.01      391.81718  (19120608)              464445.08
3673362.01      286.46204  (21020208)
        464495.08   3673362.01      324.81981  (21021208)              464545.08
3673362.01      330.18150  (21021208)
        464595.08   3673362.01      282.74702  (21021208)              464645.08
3673362.01      202.41134  (21021208)
        464695.08   3673362.01      195.36373  (19022809)              464745.08
3673362.01      205.73771  (19022809)
        464795.08   3673362.01      201.15790  (19022809)              464845.08
3673362.01      183.60763  (19022809)
        464895.08   3673362.01      157.33564  (19022809)              463845.08
3673412.01      205.53742  (21020208)
        463895.08   3673412.01      220.56461  (21020208)              463945.08
3673412.01      311.41312  (21020208)
        463995.08   3673412.01      326.42652  (21020208)              464045.08
3673412.01      351.63738  (21020208)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464095.08	3673412.01	372.91137	(21020208)	464145.08	3673412.01	393.03039	(21020208)
464195.08	3673412.01	640.03724	(19022808)	464245.08	3673412.01	527.73294	(19022808)
464295.08	3673412.01	741.31422	(19120608)	464345.08	3673412.01	691.43661	(19120608)
464395.08	3673412.01	378.71393	(19120608)	464445.08	3673412.01	235.25559	(21020208)
464495.08	3673412.01	257.02431	(21021208)	464545.08	3673412.01	297.05423	(21021208)
464595.08	3673412.01	279.40629	(21021208)	464645.08	3673412.01	225.02204	(21021208)
464695.08	3673412.01	156.32124	(19022809)	464745.08	3673412.01	181.37617	(19022809)
464795.08	3673412.01	193.72467	(19022809)	464845.08	3673412.01	192.52772	(19022809)
464895.08	3673412.01	179.28731	(19022809)	463795.08	3673462.01	183.78156	(21020208)
463845.08	3673462.01	194.66874	(21020208)	463895.08	3673462.01	274.68996	(21020208)
463945.08	3673462.01	290.61251	(21020208)	463995.08			

3673462.01 304.54581 (21020208)
464045.08 3673462.01 305.37203 (21020208) 464095.08
3673462.01 339.91137 (21020208)
464145.08 3673462.01 364.45785 (19022808) 464195.08
3673462.01 610.69226 (19022808)
464245.08 3673462.01 412.39222 (19022808) 464295.08
3673462.01 650.18413 (19120608)
464345.08 3673462.01 625.69149 (19120608) 464395.08
3673462.01 362.76852 (19120608)
464445.08 3673462.01 207.00252 (21020208) 464495.08
3673462.01 188.43612 (21020208)
464545.08 3673462.01 245.93505 (21021208) 464595.08
3673462.01 260.66621 (21021208)
464645.08 3673462.01 234.88030 (21021208) 464695.08
3673462.01 181.80155 (21021208)
464745.08 3673462.01 144.47059 (19022809) 464795.08
3673462.01 168.89144 (19022809)
464845.08 3673462.01 182.44664 (19022809) 464895.08
3673462.01 183.80756 (19022809)
463795.08 3673512.01 174.88090 (21020208) 463845.08
3673512.01 226.48048 (21020208)
463895.08 3673512.01 256.10671 (21020208) 463945.08
3673512.01 271.35858 (21020208)
463995.08 3673512.01 257.07306 (21020208) 464045.08
3673512.01 298.59589 (21020208)
464095.08 3673512.01 311.08046 (21020208) 464145.08
3673512.01 436.83916 (19022808)
464195.08 3673512.01 558.46637 (19022808) 464245.08
3673512.01 332.87575 (21020208)
464295.08 3673512.01 583.67858 (19120608) 464345.08
3673512.01 581.61033 (19120608)
464395.08 3673512.01 344.21894 (19120608) 464445.08
3673512.01 177.41874 (21020208)
464495.08 3673512.01 158.61392 (21020208) 464545.08
3673512.01 186.94800 (21021208)
464595.08 3673512.01 227.27977 (21021208) 464645.08
3673512.01 230.43360 (21021208)
464695.08 3673512.01 192.29487 (21021208) 464745.08
3673512.01 137.86445 (21021208)
464795.08 3673512.01 134.23690 (19022809) 464845.08
3673512.01 157.64700 (19022809)
464895.08 3673512.01 171.67501 (19022809) 463745.08
3673562.01 158.58102 (21020208)
463795.08 3673562.01 166.50087 (21020208) 463845.08
3673562.01 190.66578 (21020208)
463895.08 3673562.01 243.48693 (21020208) 463945.08
3673562.01 212.43410 (21020208)
463995.08 3673562.01 239.24631 (21020208) 464045.08
3673562.01 276.43033 (21020208)
464095.08 3673562.01 285.99485 (21020208) 464145.08

3673562.01   480.22802 (19022808)
        464195.08   3673562.01   492.06328 (19022808)   464245.08
3673562.01   294.96053 (21020208)
        464295.08   3673562.01   530.20181 (19120608)   464345.08
3673562.01   546.52137 (19120608)
        464395.08   3673562.01   330.27727 (19120608)   464445.08
3673562.01   146.92089 (21020208)
        464495.08   3673562.01   137.48338 (21020208)   464545.08
3673562.01   135.49802 (21021208)
        464595.08   3673562.01   189.27025 (21021208)   464645.08
3673562.01   210.10162 (21021208)
        464695.08   3673562.01   194.54615 (21021208)   464745.08
3673562.01   153.29869 (21021208)
        464795.08   3673562.01   125.60328 (21010610)   464845.08
3673562.01   125.28214 (19022809)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        463995.08   3673612.01      246.03350  (21020208)                464045.08
3673612.01      256.53204  (21020208)
        464095.08   3673612.01      288.85410  (19022808)                464145.08
3673612.01      493.07198  (19022808)
        464195.08   3673612.01      421.93245  (19022808)                464245.08
3673612.01      205.70772  (21020208)
        464295.08   3673612.01      481.97272  (19120608)                464345.08
3673612.01      515.22534  (19120608)
        464395.08   3673612.01      314.88751  (19120608)                464445.08
3673612.01      123.58987  (21020208)
        464495.08   3673612.01      108.99513  (21020208)                464545.08
3673612.01      100.83524  (21020208)
        464595.08   3673612.01      145.04866  (21021208)                464645.08
3673612.01      179.65510  (21021208)
        464695.08   3673612.01      182.67288  (21021208)                464745.08
3673612.01      159.75941  (21021208)
        464795.08   3673612.01      121.70944  (19040908)                464845.08
3673612.01      120.10926  (21010610)
        464895.08   3673612.01      117.72049  (21010610)                464945.08
3671912.01       98.92758  (21020208)
        465045.08   3671912.01      100.25406  (21020208)                465145.08
3671912.01      113.04814  (21020208)
        465245.08   3671912.01      111.52685  (21020208)                465345.08
3671912.01      101.86871  (21020208)
        465445.08   3671912.01       84.87093  (21020208)                464845.08
3672012.01      111.45531  (21020208)
        464945.08   3672012.01      113.94940  (21020208)                465045.08
3672012.01      120.33649  (21020208)
        465145.08   3672012.01      126.16540  (21020208)                465245.08
3672012.01      117.16050  (21020208)
        465345.08   3672012.01       74.40307  (21020208)                465445.08
3672012.01       61.81833  (21020208)
        464745.08   3672112.01      128.20045  (21020208)                464845.08
3672112.01      134.62583  (21020208)
        464945.08   3672112.01      133.74062  (21020208)                465045.08
3672112.01      139.93216  (21020208)
        465145.08   3672112.01      135.42955  (21020208)                465245.08
3672112.01      103.72496  (21020208)
        465345.08   3672112.01       71.76814  (21020208)                465445.08
3672112.01       66.72336  (21110510)
        464745.08   3672212.01      156.17999  (21020208)                464845.08
3672212.01      153.76555  (21020208)
        464945.08   3672212.01      159.42470  (21020208)                465045.08
3672212.01      155.97079  (21020208)
        465145.08   3672212.01      142.86285  (21020208)                465245.08
3672212.01       88.24180  (21020208)
        465345.08   3672212.01       83.41059  (21110510)                465445.08
3672212.01      106.64919  (21110510)
        464645.08   3672312.01      169.55911  (21020208)                464745.08
3672312.01      187.28088  (21020208)
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        464845.08   3672312.01      194.47479  (21020208)                464945.08
3672312.01      182.16968  (21020208)
        465045.08   3672312.01      167.10310  (21020208)                465145.08
3672312.01      147.49062  (21020208)
        465245.08   3672312.01      104.95418  (21110510)                465345.08
3672312.01      127.99747  (21110510)
        465445.08   3672312.01      137.83093  (21110510)                464945.08
3672412.01      197.39864  (21020208)
        465045.08   3672412.01      174.79846  (21020208)                465145.08
3672412.01      132.32037  (21110510)
        465245.08   3672412.01      151.82151  (21110510)                465345.08
3672412.01      152.38095  (21110510)
        465445.08   3672412.01      138.38554  (21110510)                464945.08
3672512.01      209.82687  (21020208)
        465045.08   3672512.01      166.58269  (21110510)                465145.08
3672512.01      174.83558  (21110510)
        465245.08   3672512.01      159.95460  (21110510)                465345.08
3672512.01      132.85923  (21110510)
        465445.08   3672512.01      102.79687  (21110510)                464945.08
3672612.01      206.26603  (21110510)
        465045.08   3672612.01      191.03638  (21110510)                465145.08
3672612.01      154.69922  (21110510)
        465245.08   3672612.01      114.97687  (21110510)                465345.08
3672612.01       92.36173  (20100508)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                   PAGE 247
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3673412.01   126.77952 (21020108)
        465445.08   3673412.01   94.31082 (21020108)   464945.08
3673512.01   174.95948 (19022809)
        465045.08   3673512.01   153.92325 (19022809)   465145.08
3673512.01   113.11435 (19022809)
        465245.08   3673512.01   72.71116 (19022809)   465345.08
3673512.01   61.27386 (21080308)
        465445.08   3673512.01   56.89001 (21020108)   463645.08
3673612.01   138.66561 (21020208)
        464945.08   3673612.01   138.30487 (19022809)   465045.08
3673612.01   158.14653 (19022809)
        465145.08   3673612.01   147.38312 (19022809)   465245.08
3673612.01   117.11531 (19022809)
        465345.08   3673612.01   82.04787 (19022809)   465445.08
3673612.01   55.67015 (21080308)
        463645.08   3673712.01   128.10786 (21020208)   463745.08
3673712.01   139.90055 (21020208)
        463845.08   3673712.01   151.17325 (21020208)   463945.08
3673712.01   211.02761 (21020208)
        464045.08   3673712.01   222.77582 (21020208)   464145.08
3673712.01   450.71483 (19022808)
        464245.08   3673712.01   153.40832 (21020208)   464345.08
3673712.01   458.16668 (19120608)
        464445.08   3673712.01   102.10068 (19120516)   464545.08
3673712.01   73.97691 (21020208)
        464645.08   3673712.01   120.28917 (19040908)   464745.08
3673712.01   146.18514 (19040908)
        464845.08   3673712.01   119.92523 (19040908)   465145.08
3673712.01   143.69990 (19022809)
        465245.08   3673712.01   140.31565 (19022809)   465345.08
3673712.01   118.19931 (19022809)
        465445.08   3673712.01   88.57538 (19022809)   463745.08
3673812.01   126.47366 (21020208)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                 L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                 L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                 L0000141   , L0000142   , L0000143   , L0000144   , L0000145

, L0000146   , L0000147   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
463845.08	3673812.01	135.79146	(21020208)	463945.08	3673812.01	188.73807	(21020208)
464045.08	3673812.01	291.46359	(19022808)	464145.08	3673812.01	363.26241	(19022808)
464245.08	3673812.01	129.25670	(19120608)	464345.08	3673812.01	415.20225	(19120608)
464445.08	3673812.01	83.41516	(19120516)	464545.08	3673812.01	48.87309	(21020208)
464645.08	3673812.01	86.34964	(19040908)	464745.08	3673812.01	127.24534	(19040908)
465145.08	3673812.01	109.77652	(19022809)	465245.08	3673812.01	130.93387	(19022809)
465345.08	3673812.01	132.40360	(19022809)	465445.08	3673812.01	117.14245	(19022809)
463945.08	3673912.01	127.73140	(21020208)	464045.08	3673912.01	353.96129	(19022808)
464145.08	3673912.01	271.24581	(19022808)	464545.08	3673912.01	48.82575	(19120516)
464645.08	3673912.01	58.79103	(19040908)	464745.08	3673912.01	101.84456	(19040908)
465145.08	3673912.01	92.38737	(21010610)	465245.08	3673912.01	99.19535	(19022809)
465345.08	3673912.01	119.79357	(19022809)	465445.08	3673912.01	124.60803	(19022809)
463445.08	3674012.01	90.86000	(21020208)	463545.08	3674012.01	95.91859	(21020208)
463645.08	3674012.01	101.11044	(21020208)	464145.08	3674012.01	192.78058	(19022808)
464545.08	3674012.01	47.90830	(19120516)	464645.08	3674012.01	45.35684	(20050808)
465145.08	3674012.01	84.12820	(21010610)	465245.08	3674012.01	86.14095	(21010610)
465345.08	3674012.01	90.30144	(19022809)	465445.08	3674012.01	109.92286	(19022809)
463345.08	3674112.01	81.08053	(21020208)	463445.08	3674112.01	85.23523	(21020208)
463545.08	3674112.01	89.52100	(21020208)	463645.08	3674112.01	93.79803	(21020208)

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        463745.08   3674112.01       97.97005  (21020208)                463845.08
3674112.01      101.88009  (21020208)
        464145.08   3674112.01      130.21522  (19022808)                464545.08
3674112.01       45.90880  (19120516)
        465145.08   3674112.01       82.77702  (19040908)                465245.08
3674112.01       80.02489  (21010610)
        465345.08   3674112.01       80.52900  (21010610)                465445.08
3674112.01       82.68600  (19022809)
        465645.08   3670912.01       44.29284  (21020208)                465845.08
3670912.01       50.98702  (21020208)
        466045.08   3670912.01       51.15800  (21020208)                466245.08
3670912.01       55.71753  (19030108)
        466445.08   3670912.01       46.24336  (21020208)                465645.08
3671112.01       48.93448  (21020209)
        465845.08   3671112.01       49.11757  (21020209)                466045.08
3671112.01       60.72311  (19030108)
        466245.08   3671112.01       52.44804  (21020208)                466445.08
3671112.01       48.54868  (21020208)
        465445.08   3671312.01       56.95904  (21020208)                465645.08
3671312.01       59.30317  (21020208)
        465845.08   3671312.01       62.83930  (19030108)                466045.08
3671312.01       60.38007  (21020208)
        466245.08   3671312.01       55.41599  (21020208)                466445.08
3671312.01       38.35035  (21020208)
        465245.08   3671512.01       75.05316  (21020208)                465445.08
3671512.01       75.98034  (21020208)
        465645.08   3671512.01       71.41230  (19030108)                465845.08
3671512.01       53.09507  (21020208)
        466045.08   3671512.01       51.97593  (21020208)                466245.08
3671512.01       56.85854  (21020208)
        466445.08   3671512.01       59.45138  (21110510)                465045.08
3671712.01       81.53843  (21020208)
        465245.08   3671712.01       94.58832  (21020208)                465445.08
3671712.01       91.35906  (21020208)
        465645.08   3671712.01       82.23126  (21020208)                465845.08
3671712.01       62.27691  (21020208)
        466045.08   3671712.01       52.71160  (21020208)                466245.08
3671712.01       76.20909  (21110510)
        466445.08   3671712.01       86.32597  (21110510)                465645.08
3671912.01       51.60667  (21020208)
        465845.08   3671912.01       75.94385  (21110510)                466045.08
3671912.01       86.63680  (21110510)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                      ***        09:22:45

                                  PAGE 249
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
466245.08	3671912.01	95.96435	(21110510)	466445.08	3671912.01	82.30709	(21110510)
465645.08	3672112.01	104.86088	(21110510)	465845.08	3672112.01	115.58625	(21110510)
466045.08	3672112.01	89.01738	(21110510)	466245.08	3672112.01	66.86358	(21110510)
466445.08	3672112.01	52.07105	(20100508)	465645.08	3672312.01	122.55177	(21110510)
465845.08	3672312.01	84.54051	(21110510)	466045.08	3672312.01	62.97432	(21020208)
466245.08	3672312.01	56.67149	(21020208)	466445.08	3672312.01	56.85645	(21020208)
465645.08	3672512.01	70.15159	(20100508)	465845.08	3672512.01	59.40507	(21082608)
466045.08	3672512.01	85.76516	(21020208)	466245.08	3672512.01	76.63303	(21020208)
466445.08	3672512.01	53.41371	(21020208)	465645.08	3672712.01	75.31291	(21110509)
465845.08	3672712.01	77.44341	(21110509)	466045.08	3672712.01	75.11697	(21110509)
466245.08	3672712.01	74.87703	(21110509)	466445.08	3672712.01	63.32187	(21110509)
465645.08	3672912.01	111.47964	(21110509)	465845.08	3672912.01	99.31308	(21110509)
466045.08	3672912.01	86.07733	(21110509)	466245.08	3672912.01	82.05021	(21110509)
466445.08	3672912.01	69.51901	(21020208)	465645.08	3673112.01	75.75558	(21123110)
465845.08	3673112.01	72.12873	(21123110)	466045.08			

```
3673112.01       68.38063  (21123110)
        466245.08   3673112.01       64.79880  (21123110)                466445.08
3673112.01       61.44588  (21123110)
        465645.08   3673312.01       81.83543  (21092208)                465845.08
3673312.01       59.70457  (21092208)
        466045.08   3673312.01       41.74896  (21092208)                466245.08
3673312.01       42.00791  (19040909)
        466445.08   3673312.01       43.13937  (19040909)                465645.08
3673512.01       74.60806  (21092208)
        465845.08   3673512.01       83.45042  (21092208)                466045.08
3673512.01       80.53396  (21092208)
        466245.08   3673512.01       70.46427  (21092208)                466445.08
3673512.01       57.69270  (21092208)
        465645.08   3673712.01       50.76756  (21080308)                465845.08
3673712.01       46.14527  (21080308)
        466045.08   3673712.01       48.84089  (21092208)                466245.08
3673712.01       61.10638  (21092208)
        466445.08   3673712.01       66.76535  (21092208)                465645.08
3673912.01       95.03468  (19022809)
        465845.08   3673912.01       51.72547  (19022809)                466045.08
3673912.01       43.28009  (21080308)
        466245.08   3673912.01       39.77225  (21080308)                466445.08
3673912.01       35.39099  (21102208)
        465645.08   3674112.01      109.63523  (19022809)                465845.08
3674112.01       95.35837  (19022809)
        466045.08   3674112.01       61.14725  (19022809)                466245.08
3674112.01       39.69675  (20091809)
        466445.08   3674112.01       37.86187  (21080308)                463245.08
3674312.01       69.16139  (21020208)
        463445.08   3674312.01       94.40117  (21020208)                463645.08
3674312.01       82.05669  (21020208)
        463845.08   3674312.01      128.57282  (19022808)                464045.08
3674312.01      224.67165  (19022808)
        465245.08   3674312.01       82.43317  (19040908)                465445.08
3674312.01       72.42277  (21010610)
        465645.08   3674312.01       70.43404  (19022809)                465845.08
3674312.01       96.66831  (19022809)
        466045.08   3674312.01       92.24582  (19022809)                466245.08
3674312.01       66.95381  (19022809)
        466445.08   3674312.01       39.68228  (19022809)                463045.08
3674512.01       57.68713  (21020208)
        463245.08   3674512.01       62.29522  (21020208)                463445.08
3674512.01       86.37942  (21020208)
        463645.08   3674512.01       94.58626  (21020208)                463845.08
3674512.01      217.35407  (19022808)
        464045.08   3674512.01      134.21264  (19022808)                464245.08
3674512.01       83.39903  (19120608)
        465045.08   3674512.01       67.81987  (19040908)                465245.08
3674512.01       88.50414  (19040908)
        465445.08   3674512.01       62.73229  (19040908)                465645.08
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000120   , L0000121 , L0000122   , L0000123   , L0000124   ,
                  L0000125   , L0000126   , L0000127   , L0000128   , L0000129 , L0000130   , L0000131   , L0000132   ,
                  L0000133   , L0000134   , L0000135   , L0000136   , L0000137 , L0000138   , L0000139   , L0000140   ,
                  L0000141   , L0000142   , L0000143   , L0000144   , L0000145 , L0000146   , L0000147   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
        463245.08   3674912.01       50.97050  (21020208)               463445.08
3674912.01       71.47361  (21020208)
        463645.08   3674912.01       97.63313  (19022808)               463845.08
3674912.01      229.96108  (19022808)
        464045.08   3674912.01       48.09657  (21093008)               464245.08
3674912.01       82.12772  (19120608)
        464445.08   3674912.01      105.30681  (19120608)               464645.08
3674912.01       39.16640  (21020208)
        463245.08   3675112.01       52.98471  (21020208)               463445.08
3675112.01       57.63839  (21020208)
        463645.08   3675112.01      152.23236  (19022808)               463845.08
3675112.01      178.20820  (19022808)
        464045.08   3675112.01       36.44140  (21093008)               464245.08
3675112.01       58.53597  (19120608)
        464445.08   3675112.01       86.80215  (19120608)               464645.08
3675112.01       31.35168  (21092808)
        464292.03   3673119.21     2608.07804  (19022808)               464232.15
3673080.42     2495.57055  (21120908)
        464356.24   3672897.49     3770.43085  (20011508)               464419.69
3672940.47     2667.60238  (21122116)
        463237.91   3675184.01       58.84360  (21020208)               462893.02
3674680.48       50.94434  (21020208)
        463465.53   3673914.84       97.91298  (21020208)               463644.87
3673956.22      105.51127  (21020208)
        464058.73   3674252.82      225.40409  (19022808)               464334.64
3674521.83      194.98334  (19120608)
        464479.49   3674687.38       70.87754  (19120608)               464707.11
3674887.41       60.98417  (21020208)
        464700.21   3675011.57       30.92762  (21092808)               464782.99
3675170.21       65.00048  (21020208)
        466486.71   3675163.32       38.73712  (21010610)               466486.71
3674846.02       76.50240  (19022809)
        465638.30   3674846.02       59.67693  (19040908)               465134.77
3674859.82       44.06538  (19040908)
        464969.22   3674783.94       77.98122  (21020208)               464776.09
3674597.71       74.28125  (21020208)
        464872.66   3674542.53       94.46621  (21020208)               465093.38
3674314.90       98.73676  (19040908)
        465079.59   3673597.54      157.88340  (19022809)               464824.37
3673728.60      130.57185  (19040908)
        464810.58   3673901.04      121.64350  (21021208)               464769.19
3673949.33       98.11924  (19040908)
        464651.93   3674025.20       65.93110  (21020208)               464520.87
3674245.93       98.01479  (21020208)
        464479.49   3674287.31       94.59068  (21020208)               464424.31
3674252.82      156.97257  (19120608)
        464520.87   3673942.43       58.75679  (19120516)               464472.59
3673873.45       74.63301  (19120516)
        464231.17   3673825.17      128.74601  (21020208)               464210.48
3674094.18       91.26000  (21020208)
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        464141.50   3674170.05      112.76662  (19022808)                464100.12
3674045.89      284.29865  (19022808)
        463555.20   3673701.01      120.36949  (21020208)                463658.89
3673554.59      146.88875  (21020208)
        463703.94   3673572.22      151.12012  (21020208)                464021.28
3673125.61      570.60390  (21012908)
        464121.18   3672996.32     1936.44707  (21120908)                464107.47
3672978.69     2120.38578  (21120908)
        464528.62   3672406.71      206.97664  (21020208)                465611.07
3670894.31       44.26686  (21020208)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000120    , L0000121
, L0000122    , L0000123    , L0000124    ,
                  L0000125    , L0000126    , L0000127    , L0000128    , L0000129
, L0000130    , L0000131    , L0000132    ,
                  L0000133    , L0000134    , L0000135    , L0000136    , L0000137
, L0000138    , L0000139    , L0000140    ,
                  L0000141    , L0000142    , L0000143    , L0000144    , L0000145
, L0000146    , L0000147    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        462213.63   3670882.09      209.74208  (20031208)                462220.00
3675217.12       33.78135  (21020208)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                   PAGE 252
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 26304
```

HRS) RESULTS ***

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

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
SLINE1	1ST HIGHEST VALUE IS	136.71531 AT	(464345.08, 3673052.01, 14.49, 14.49, 0.00)	DC	
	2ND HIGHEST VALUE IS	113.35108 AT	(464345.08, 3673072.01, 14.77, 14.77, 0.00)	DC	
	3RD HIGHEST VALUE IS	97.61244 AT	(464365.08, 3673052.01, 14.39, 14.39, 0.00)	DC	
	4TH HIGHEST VALUE IS	95.31386 AT	(464325.08, 3673092.01, 14.64, 14.64, 0.00)	DC	
	5TH HIGHEST VALUE IS	85.54754 AT	(464365.08, 3673072.01, 14.69, 14.69, 0.00)	DC	
	6TH HIGHEST VALUE IS	84.78846 AT	(464365.08, 3673032.01, 14.39, 14.39, 0.00)	DC	
	7TH HIGHEST VALUE IS	79.56750 AT	(464345.08, 3673092.01, 14.77, 14.77, 0.00)	DC	
	8TH HIGHEST VALUE IS	68.87862 AT	(464385.08, 3673052.01, 13.57, 13.57, 0.00)	DC	
	9TH HIGHEST VALUE IS	64.52408 AT	(464385.08, 3673072.01, 14.44, 14.44, 0.00)	DC	
	10TH HIGHEST VALUE IS	64.33077 AT	(464365.08, 3673092.01, 14.77, 14.77, 0.00)	DC	
SLINE2	1ST HIGHEST VALUE IS	155.17371 AT	(464405.08, 3672972.01, 14.70, 14.70, 0.00)	DC	
	2ND HIGHEST VALUE IS	141.98500 AT	(464385.08, 3672992.01, 14.40, 14.40, 0.00)	DC	
	3RD HIGHEST VALUE IS	122.37333 AT	(464425.08, 3672952.01, 14.72, 14.72, 0.00)	DC	
	4TH HIGHEST VALUE IS	121.95192 AT	(464419.69, 3672940.47, 14.72, 14.72, 0.00)	DC	
	5TH HIGHEST VALUE IS	114.63081 AT	(464425.08, 3672972.01, 14.80, 14.80, 0.00)	DC	
	6TH HIGHEST VALUE IS	114.23596 AT	(464405.08, 3672992.01, 14.68, 14.68, 0.00)	DC	
	7TH HIGHEST VALUE IS	90.58789 AT	(464425.08, 3672932.01, 14.69, 14.69, 0.00)	DC	
	8TH HIGHEST VALUE IS	89.58758 AT	(464425.08, 3672992.01, 14.83, 14.83, 0.00)	DC	

```
          9TH HIGHEST VALUE IS      84.50209 AT (  464445.08,  3672952.01,    14.64,
   14.64,    0.00)  DC
         10TH HIGHEST VALUE IS      84.05852 AT (  464445.08,  3672972.01,    14.80,
   14.80,    0.00)  DC

ALL       1ST HIGHEST VALUE IS     167.48900 AT (  464405.08,  3672972.01,    14.70,
   14.70,    0.00)  DC
          2ND HIGHEST VALUE IS     164.85999 AT (  464385.08,  3672992.01,    14.40,
   14.40,    0.00)  DC
          3RD HIGHEST VALUE IS     154.73843 AT (  464345.08,  3673052.01,    14.49,
   14.49,    0.00)  DC
          4TH HIGHEST VALUE IS     133.38398 AT (  464405.08,  3672992.01,    14.68,
   14.68,    0.00)  DC
          5TH HIGHEST VALUE IS     129.94927 AT (  464425.08,  3672952.01,    14.72,
   14.72,    0.00)  DC
          6TH HIGHEST VALUE IS     128.17298 AT (  464419.69,  3672940.47,    14.72,
   14.72,    0.00)  DC
          7TH HIGHEST VALUE IS     125.65159 AT (  464345.08,  3673072.01,    14.77,
   14.77,    0.00)  DC
          8TH HIGHEST VALUE IS     125.57571 AT (  464425.08,  3672972.01,    14.80,
   14.80,    0.00)  DC
          9TH HIGHEST VALUE IS     120.19660 AT (  464365.08,  3673032.01,    14.39,
   14.39,    0.00)  DC
         10TH HIGHEST VALUE IS     119.53181 AT (  464365.08,  3673052.01,    14.39,
   14.39,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        03/21/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Construction
                       ***        09:22:45

                                  PAGE 253
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  SigA Data

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


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

                                                      DATE
                                          NETWORK
GROUP ID                             AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
```

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- - - -
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****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 4/24/2024
** File: C:\Lakes\AERMOD View\Oceanside Blocks Ops\Oceanside Blocks Ops.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Oceanside Block 5&20 Const\Oceanside Block 5&20
   TITLETWO Oceanside Blocks 5 & 20 Operations
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID PM_10
   FLAGPOLE 0.00
   RUNORNOT RUN
   ERRORFIL "Oceanside Blocks Ops.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION AMTKIDLE     POINT      464561.060  3672724.990       14.540
** DESCRSRC Amtrak Train Idle at Transportation Center
   LOCATION SPRNIDLE     POINT      464665.113  3672606.598       14.630
** DESCRSRC Sprinter Train Idle at Transit Center
   LOCATION COASIDLE     POINT      464560.975  3672725.335       14.540
** DESCRSRC Coaster Train Idle at Transit Center
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SPRNTRVL
** DESCRSRC Sprinter Rail Travel
** PREFIX
** Length of Side = 11.00
** Configuration = Adjacent
```

```
** Emission Rate = 1.0
** Vertical Dimension = 9.52
** SZINIT = 4.43
** Nodes = 13
** 464665.671, 3672605.696, 14.72, 4.76, 5.12
** 465409.281, 3671548.409, 12.19, 4.76, 5.12
** 465457.539, 3671511.119, 11.88, 4.76, 5.12
** 465521.151, 3671484.797, 13.12, 4.76, 5.12
** 465611.087, 3671497.958, 11.51, 4.76, 5.12
** 465733.925, 3671552.796, 10.17, 4.76, 5.12
** 465817.279, 3671627.377, 7.27, 4.76, 5.12
** 465918.182, 3671789.699, 8.71, 4.76, 5.12
** 466003.730, 3672149.439, 5.35, 4.76, 5.12
** 466109.020, 3672331.503, 6.26, 4.76, 5.12
** 466172.633, 3672377.568, 5.80, 4.76, 5.12
** 466181.407, 3672397.309, 6.78, 4.76, 5.12
** 466332.761, 3672504.793, 7.51, 4.76, 5.12
** ----------------------------------------------------------------------
   LOCATION L0003884     VOLUME   464668.835 3672601.197 14.68
   LOCATION L0003885     VOLUME   464675.163 3672592.200 14.81
   LOCATION L0003886     VOLUME   464681.491 3672583.202 14.86
   LOCATION L0003887     VOLUME   464687.819 3672574.205 14.74
   LOCATION L0003888     VOLUME   464694.147 3672565.207 14.52
   LOCATION L0003889     VOLUME   464700.475 3672556.210 14.50
   LOCATION L0003890     VOLUME   464706.803 3672547.212 14.64
   LOCATION L0003891     VOLUME   464713.131 3672538.215 14.76
   LOCATION L0003892     VOLUME   464719.459 3672529.217 14.81
   LOCATION L0003893     VOLUME   464725.788 3672520.220 14.84
   LOCATION L0003894     VOLUME   464732.116 3672511.222 14.83
   LOCATION L0003895     VOLUME   464738.444 3672502.225 14.70
   LOCATION L0003896     VOLUME   464744.772 3672493.227 14.44
   LOCATION L0003897     VOLUME   464751.100 3672484.230 14.41
   LOCATION L0003898     VOLUME   464757.428 3672475.232 14.44
   LOCATION L0003899     VOLUME   464763.756 3672466.235 14.44
   LOCATION L0003900     VOLUME   464770.084 3672457.237 14.44
   LOCATION L0003901     VOLUME   464776.413 3672448.240 14.46
   LOCATION L0003902     VOLUME   464782.741 3672439.242 14.28
   LOCATION L0003903     VOLUME   464789.069 3672430.245 13.87
   LOCATION L0003904     VOLUME   464795.397 3672421.247 13.71
   LOCATION L0003905     VOLUME   464801.725 3672412.250 13.90
   LOCATION L0003906     VOLUME   464808.053 3672403.252 14.07
   LOCATION L0003907     VOLUME   464814.381 3672394.255 13.98
   LOCATION L0003908     VOLUME   464820.709 3672385.257 13.74
   LOCATION L0003909     VOLUME   464827.037 3672376.260 13.59
   LOCATION L0003910     VOLUME   464833.366 3672367.262 13.60
   LOCATION L0003911     VOLUME   464839.694 3672358.265 13.74
   LOCATION L0003912     VOLUME   464846.022 3672349.267 13.80
   LOCATION L0003913     VOLUME   464852.350 3672340.270 13.79
   LOCATION L0003914     VOLUME   464858.678 3672331.272 13.92
   LOCATION L0003915     VOLUME   464865.006 3672322.275 13.98
```

LOCATION L0003916 VOLUME 464871.334 3672313.277 13.89
LOCATION L0003917 VOLUME 464877.662 3672304.280 13.80
LOCATION L0003918 VOLUME 464883.990 3672295.282 13.86
LOCATION L0003919 VOLUME 464890.319 3672286.285 13.69
LOCATION L0003920 VOLUME 464896.647 3672277.287 13.30
LOCATION L0003921 VOLUME 464902.975 3672268.290 13.26
LOCATION L0003922 VOLUME 464909.303 3672259.292 13.33
LOCATION L0003923 VOLUME 464915.631 3672250.295 13.08
LOCATION L0003924 VOLUME 464921.959 3672241.297 12.67
LOCATION L0003925 VOLUME 464928.287 3672232.300 12.75
LOCATION L0003926 VOLUME 464934.615 3672223.302 13.06
LOCATION L0003927 VOLUME 464940.944 3672214.305 13.14
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** DESCRSRC BNSF Travel
** PREFIX
** Length of Side = 11.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 9.52
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   LOCATION L0004562     VOLUME   463589.683 3674997.777 17.40
   LOCATION L0004563     VOLUME   463587.395 3675008.536 17.34
** End of LINE VOLUME Source ID = BNSFTRVL
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = AMTKTRVL
** DESCRSRC Amtrak Travel
** PREFIX
** Length of Side = 11.00
** Configuration = Adjacent
** Emission Rate = 1.0
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** SZINIT = 4.43
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   LOCATION L0004573     VOLUME   465725.291 3671068.902 7.16
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LOCATION L0005172 VOLUME 464617.566 3672643.235 14.36

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   LOCATION L0005178     VOLUME   464580.310 3672697.715 14.52
   LOCATION L0005179     VOLUME   464574.101 3672706.795 14.70
   LOCATION L0005180     VOLUME   464567.892 3672715.875 14.71
   LOCATION L0005181     VOLUME   464561.683 3672724.955 14.56
** End of LINE VOLUME Source ID = COASTRVL
   LOCATION OCIDLE       POINT      464560.975  3672725.335       14.540
** DESCRSRC Metrolink Orange County Line Idle
   LOCATION INLDIDLE     POINT      464560.975  3672725.335       14.540
** DESCRSRC Metrolink Inland Empire Line Idle
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OCTRVL
** DESCRSRC Metrolink OC Line
** PREFIX
** Length of Side = 11.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 9.52
** SZINIT = 4.43
** Nodes = 22
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   LOCATION L0006023     VOLUME   463601.123 3674943.980 16.39
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** End of LINE VOLUME Source ID = INLDTRVL
** Source Parameters **
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** LINE VOLUME Source ID = SPRNTRVL
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SRCPARAM L0005087     0.0051546392      4.76      5.12      4.43
SRCPARAM L0005088     0.0051546392      4.76      5.12      4.43
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SRCPARAM L0005090     0.0051546392      4.76      5.12      4.43
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SRCPARAM L0005920     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005921     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005922     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005923     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005924     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005925     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005926     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005927     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005928     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005929     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005930     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005931     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005932     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005933     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005934     0.0023584906      4.76      5.12      4.43
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SRCPARAM L0005935     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005936     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005937     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005938     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005939     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005940     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005941     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005942     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005943     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005944     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005945     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005946     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005947     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005948     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005949     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005950     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005951     0.0023584906      4.76      5.12      4.43
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SRCPARAM L0005957     0.0023584906      4.76      5.12      4.43
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SRCPARAM L0005959     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005960     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005961     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005962     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005963     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005964     0.0023584906      4.76      5.12      4.43
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SRCPARAM L0005966     0.0023584906      4.76      5.12      4.43
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SRCPARAM L0005968     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005969     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005970     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005971     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005972     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005973     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005974     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005975     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005976     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005977     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005978     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005979     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005980     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005981     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005982     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005983     0.0023584906      4.76      5.12      4.43
SRCPARAM L0005984     0.0023584906      4.76      5.12      4.43
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   SRCPARAM L0005987     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0005988     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0005989     0.0023584906      4.76      5.12      4.43
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   SRCPARAM L0005997     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0005998     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0005999     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006000     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006001     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006002     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006003     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006004     0.0023584906      4.76      5.12      4.43
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   SRCPARAM L0006006     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006007     0.0023584906      4.76      5.12      4.43
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   SRCPARAM L0006010     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006011     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006012     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006013     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006014     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006015     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006016     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006017     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006018     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006019     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006020     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006021     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006022     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006023     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006024     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006025     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006026     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006027     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006028     0.0023584906      4.76      5.12      4.43
   SRCPARAM L0006029     0.0023584906      4.76      5.12      4.43
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT AMTKIDLE         0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT AMTKIDLE         0.00     0.00     0.00     0.00     0.00     0.00
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BUILDHGT AMTKIDLE	0.00	0.00	0.00	6.10	6.10	6.10
BUILDHGT AMTKIDLE	6.10	6.10	6.10	6.10	6.10	0.00
BUILDHGT AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT AMTKIDLE	0.00	0.00	0.00	6.10	6.10	0.00
BUILDHGT SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT COASIDLE	0.00	0.00	0.00	6.10	6.10	6.10
BUILDHGT COASIDLE	6.10	6.10	6.10	6.10	6.10	0.00
BUILDHGT COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT COASIDLE	0.00	0.00	0.00	6.10	6.10	0.00
BUILDHGT OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT OCIDLE	0.00	0.00	0.00	6.10	6.10	6.10
BUILDHGT OCIDLE	6.10	6.10	6.10	6.10	6.10	0.00
BUILDHGT OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT OCIDLE	0.00	0.00	0.00	6.10	6.10	0.00
BUILDHGT INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT INLDIDLE	0.00	0.00	0.00	6.10	6.10	6.10
BUILDHGT INLDIDLE	6.10	6.10	6.10	6.10	6.10	0.00
BUILDHGT INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT INLDIDLE	0.00	0.00	0.00	6.10	6.10	0.00
BUILDWID AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID AMTKIDLE	0.00	0.00	0.00	71.05	87.80	101.89
BUILDWID AMTKIDLE	112.88	120.44	124.34	124.46	120.80	0.00
BUILDWID AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID AMTKIDLE	0.00	0.00	0.00	71.05	87.80	0.00
BUILDWID SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID COASIDLE	0.00	0.00	0.00	71.05	87.80	101.89

BUILDWID COASIDLE	112.88	120.44	124.34	124.46	120.80	0.00
BUILDWID COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID COASIDLE	0.00	0.00	0.00	71.05	87.80	0.00
BUILDWID OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID OCIDLE	0.00	0.00	0.00	71.05	87.80	101.89
BUILDWID OCIDLE	112.88	120.44	124.34	124.46	120.80	0.00
BUILDWID OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID OCIDLE	0.00	0.00	0.00	71.05	87.80	0.00
BUILDWID INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID INLDIDLE	0.00	0.00	0.00	71.05	87.80	101.89
BUILDWID INLDIDLE	112.88	120.44	124.34	124.46	120.80	0.00
BUILDWID INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID INLDIDLE	0.00	0.00	0.00	71.05	87.80	0.00
BUILDLEN AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN AMTKIDLE	0.00	0.00	0.00	120.90	120.75	116.92
BUILDLEN AMTKIDLE	109.54	98.84	85.13	68.83	50.44	0.00
BUILDLEN AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN AMTKIDLE	0.00	0.00	0.00	120.90	120.75	0.00
BUILDLEN SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN COASIDLE	0.00	0.00	0.00	120.90	120.75	116.92
BUILDLEN COASIDLE	109.54	98.84	85.13	68.83	50.44	0.00
BUILDLEN COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN COASIDLE	0.00	0.00	0.00	120.90	120.75	0.00
BUILDLEN OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN OCIDLE	0.00	0.00	0.00	120.90	120.75	116.92
BUILDLEN OCIDLE	109.54	98.84	85.13	68.83	50.44	0.00
BUILDLEN OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN OCIDLE	0.00	0.00	0.00	120.90	120.75	0.00
BUILDLEN INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN INLDIDLE	0.00	0.00	0.00	120.90	120.75	116.92
BUILDLEN INLDIDLE	109.54	98.84	85.13	68.83	50.44	0.00

BUILDLEN	INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	INLDIDLE	0.00	0.00	0.00	120.90	120.75	0.00
XBADJ	AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	AMTKIDLE	0.00	0.00	0.00	-129.69	-131.73	-129.77
XBADJ	AMTKIDLE	-123.87	-114.20	-101.06	-84.85	-66.06	0.00
XBADJ	AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	AMTKIDLE	0.00	0.00	0.00	8.79	10.99	0.00
XBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	COASIDLE	0.00	0.00	0.00	-129.33	-131.37	-129.42
XBADJ	COASIDLE	-123.54	-113.90	-100.80	-84.64	-65.91	0.00
XBADJ	COASIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	COASIDLE	0.00	0.00	0.00	8.43	10.63	0.00
XBADJ	OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	OCIDLE	0.00	0.00	0.00	-129.33	-131.37	-129.42
XBADJ	OCIDLE	-123.54	-113.90	-100.80	-84.64	-65.91	0.00
XBADJ	OCIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	OCIDLE	0.00	0.00	0.00	8.43	10.63	0.00
XBADJ	INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	INLDIDLE	0.00	0.00	0.00	-129.33	-131.37	-129.42
XBADJ	INLDIDLE	-123.54	-113.90	-100.80	-84.64	-65.91	0.00
XBADJ	INLDIDLE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	INLDIDLE	0.00	0.00	0.00	8.43	10.63	0.00
YBADJ	AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	AMTKIDLE	0.00	0.00	0.00	19.77	7.47	-5.06
YBADJ	AMTKIDLE	-17.43	-29.27	-40.22	-49.95	-58.16	0.00
YBADJ	AMTKIDLE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	AMTKIDLE	0.00	0.00	0.00	-19.77	-7.47	0.00
YBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	SPRNIDLE	0.00	0.00	0.00	0.00	0.00	0.00

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YBADJ    SPRNIDLE         0.00     0.00     0.00     0.00     0.00     0.00

YBADJ    COASIDLE         0.00     0.00     0.00     0.00     0.00     0.00
YBADJ    COASIDLE         0.00     0.00     0.00     0.00     0.00     0.00
YBADJ    COASIDLE         0.00     0.00     0.00    19.73     7.50    -4.97
YBADJ    COASIDLE       -17.28   -29.06   -39.96   -49.65   -57.83     0.00
YBADJ    COASIDLE         0.00     0.00     0.00     0.00     0.00     0.00
YBADJ    COASIDLE         0.00     0.00     0.00   -19.73    -7.50     0.00

YBADJ    OCIDLE           0.00     0.00     0.00     0.00     0.00     0.00
YBADJ    OCIDLE           0.00     0.00     0.00     0.00     0.00     0.00
YBADJ    OCIDLE           0.00     0.00     0.00    19.73     7.50    -4.97
YBADJ    OCIDLE         -17.28   -29.06   -39.96   -49.65   -57.83     0.00
YBADJ    OCIDLE           0.00     0.00     0.00     0.00     0.00     0.00
YBADJ    OCIDLE           0.00     0.00     0.00   -19.73    -7.50     0.00

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SRCGROUP OCTRVL   L0005302 L0005303 L0005304 L0005305 L0005306 L0005307
SRCGROUP OCTRVL   L0005308 L0005309 L0005310 L0005311 L0005312 L0005313
SRCGROUP OCTRVL   L0005314 L0005315 L0005316 L0005317 L0005318 L0005319
SRCGROUP OCTRVL   L0005320 L0005321 L0005322 L0005323 L0005324 L0005325
SRCGROUP OCTRVL   L0005326 L0005327 L0005328 L0005329 L0005330 L0005331
SRCGROUP OCTRVL   L0005332 L0005333 L0005334 L0005335 L0005336 L0005337
SRCGROUP OCTRVL   L0005338 L0005339 L0005340 L0005341 L0005342 L0005343
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SRCGROUP OCTRVL   L0005344 L0005345 L0005346 L0005347 L0005348 L0005349
SRCGROUP OCTRVL   L0005350 L0005351 L0005352 L0005353 L0005354 L0005355
SRCGROUP OCTRVL   L0005356 L0005357 L0005358 L0005359 L0005360 L0005361
SRCGROUP OCTRVL   L0005362 L0005363 L0005364 L0005365 L0005366 L0005367
SRCGROUP OCTRVL   L0005368 L0005369 L0005370 L0005371 L0005372 L0005373
SRCGROUP OCTRVL   L0005374 L0005375 L0005376 L0005377 L0005378 L0005379
SRCGROUP OCTRVL   L0005380 L0005381 L0005382 L0005383 L0005384 L0005385
SRCGROUP OCTRVL   L0005386 L0005387 L0005388 L0005389 L0005390 L0005391
SRCGROUP OCTRVL   L0005392 L0005393 L0005394 L0005395 L0005396 L0005397
SRCGROUP OCTRVL   L0005398 L0005399 L0005400 L0005401 L0005402 L0005403
SRCGROUP OCTRVL   L0005404 L0005405 L0005406 L0005407 L0005408 L0005409
SRCGROUP OCTRVL   L0005410 L0005411 L0005412 L0005413 L0005414 L0005415
SRCGROUP OCTRVL   L0005416 L0005417 L0005418 L0005419 L0005420 L0005421
SRCGROUP OCTRVL   L0005422 L0005423 L0005424 L0005425 L0005426 L0005427
SRCGROUP OCTRVL   L0005428 L0005429 L0005430 L0005431 L0005432 L0005433
SRCGROUP OCTRVL   L0005434 L0005435 L0005436 L0005437 L0005438 L0005439
SRCGROUP OCTRVL   L0005440 L0005441 L0005442 L0005443 L0005444 L0005445
SRCGROUP OCTRVL   L0005446 L0005447 L0005448 L0005449 L0005450 L0005451
SRCGROUP OCTRVL   L0005452 L0005453 L0005454 L0005455 L0005456 L0005457
SRCGROUP OCTRVL   L0005458 L0005459 L0005460 L0005461 L0005462 L0005463
SRCGROUP OCTRVL   L0005464 L0005465 L0005466 L0005467 L0005468 L0005469
SRCGROUP OCTRVL   L0005470 L0005471 L0005472 L0005473 L0005474 L0005475
SRCGROUP OCTRVL   L0005476 L0005477 L0005478 L0005479 L0005480 L0005481
SRCGROUP OCTRVL   L0005482 L0005483 L0005484 L0005485 L0005486 L0005487
SRCGROUP OCTRVL   L0005488 L0005489 L0005490 L0005491 L0005492 L0005493
SRCGROUP OCTRVL   L0005494 L0005495 L0005496 L0005497 L0005498 L0005499
SRCGROUP OCTRVL   L0005500 L0005501 L0005502 L0005503 L0005504 L0005505
SRCGROUP OCTRVL   L0005506 L0005507 L0005508 L0005509 L0005510 L0005511
SRCGROUP OCTRVL   L0005512 L0005513 L0005514 L0005515 L0005516 L0005517
SRCGROUP OCTRVL   L0005518 L0005519 L0005520 L0005521 L0005522 L0005523
SRCGROUP OCTRVL   L0005524 L0005525 L0005526 L0005527 L0005528 L0005529
SRCGROUP OCTRVL   L0005530 L0005531 L0005532 L0005533 L0005534 L0005535
SRCGROUP OCTRVL   L0005536 L0005537 L0005538 L0005539 L0005540 L0005541
SRCGROUP OCTRVL   L0005542 L0005543 L0005544 L0005545 L0005546 L0005547
SRCGROUP OCTRVL   L0005548 L0005549 L0005550 L0005551 L0005552 L0005553
SRCGROUP OCTRVL   L0005554 L0005555 L0005556 L0005557 L0005558 L0005559
SRCGROUP OCTRVL   L0005560 L0005561 L0005562 L0005563 L0005564 L0005565
SRCGROUP OCTRVL   L0005566 L0005567 L0005568 L0005569 L0005570 L0005571
SRCGROUP OCTRVL   L0005572 L0005573 L0005574 L0005575 L0005576 L0005577
SRCGROUP OCTRVL   L0005578 L0005579 L0005580 L0005581 L0005582 L0005583
SRCGROUP OCTRVL   L0005584 L0005585 L0005586 L0005587 L0005588 L0005589
SRCGROUP OCTRVL   L0005590 L0005591 L0005592 L0005593 L0005594 L0005595
SRCGROUP OCTRVL   L0005596 L0005597 L0005598 L0005599 L0005600 L0005601
SRCGROUP OCTRVL   L0005602 L0005603 L0005604 L0005605
SRCGROUP SPRNIDLE SPRNIDLE
SRCGROUP SPRNTRVL L0003884 L0003885 L0003886 L0003887 L0003888 L0003889
SRCGROUP SPRNTRVL L0003890 L0003891 L0003892 L0003893 L0003894 L0003895
SRCGROUP SPRNTRVL L0003896 L0003897 L0003898 L0003899 L0003900 L0003901
SRCGROUP SPRNTRVL L0003902 L0003903 L0003904 L0003905 L0003906 L0003907
SRCGROUP SPRNTRVL L0003908 L0003909 L0003910 L0003911 L0003912 L0003913
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   SRCGROUP SPRNTRVL L0003914 L0003915 L0003916 L0003917 L0003918 L0003919
   SRCGROUP SPRNTRVL L0003920 L0003921 L0003922 L0003923 L0003924 L0003925
   SRCGROUP SPRNTRVL L0003926 L0003927 L0003928 L0003929 L0003930 L0003931
   SRCGROUP SPRNTRVL L0003932 L0003933 L0003934 L0003935 L0003936 L0003937
   SRCGROUP SPRNTRVL L0003938 L0003939 L0003940 L0003941 L0003942 L0003943
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   SRCGROUP SPRNTRVL L0003950 L0003951 L0003952 L0003953 L0003954 L0003955
   SRCGROUP SPRNTRVL L0003956 L0003957 L0003958 L0003959 L0003960 L0003961
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   SRCGROUP SPRNTRVL L0003980 L0003981 L0003982 L0003983 L0003984 L0003985
   SRCGROUP SPRNTRVL L0003986 L0003987 L0003988 L0003989 L0003990 L0003991
   SRCGROUP SPRNTRVL L0003992 L0003993 L0003994 L0003995 L0003996 L0003997
   SRCGROUP SPRNTRVL L0003998 L0003999 L0004000 L0004001 L0004002 L0004003
   SRCGROUP SPRNTRVL L0004004 L0004005 L0004006 L0004007 L0004008 L0004009
   SRCGROUP SPRNTRVL L0004010 L0004011 L0004012 L0004013 L0004014 L0004015
   SRCGROUP SPRNTRVL L0004016 L0004017 L0004018 L0004019 L0004020 L0004021
   SRCGROUP SPRNTRVL L0004022 L0004023 L0004024 L0004025 L0004026 L0004027
   SRCGROUP SPRNTRVL L0004028 L0004029 L0004030 L0004031 L0004032 L0004033
   SRCGROUP SPRNTRVL L0004034 L0004035 L0004036 L0004037 L0004038 L0004039
   SRCGROUP SPRNTRVL L0004040 L0004041 L0004042 L0004043 L0004044 L0004045
   SRCGROUP SPRNTRVL L0004046 L0004047 L0004048 L0004049 L0004050 L0004051
   SRCGROUP SPRNTRVL L0004052 L0004053 L0004054 L0004055 L0004056 L0004057
   SRCGROUP SPRNTRVL L0004058 L0004059 L0004060 L0004061 L0004062 L0004063
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   SRCGROUP SPRNTRVL L0004076 L0004077 L0004078 L0004079 L0004080 L0004081
   SRCGROUP SPRNTRVL L0004082 L0004083 L0004084 L0004085 L0004086 L0004087
   SRCGROUP SPRNTRVL L0004088 L0004089 L0004090 L0004091 L0004092 L0004093
   SRCGROUP SPRNTRVL L0004094 L0004095 L0004096 L0004097 L0004098 L0004099
   SRCGROUP SPRNTRVL L0004100 L0004101 L0004102 L0004103 L0004104 L0004105
   SRCGROUP SPRNTRVL L0004106 L0004107 L0004108 L0004109 L0004110 L0004111
   SRCGROUP SPRNTRVL L0004112 L0004113 L0004114 L0004115 L0004116 L0004117
   SRCGROUP SPRNTRVL L0004118 L0004119 L0004120 L0004121 L0004122 L0004123
   SRCGROUP SPRNTRVL L0004124 L0004125 L0004126 L0004127 L0004128 L0004129
   SRCGROUP SPRNTRVL L0004130 L0004131 L0004132 L0004133 L0004134 L0004135
   SRCGROUP SPRNTRVL L0004136 L0004137 L0004138 L0004139
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Oceanside Blocks Ops.rou"
RE FINISHED
**
```

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**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE Met\CMP_2019-2021_v22112.SFC
   PROFFILE Met\CMP_2019-2021_v22112.PFL
   SURFDATA 3177 2019
   UAIRDATA 3190 2019
   SITEDATA 1008 2019
   PROFBASE 16.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "OCEANSIDE BLOCKS OPS.AD\01H1GALL.PLT" 31
   PLOTFILE 1 AMTKIDLE 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G001.PLT" 32
   PLOTFILE 1 AMTKTRVL 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G002.PLT" 33
   PLOTFILE 1 BNSFTRVL 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G003.PLT" 34
   PLOTFILE 1 COASIDLE 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G004.PLT" 35
   PLOTFILE 1 COASTRVL 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G005.PLT" 36
   PLOTFILE 1 INLDIDLE 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G006.PLT" 37
   PLOTFILE 1 INLDTRVL 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G007.PLT" 38
   PLOTFILE 1 OCIDLE 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G008.PLT" 39
   PLOTFILE 1 OCTRVL 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G009.PLT" 40
   PLOTFILE 1 SPRNIDLE 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G010.PLT" 41
   PLOTFILE 1 SPRNTRVL 1ST "OCEANSIDE BLOCKS OPS.AD\01H1G011.PLT" 42
   PLOTFILE PERIOD ALL "OCEANSIDE BLOCKS OPS.AD\PE00GALL.PLT" 43
   PLOTFILE PERIOD AMTKIDLE "OCEANSIDE BLOCKS OPS.AD\PE00G001.PLT" 44
   PLOTFILE PERIOD AMTKTRVL "OCEANSIDE BLOCKS OPS.AD\PE00G002.PLT" 45
   PLOTFILE PERIOD BNSFTRVL "OCEANSIDE BLOCKS OPS.AD\PE00G003.PLT" 46
   PLOTFILE PERIOD COASIDLE "OCEANSIDE BLOCKS OPS.AD\PE00G004.PLT" 47
   PLOTFILE PERIOD COASTRVL "OCEANSIDE BLOCKS OPS.AD\PE00G005.PLT" 48
   PLOTFILE PERIOD INLDIDLE "OCEANSIDE BLOCKS OPS.AD\PE00G006.PLT" 49
   PLOTFILE PERIOD INLDTRVL "OCEANSIDE BLOCKS OPS.AD\PE00G007.PLT" 50
   PLOTFILE PERIOD OCIDLE "OCEANSIDE BLOCKS OPS.AD\PE00G008.PLT" 51
   PLOTFILE PERIOD OCTRVL "OCEANSIDE BLOCKS OPS.AD\PE00G009.PLT" 52
   PLOTFILE PERIOD SPRNIDLE "OCEANSIDE BLOCKS OPS.AD\PE00G010.PLT" 53
   PLOTFILE PERIOD SPRNTRVL "OCEANSIDE BLOCKS OPS.AD\PE00G011.PLT" 54
   SUMMFILE "Oceanside Blocks Ops.sum"
OU FINISHED
```

```
  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403    5112       PFLCNV: Turbulence data is being used w/o ADJ_U* option
SigA Data

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

 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                           ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
```

```
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:   2151 Source(s);      12 Source Group(s); and     210
Receptor(s)

                with:      5 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   2146 VOLUME source(s)
                 and:      0 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)
                 and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          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) =    16.00 ;  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 =      7.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out
```

*** 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 VARY BY	EMIS RATE SCALAR
AMTKIDLE	0	0.10000E+01	464561.1	3672725.0	14.5	4.76	385.45	4.83	0.56	YES	NO	NO	
SPRNIDLE	0	0.10000E+01	464665.1	3672606.6	14.6	4.76	385.45	4.83	0.56	NO	NO	NO	
COASIDLE	0	0.10000E+01	464561.0	3672725.3	14.5	4.76	385.45	4.83	0.56	YES	NO	NO	
OCIDLE	0	0.10000E+01	464561.0	3672725.3	14.5	4.76	385.45	4.83	0.56	YES	NO	NO	
INLDIDLE	0	0.10000E+01	464561.0	3672725.3	14.5	4.76	385.45	4.83	0.56	YES	NO	NO	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0003884	0	0.39063E-02	464668.8	3672601.2	14.7	4.76	5.12	4.43	NO NO
L0003885	0	0.39063E-02	464675.2	3672592.2	14.8	4.76	5.12	4.43	NO NO
L0003886	0	0.39063E-02	464681.5	3672583.2	14.9	4.76	5.12	4.43	NO NO
L0003887	0	0.39063E-02	464687.8	3672574.2	14.7	4.76	5.12	4.43	NO NO
L0003888	0	0.39063E-02	464694.1	3672565.2	14.5	4.76	5.12	4.43	NO NO
L0003889	0	0.39063E-02	464700.5	3672556.2	14.5	4.76	5.12	4.43	NO NO
L0003890	0	0.39063E-02	464706.8	3672547.2	14.6	4.76	5.12	4.43	NO NO
L0003891	0	0.39063E-02	464713.1	3672538.2	14.8	4.76	5.12	4.43	NO NO
L0003892	0	0.39063E-02	464719.5	3672529.2	14.8	4.76	5.12	4.43	NO NO
L0003893	0	0.39063E-02	464725.8	3672520.2	14.8	4.76	5.12	4.43	NO NO
L0003894	0	0.39063E-02	464732.1	3672511.2	14.8	4.76	5.12	4.43	NO NO
L0003895	0	0.39063E-02	464738.4	3672502.2	14.7	4.76	5.12	4.43	NO NO
L0003896	0	0.39063E-02	464744.8	3672493.2	14.4	4.76	5.12	4.43	NO NO
L0003897	0	0.39063E-02	464751.1	3672484.2	14.4	4.76	5.12	4.43	NO NO
L0003898	0	0.39063E-02	464757.4	3672475.2	14.4	4.76	5.12	4.43	NO NO
L0003899	0	0.39063E-02	464763.8	3672466.2	14.4	4.76	5.12	4.43	NO NO
L0003900	0	0.39063E-02	464770.1	3672457.2	14.4	4.76	5.12	4.43	NO NO
L0003901	0	0.39063E-02	464776.4	3672448.2	14.5	4.76	5.12	4.43	NO NO
L0003902	0	0.39063E-02	464782.7	3672439.2	14.3	4.76	5.12	4.43	NO NO
L0003903	0	0.39063E-02	464789.1	3672430.2	13.9	4.76	5.12	4.43	NO NO
L0003904	0	0.39063E-02	464795.4	3672421.2	13.7	4.76	5.12	4.43	NO NO
L0003905	0	0.39063E-02	464801.7	3672412.2	13.9	4.76	5.12	4.43	NO NO
L0003906	0	0.39063E-02	464808.1	3672403.3	14.1	4.76	5.12		

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4.43     NO                    NO
 L0003907         0   0.39063E-02  464814.4 3672394.3    14.0     4.76     5.12
4.43     NO                    NO
 L0003908         0   0.39063E-02  464820.7 3672385.3    13.7     4.76     5.12
4.43     NO                    NO
 L0003909         0   0.39063E-02  464827.0 3672376.3    13.6     4.76     5.12
4.43     NO                    NO
 L0003910         0   0.39063E-02  464833.4 3672367.3    13.6     4.76     5.12
4.43     NO                    NO
 L0003911         0   0.39063E-02  464839.7 3672358.3    13.7     4.76     5.12
4.43     NO                    NO
 L0003912         0   0.39063E-02  464846.0 3672349.3    13.8     4.76     5.12
4.43     NO                    NO
 L0003913         0   0.39063E-02  464852.3 3672340.3    13.8     4.76     5.12
4.43     NO                    NO
 L0003914         0   0.39063E-02  464858.7 3672331.3    13.9     4.76     5.12
4.43     NO                    NO
 L0003915         0   0.39063E-02  464865.0 3672322.3    14.0     4.76     5.12
4.43     NO                    NO
 L0003916         0   0.39063E-02  464871.3 3672313.3    13.9     4.76     5.12
4.43     NO                    NO
 L0003917         0   0.39063E-02  464877.7 3672304.3    13.8     4.76     5.12
4.43     NO                    NO
 L0003918         0   0.39063E-02  464884.0 3672295.3    13.9     4.76     5.12
4.43     NO                    NO
 L0003919         0   0.39063E-02  464890.3 3672286.3    13.7     4.76     5.12
4.43     NO                    NO
 L0003920         0   0.39063E-02  464896.6 3672277.3    13.3     4.76     5.12
4.43     NO                    NO
 L0003921         0   0.39063E-02  464903.0 3672268.3    13.3     4.76     5.12
4.43     NO                    NO
 L0003922         0   0.39063E-02  464909.3 3672259.3    13.3     4.76     5.12
4.43     NO                    NO
 L0003923         0   0.39063E-02  464915.6 3672250.3    13.1     4.76     5.12
4.43     NO                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***       16:29:24

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0003924	0	0.39063E-02	464922.0	3672241.3	12.7	4.76	5.12	4.43	NO	NO
L0003925	0	0.39063E-02	464928.3	3672232.3	12.8	4.76	5.12	4.43	NO	NO
L0003926	0	0.39063E-02	464934.6	3672223.3	13.1	4.76	5.12	4.43	NO	NO
L0003927	0	0.39063E-02	464940.9	3672214.3	13.1	4.76	5.12	4.43	NO	NO
L0003928	0	0.39063E-02	464947.3	3672205.3	13.0	4.76	5.12	4.43	NO	NO
L0003929	0	0.39063E-02	464953.6	3672196.3	13.0	4.76	5.12	4.43	NO	NO
L0003930	0	0.39063E-02	464959.9	3672187.3	13.1	4.76	5.12	4.43	NO	NO
L0003931	0	0.39063E-02	464966.3	3672178.3	13.1	4.76	5.12	4.43	NO	NO
L0003932	0	0.39063E-02	464972.6	3672169.3	13.0	4.76	5.12	4.43	NO	NO
L0003933	0	0.39063E-02	464978.9	3672160.3	12.8	4.76	5.12	4.43	NO	NO
L0003934	0	0.39063E-02	464985.2	3672151.3	12.8	4.76	5.12	4.43	NO	NO
L0003935	0	0.39063E-02	464991.6	3672142.3	13.0	4.76	5.12	4.43	NO	NO
L0003936	0	0.39063E-02	464997.9	3672133.3	13.1	4.76	5.12	4.43	NO	NO
L0003937	0	0.39063E-02	465004.2	3672124.3	13.3	4.76	5.12	4.43	NO	NO
L0003938	0	0.39063E-02	465010.6	3672115.3	13.2	4.76	5.12	4.43	NO	NO
L0003939	0	0.39063E-02	465016.9	3672106.3	13.0	4.76	5.12	4.43	NO	NO
L0003940	0	0.39063E-02	465023.2	3672097.3	12.8	4.76	5.12	4.43	NO	NO
L0003941	0	0.39063E-02	465029.5	3672088.3	12.5	4.76	5.12	4.43	NO	NO
L0003942	0	0.39063E-02	465035.9	3672079.3	12.7	4.76	5.12	4.43	NO	NO
L0003943	0	0.39063E-02	465042.2	3672070.3	12.5	4.76	5.12	4.43	NO	NO
L0003944	0	0.39063E-02	465048.5	3672061.3	11.8	4.76	5.12	4.43	NO	NO
L0003945	0	0.39063E-02	465054.8	3672052.3	11.7	4.76	5.12	4.43	NO	NO
L0003946	0	0.39063E-02	465061.2	3672043.4	12.4	4.76	5.12			

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4.43     NO                    NO
 L0003947         0   0.39063E-02  465067.5 3672034.4    12.6     4.76     5.12
4.43     NO                    NO
 L0003948         0   0.39063E-02  465073.8 3672025.4    12.5     4.76     5.12
4.43     NO                    NO
 L0003949         0   0.39063E-02  465080.2 3672016.4    12.5     4.76     5.12
4.43     NO                    NO
 L0003950         0   0.39063E-02  465086.5 3672007.4    12.7     4.76     5.12
4.43     NO                    NO
 L0003951         0   0.39063E-02  465092.8 3671998.4    12.6     4.76     5.12
4.43     NO                    NO
 L0003952         0   0.39063E-02  465099.1 3671989.4    12.5     4.76     5.12
4.43     NO                    NO
 L0003953         0   0.39063E-02  465105.5 3671980.4    12.5     4.76     5.12
4.43     NO                    NO
 L0003954         0   0.39063E-02  465111.8 3671971.4    12.6     4.76     5.12
4.43     NO                    NO
 L0003955         0   0.39063E-02  465118.1 3671962.4    12.6     4.76     5.12
4.43     NO                    NO
 L0003956         0   0.39063E-02  465124.5 3671953.4    12.7     4.76     5.12
4.43     NO                    NO
 L0003957         0   0.39063E-02  465130.8 3671944.4    12.8     4.76     5.12
4.43     NO                    NO
 L0003958         0   0.39063E-02  465137.1 3671935.4    13.1     4.76     5.12
4.43     NO                    NO
 L0003959         0   0.39063E-02  465143.4 3671926.4    13.1     4.76     5.12
4.43     NO                    NO
 L0003960         0   0.39063E-02  465149.8 3671917.4    13.1     4.76     5.12
4.43     NO                    NO
 L0003961         0   0.39063E-02  465156.1 3671908.4    12.9     4.76     5.12
4.43     NO                    NO
 L0003962         0   0.39063E-02  465162.4 3671899.4    13.1     4.76     5.12
4.43     NO                    NO
 L0003963         0   0.39063E-02  465168.8 3671890.4    13.2     4.76     5.12
4.43     NO                    NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0003964	0	0.39063E-02	465175.1	3671881.4	12.8	4.76	5.12	4.43	NO NO
L0003965	0	0.39063E-02	465181.4	3671872.4	12.1	4.76	5.12	4.43	NO NO
L0003966	0	0.39063E-02	465187.7	3671863.4	12.6	4.76	5.12	4.43	NO NO
L0003967	0	0.39063E-02	465194.1	3671854.4	12.9	4.76	5.12	4.43	NO NO
L0003968	0	0.39063E-02	465200.4	3671845.4	12.7	4.76	5.12	4.43	NO NO
L0003969	0	0.39063E-02	465206.7	3671836.4	12.5	4.76	5.12	4.43	NO NO
L0003970	0	0.39063E-02	465213.1	3671827.4	12.8	4.76	5.12	4.43	NO NO
L0003971	0	0.39063E-02	465219.4	3671818.4	13.3	4.76	5.12	4.43	NO NO
L0003972	0	0.39063E-02	465225.7	3671809.4	13.5	4.76	5.12	4.43	NO NO
L0003973	0	0.39063E-02	465232.0	3671800.4	13.5	4.76	5.12	4.43	NO NO
L0003974	0	0.39063E-02	465238.4	3671791.4	13.5	4.76	5.12	4.43	NO NO
L0003975	0	0.39063E-02	465244.7	3671782.4	13.5	4.76	5.12	4.43	NO NO
L0003976	0	0.39063E-02	465251.0	3671773.4	13.6	4.76	5.12	4.43	NO NO
L0003977	0	0.39063E-02	465257.3	3671764.4	13.5	4.76	5.12	4.43	NO NO
L0003978	0	0.39063E-02	465263.7	3671755.4	13.4	4.76	5.12	4.43	NO NO
L0003979	0	0.39063E-02	465270.0	3671746.4	13.5	4.76	5.12	4.43	NO NO
L0003980	0	0.39063E-02	465276.3	3671737.4	13.6	4.76	5.12	4.43	NO NO
L0003981	0	0.39063E-02	465282.7	3671728.4	13.6	4.76	5.12	4.43	NO NO
L0003982	0	0.39063E-02	465289.0	3671719.4	13.5	4.76	5.12	4.43	NO NO
L0003983	0	0.39063E-02	465295.3	3671710.4	13.5	4.76	5.12	4.43	NO NO
L0003984	0	0.39063E-02	465301.6	3671701.4	13.4	4.76	5.12	4.43	NO NO
L0003985	0	0.39063E-02	465308.0	3671692.4	12.9	4.76	5.12	4.43	NO NO
L0003986	0	0.39063E-02	465314.3	3671683.5	12.8	4.76	5.12		

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4.43     NO                    NO
 L0003987         0   0.39063E-02  465320.6 3671674.5    13.1     4.76     5.12
4.43     NO                    NO
 L0003988         0   0.39063E-02  465327.0 3671665.5    12.9     4.76     5.12
4.43     NO                    NO
 L0003989         0   0.39063E-02  465333.3 3671656.5    12.4     4.76     5.12
4.43     NO                    NO
 L0003990         0   0.39063E-02  465339.6 3671647.5    12.5     4.76     5.12
4.43     NO                    NO
 L0003991         0   0.39063E-02  465345.9 3671638.5    13.0     4.76     5.12
4.43     NO                    NO
 L0003992         0   0.39063E-02  465352.3 3671629.5    13.1     4.76     5.12
4.43     NO                    NO
 L0003993         0   0.39063E-02  465358.6 3671620.5    13.0     4.76     5.12
4.43     NO                    NO
 L0003994         0   0.39063E-02  465364.9 3671611.5    13.0     4.76     5.12
4.43     NO                    NO
 L0003995         0   0.39063E-02  465371.3 3671602.5    12.9     4.76     5.12
4.43     NO                    NO
 L0003996         0   0.39063E-02  465377.6 3671593.5    12.9     4.76     5.12
4.43     NO                    NO
 L0003997         0   0.39063E-02  465383.9 3671584.5    12.9     4.76     5.12
4.43     NO                    NO
 L0003998         0   0.39063E-02  465390.2 3671575.5    12.8     4.76     5.12
4.43     NO                    NO
 L0003999         0   0.39063E-02  465396.6 3671566.5    12.8     4.76     5.12
4.43     NO                    NO
 L0004000         0   0.39063E-02  465402.9 3671557.5    12.6     4.76     5.12
4.43     NO                    NO
 L0004001         0   0.39063E-02  465409.2 3671548.5    12.4     4.76     5.12
4.43     NO                    NO
 L0004002         0   0.39063E-02  465417.9 3671541.7    12.4     4.76     5.12
4.43     NO                    NO
 L0004003         0   0.39063E-02  465426.6 3671535.0    12.5     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004004	0	0.39063E-02	465435.3	3671528.3	12.5	4.76	5.12	4.43	NO	NO
L0004005	0	0.39063E-02	465444.0	3671521.6	12.5	4.76	5.12	4.43	NO	NO
L0004006	0	0.39063E-02	465452.7	3671514.8	12.2	4.76	5.12	4.43	NO	NO
L0004007	0	0.39063E-02	465462.1	3671509.2	11.8	4.76	5.12	4.43	NO	NO
L0004008	0	0.39063E-02	465472.2	3671505.0	11.7	4.76	5.12	4.43	NO	NO
L0004009	0	0.39063E-02	465482.4	3671500.8	12.2	4.76	5.12	4.43	NO	NO
L0004010	0	0.39063E-02	465492.6	3671496.6	12.8	4.76	5.12	4.43	NO	NO
L0004011	0	0.39063E-02	465502.7	3671492.4	13.0	4.76	5.12	4.43	NO	NO
L0004012	0	0.39063E-02	465512.9	3671488.2	13.1	4.76	5.12	4.43	NO	NO
L0004013	0	0.39063E-02	465523.2	3671485.1	13.1	4.76	5.12	4.43	NO	NO
L0004014	0	0.39063E-02	465534.1	3671486.7	13.1	4.76	5.12	4.43	NO	NO
L0004015	0	0.39063E-02	465545.0	3671488.3	13.0	4.76	5.12	4.43	NO	NO
L0004016	0	0.39063E-02	465555.9	3671489.9	12.9	4.76	5.12	4.43	NO	NO
L0004017	0	0.39063E-02	465566.7	3671491.5	12.7	4.76	5.12	4.43	NO	NO
L0004018	0	0.39063E-02	465577.6	3671493.1	12.5	4.76	5.12	4.43	NO	NO
L0004019	0	0.39063E-02	465588.5	3671494.7	12.0	4.76	5.12	4.43	NO	NO
L0004020	0	0.39063E-02	465599.4	3671496.2	11.7	4.76	5.12	4.43	NO	NO
L0004021	0	0.39063E-02	465610.3	3671497.8	11.5	4.76	5.12	4.43	NO	NO
L0004022	0	0.39063E-02	465620.4	3671502.1	11.5	4.76	5.12	4.43	NO	NO
L0004023	0	0.39063E-02	465630.4	3671506.6	11.3	4.76	5.12	4.43	NO	NO
L0004024	0	0.39063E-02	465640.5	3671511.1	11.1	4.76	5.12	4.43	NO	NO
L0004025	0	0.39063E-02	465650.5	3671515.6	11.0	4.76	5.12	4.43	NO	NO
L0004026	0	0.39063E-02	465660.6	3671520.0	10.9	4.76	5.12			

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4.43     NO                    NO
 L0004027         0   0.39063E-02  465670.6 3671524.5    10.7     4.76     5.12
4.43     NO                    NO
 L0004028         0   0.39063E-02  465680.6 3671529.0    10.4     4.76     5.12
4.43     NO                    NO
 L0004029         0   0.39063E-02  465690.7 3671533.5    10.2     4.76     5.12
4.43     NO                    NO
 L0004030         0   0.39063E-02  465700.7 3671538.0    10.3     4.76     5.12
4.43     NO                    NO
 L0004031         0   0.39063E-02  465710.8 3671542.5    10.2     4.76     5.12
4.43     NO                    NO
 L0004032         0   0.39063E-02  465720.8 3671546.9    10.1     4.76     5.12
4.43     NO                    NO
 L0004033         0   0.39063E-02  465730.9 3671551.4     9.9     4.76     5.12
4.43     NO                    NO
 L0004034         0   0.39063E-02  465739.6 3671557.9     9.5     4.76     5.12
4.43     NO                    NO
 L0004035         0   0.39063E-02  465747.8 3671565.2     9.1     4.76     5.12
4.43     NO                    NO
 L0004036         0   0.39063E-02  465756.0 3671572.6     9.1     4.76     5.12
4.43     NO                    NO
 L0004037         0   0.39063E-02  465764.2 3671579.9     8.8     4.76     5.12
4.43     NO                    NO
 L0004038         0   0.39063E-02  465772.4 3671587.2     8.3     4.76     5.12
4.43     NO                    NO
 L0004039         0   0.39063E-02  465780.6 3671594.6     7.8     4.76     5.12
4.43     NO                    NO
 L0004040         0   0.39063E-02  465788.8 3671601.9     7.9     4.76     5.12
4.43     NO                    NO
 L0004041         0   0.39063E-02  465797.0 3671609.2     7.5     4.76     5.12
4.43     NO                    NO
 L0004042         0   0.39063E-02  465805.2 3671616.6     6.8     4.76     5.12
4.43     NO                    NO
 L0004043         0   0.39063E-02  465813.4 3671623.9     6.6     4.76     5.12
4.43     NO                    NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004044	0	0.39063E-02	465820.3	3671632.3	6.9	4.76	5.12	4.43	NO	NO
L0004045	0	0.39063E-02	465826.2	3671641.6	6.9	4.76	5.12	4.43	NO	NO
L0004046	0	0.39063E-02	465832.0	3671651.0	6.4	4.76	5.12	4.43	NO	NO
L0004047	0	0.39063E-02	465837.8	3671660.3	6.9	4.76	5.12	4.43	NO	NO
L0004048	0	0.39063E-02	465843.6	3671669.7	7.4	4.76	5.12	4.43	NO	NO
L0004049	0	0.39063E-02	465849.4	3671679.0	7.2	4.76	5.12	4.43	NO	NO
L0004050	0	0.39063E-02	465855.2	3671688.4	6.2	4.76	5.12	4.43	NO	NO
L0004051	0	0.39063E-02	465861.0	3671697.7	5.5	4.76	5.12	4.43	NO	NO
L0004052	0	0.39063E-02	465866.8	3671707.0	5.3	4.76	5.12	4.43	NO	NO
L0004053	0	0.39063E-02	465872.6	3671716.4	5.1	4.76	5.12	4.43	NO	NO
L0004054	0	0.39063E-02	465878.4	3671725.7	6.0	4.76	5.12	4.43	NO	NO
L0004055	0	0.39063E-02	465884.2	3671735.1	6.1	4.76	5.12	4.43	NO	NO
L0004056	0	0.39063E-02	465890.0	3671744.4	5.9	4.76	5.12	4.43	NO	NO
L0004057	0	0.39063E-02	465895.8	3671753.8	6.1	4.76	5.12	4.43	NO	NO
L0004058	0	0.39063E-02	465901.6	3671763.1	6.3	4.76	5.12	4.43	NO	NO
L0004059	0	0.39063E-02	465907.5	3671772.4	5.7	4.76	5.12	4.43	NO	NO
L0004060	0	0.39063E-02	465913.3	3671781.8	6.5	4.76	5.12	4.43	NO	NO
L0004061	0	0.39063E-02	465918.6	3671791.3	8.7	4.76	5.12	4.43	NO	NO
L0004062	0	0.39063E-02	465921.1	3671802.0	10.5	4.76	5.12	4.43	NO	NO
L0004063	0	0.39063E-02	465923.7	3671812.7	11.3	4.76	5.12	4.43	NO	NO
L0004064	0	0.39063E-02	465926.2	3671823.4	11.1	4.76	5.12	4.43	NO	NO
L0004065	0	0.39063E-02	465928.8	3671834.1	11.0	4.76	5.12	4.43	NO	NO
L0004066	0	0.39063E-02	465931.3	3671844.8	10.7	4.76	5.12			

4.43 NO NO
L0004067 0 0.39063E-02 465933.8 3671855.5 10.0 4.76 5.12
4.43 NO NO
L0004068 0 0.39063E-02 465936.4 3671866.2 9.2 4.76 5.12
4.43 NO NO
L0004069 0 0.39063E-02 465938.9 3671876.9 9.6 4.76 5.12
4.43 NO NO
L0004070 0 0.39063E-02 465941.5 3671887.6 10.4 4.76 5.12
4.43 NO NO
L0004071 0 0.39063E-02 465944.0 3671898.3 11.1 4.76 5.12
4.43 NO NO
L0004072 0 0.39063E-02 465946.6 3671909.0 11.0 4.76 5.12
4.43 NO NO
L0004073 0 0.39063E-02 465949.1 3671919.8 10.4 4.76 5.12
4.43 NO NO
L0004074 0 0.39063E-02 465951.7 3671930.5 9.7 4.76 5.12
4.43 NO NO
L0004075 0 0.39063E-02 465954.2 3671941.2 8.4 4.76 5.12
4.43 NO NO
L0004076 0 0.39063E-02 465956.7 3671951.9 7.1 4.76 5.12
4.43 NO NO
L0004077 0 0.39063E-02 465959.3 3671962.6 6.0 4.76 5.12
4.43 NO NO
L0004078 0 0.39063E-02 465961.8 3671973.3 5.5 4.76 5.12
4.43 NO NO
L0004079 0 0.39063E-02 465964.4 3671984.0 5.6 4.76 5.12
4.43 NO NO
L0004080 0 0.39063E-02 465966.9 3671994.7 5.5 4.76 5.12
4.43 NO NO
L0004081 0 0.39063E-02 465969.5 3672005.4 5.5 4.76 5.12
4.43 NO NO
L0004082 0 0.39063E-02 465972.0 3672016.1 5.6 4.76 5.12
4.43 NO NO
L0004083 0 0.39063E-02 465974.6 3672026.8 5.7 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004084	0	0.39063E-02	465977.1	3672037.5	6.3	4.76	5.12	4.43	NO NO
L0004085	0	0.39063E-02	465979.6	3672048.2	6.7	4.76	5.12	4.43	NO NO
L0004086	0	0.39063E-02	465982.2	3672058.9	6.6	4.76	5.12	4.43	NO NO
L0004087	0	0.39063E-02	465984.7	3672069.6	6.1	4.76	5.12	4.43	NO NO
L0004088	0	0.39063E-02	465987.3	3672080.3	5.7	4.76	5.12	4.43	NO NO
L0004089	0	0.39063E-02	465989.8	3672091.0	5.8	4.76	5.12	4.43	NO NO
L0004090	0	0.39063E-02	465992.4	3672101.7	6.0	4.76	5.12	4.43	NO NO
L0004091	0	0.39063E-02	465994.9	3672112.4	5.9	4.76	5.12	4.43	NO NO
L0004092	0	0.39063E-02	465997.5	3672123.1	5.6	4.76	5.12	4.43	NO NO
L0004093	0	0.39063E-02	466000.0	3672133.8	5.5	4.76	5.12	4.43	NO NO
L0004094	0	0.39063E-02	466002.6	3672144.5	5.6	4.76	5.12	4.43	NO NO
L0004095	0	0.39063E-02	466006.7	3672154.6	5.3	4.76	5.12	4.43	NO NO
L0004096	0	0.39063E-02	466012.2	3672164.1	5.0	4.76	5.12	4.43	NO NO
L0004097	0	0.39063E-02	466017.7	3672173.6	4.8	4.76	5.12	4.43	NO NO
L0004098	0	0.39063E-02	466023.2	3672183.1	4.5	4.76	5.12	4.43	NO NO
L0004099	0	0.39063E-02	466028.7	3672192.6	4.6	4.76	5.12	4.43	NO NO
L0004100	0	0.39063E-02	466034.2	3672202.2	5.0	4.76	5.12	4.43	NO NO
L0004101	0	0.39063E-02	466039.7	3672211.7	5.3	4.76	5.12	4.43	NO NO
L0004102	0	0.39063E-02	466045.2	3672221.2	5.2	4.76	5.12	4.43	NO NO
L0004103	0	0.39063E-02	466050.7	3672230.7	5.0	4.76	5.12	4.43	NO NO
L0004104	0	0.39063E-02	466056.2	3672240.3	4.5	4.76	5.12	4.43	NO NO
L0004105	0	0.39063E-02	466061.8	3672249.8	4.5	4.76	5.12	4.43	NO NO
L0004106	0	0.39063E-02	466067.3	3672259.3	4.6	4.76	5.12		

```
4.43     NO                    NO
 L0004107         0   0.39063E-02  466072.8 3672268.8     4.6     4.76     5.12
4.43     NO                    NO
 L0004108         0   0.39063E-02  466078.3 3672278.3     4.8     4.76     5.12
4.43     NO                    NO
 L0004109         0   0.39063E-02  466083.8 3672287.9     5.3     4.76     5.12
4.43     NO                    NO
 L0004110         0   0.39063E-02  466089.3 3672297.4     5.8     4.76     5.12
4.43     NO                    NO
 L0004111         0   0.39063E-02  466094.8 3672306.9     6.1     4.76     5.12
4.43     NO                    NO
 L0004112         0   0.39063E-02  466100.3 3672316.4     6.1     4.76     5.12
4.43     NO                    NO
 L0004113         0   0.39063E-02  466105.8 3672326.0     6.2     4.76     5.12
4.43     NO                    NO
 L0004114         0   0.39063E-02  466112.7 3672334.2     6.4     4.76     5.12
4.43     NO                    NO
 L0004115         0   0.39063E-02  466121.6 3672340.6     6.4     4.76     5.12
4.43     NO                    NO
 L0004116         0   0.39063E-02  466130.6 3672347.1     6.5     4.76     5.12
4.43     NO                    NO
 L0004117         0   0.39063E-02  466139.5 3672353.5     6.6     4.76     5.12
4.43     NO                    NO
 L0004118         0   0.39063E-02  466148.4 3672360.0     6.5     4.76     5.12
4.43     NO                    NO
 L0004119         0   0.39063E-02  466157.3 3672366.5     6.0     4.76     5.12
4.43     NO                    NO
 L0004120         0   0.39063E-02  466166.2 3672372.9     5.7     4.76     5.12
4.43     NO                    NO
 L0004121         0   0.39063E-02  466173.9 3672380.4     6.0     4.76     5.12
4.43     NO                    NO
 L0004122         0   0.39063E-02  466178.3 3672390.4     6.4     4.76     5.12
4.43     NO                    NO
 L0004123         0   0.39063E-02  466184.2 3672399.3     6.7     4.76     5.12
4.43     NO                    NO
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
L0004107	0	0.39063E-02	466072.8	3672268.8	4.6	4.76	5.12	4.43	NO	NO	NO
L0004108	0	0.39063E-02	466078.3	3672278.3	4.8	4.76	5.12	4.43	NO	NO	NO
L0004109	0	0.39063E-02	466083.8	3672287.9	5.3	4.76	5.12	4.43	NO	NO	NO
L0004110	0	0.39063E-02	466089.3	3672297.4	5.8	4.76	5.12	4.43	NO	NO	NO
L0004111	0	0.39063E-02	466094.8	3672306.9	6.1	4.76	5.12	4.43	NO	NO	NO
L0004112	0	0.39063E-02	466100.3	3672316.4	6.1	4.76	5.12	4.43	NO	NO	NO
L0004113	0	0.39063E-02	466105.8	3672326.0	6.2	4.76	5.12	4.43	NO	NO	NO
L0004114	0	0.39063E-02	466112.7	3672334.2	6.4	4.76	5.12	4.43	NO	NO	NO
L0004115	0	0.39063E-02	466121.6	3672340.6	6.4	4.76	5.12	4.43	NO	NO	NO
L0004116	0	0.39063E-02	466130.6	3672347.1	6.5	4.76	5.12	4.43	NO	NO	NO
L0004117	0	0.39063E-02	466139.5	3672353.5	6.6	4.76	5.12	4.43	NO	NO	NO
L0004118	0	0.39063E-02	466148.4	3672360.0	6.5	4.76	5.12	4.43	NO	NO	NO
L0004119	0	0.39063E-02	466157.3	3672366.5	6.0	4.76	5.12	4.43	NO	NO	NO
L0004120	0	0.39063E-02	466166.2	3672372.9	5.7	4.76	5.12	4.43	NO	NO	NO
L0004121	0	0.39063E-02	466173.9	3672380.4	6.0	4.76	5.12	4.43	NO	NO	NO
L0004122	0	0.39063E-02	466178.3	3672390.4	6.4	4.76	5.12	4.43	NO	NO	NO
L0004123	0	0.39063E-02	466184.2	3672399.3	6.7	4.76	5.12	4.43	NO	NO	NO

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004124	0	0.39063E-02	466193.2	3672405.7	6.5	4.76	5.12	4.43	NO NO
L0004125	0	0.39063E-02	466202.2	3672412.0	8.5	4.76	5.12	4.43	NO NO
L0004126	0	0.39063E-02	466211.1	3672418.4	11.7	4.76	5.12	4.43	NO NO
L0004127	0	0.39063E-02	466220.1	3672424.8	15.1	4.76	5.12	4.43	NO NO
L0004128	0	0.39063E-02	466229.1	3672431.1	15.9	4.76	5.12	4.43	NO NO
L0004129	0	0.39063E-02	466238.0	3672437.5	16.0	4.76	5.12	4.43	NO NO
L0004130	0	0.39063E-02	466247.0	3672443.9	15.9	4.76	5.12	4.43	NO NO
L0004131	0	0.39063E-02	466256.0	3672450.3	13.6	4.76	5.12	4.43	NO NO
L0004132	0	0.39063E-02	466264.9	3672456.6	9.8	4.76	5.12	4.43	NO NO
L0004133	0	0.39063E-02	466273.9	3672463.0	6.9	4.76	5.12	4.43	NO NO
L0004134	0	0.39063E-02	466282.9	3672469.4	7.2	4.76	5.12	4.43	NO NO
L0004135	0	0.39063E-02	466291.8	3672475.7	7.5	4.76	5.12	4.43	NO NO
L0004136	0	0.39063E-02	466300.8	3672482.1	7.5	4.76	5.12	4.43	NO NO
L0004137	0	0.39063E-02	466309.8	3672488.5	7.1	4.76	5.12	4.43	NO NO
L0004138	0	0.39063E-02	466318.7	3672494.8	7.0	4.76	5.12	4.43	NO NO
L0004139	0	0.39063E-02	466327.7	3672501.2	7.0	4.76	5.12	4.43	NO NO
L0004140	0	0.23585E-02	465781.6	3670987.5	7.2	4.76	5.12	4.43	NO NO
L0004141	0	0.23585E-02	465775.4	3670996.5	6.8	4.76	5.12	4.43	NO NO
L0004142	0	0.23585E-02	465769.1	3671005.6	6.4	4.76	5.12	4.43	NO NO
L0004143	0	0.23585E-02	465762.8	3671014.6	6.0	4.76	5.12	4.43	NO NO
L0004144	0	0.23585E-02	465756.6	3671023.7	6.2	4.76	5.12	4.43	NO NO
L0004145	0	0.23585E-02	465750.3	3671032.7	7.1	4.76	5.12	4.43	NO NO
L0004146	0	0.23585E-02	465744.1	3671041.8	6.7	4.76	5.12		

4.43 NO NO
L0004147 0 0.23585E-02 465737.8 3671050.8 5.8 4.76 5.12
4.43 NO NO
L0004148 0 0.23585E-02 465731.5 3671059.9 5.9 4.76 5.12
4.43 NO NO
L0004149 0 0.23585E-02 465725.3 3671068.9 7.2 4.76 5.12
4.43 NO NO
L0004150 0 0.23585E-02 465719.0 3671077.9 5.5 4.76 5.12
4.43 NO NO
L0004151 0 0.23585E-02 465712.8 3671087.0 3.8 4.76 5.12
4.43 NO NO
L0004152 0 0.23585E-02 465706.5 3671096.0 2.8 4.76 5.12
4.43 NO NO
L0004153 0 0.23585E-02 465700.3 3671105.1 2.5 4.76 5.12
4.43 NO NO
L0004154 0 0.23585E-02 465694.0 3671114.1 2.5 4.76 5.12
4.43 NO NO
L0004155 0 0.23585E-02 465687.7 3671123.1 2.6 4.76 5.12
4.43 NO NO
L0004156 0 0.23585E-02 465681.3 3671132.1 2.6 4.76 5.12
4.43 NO NO
L0004157 0 0.23585E-02 465675.0 3671141.1 3.2 4.76 5.12
4.43 NO NO
L0004158 0 0.23585E-02 465668.6 3671150.1 4.3 4.76 5.12
4.43 NO NO
L0004159 0 0.23585E-02 465662.3 3671159.1 5.5 4.76 5.12
4.43 NO NO
L0004160 0 0.23585E-02 465655.9 3671168.0 6.3 4.76 5.12
4.43 NO NO
L0004161 0 0.23585E-02 465649.6 3671177.0 6.6 4.76 5.12
4.43 NO NO
L0004162 0 0.23585E-02 465643.2 3671186.0 6.3 4.76 5.12
4.43 NO NO
L0004163 0 0.23585E-02 465636.8 3671195.0 6.0 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004164	0	0.23585E-02	465630.5	3671203.9	6.1	4.76	5.12	4.43	NO NO
L0004165	0	0.23585E-02	465624.1	3671212.9	6.8	4.76	5.12	4.43	NO NO
L0004166	0	0.23585E-02	465617.8	3671221.9	7.5	4.76	5.12	4.43	NO NO
L0004167	0	0.23585E-02	465611.4	3671230.9	7.8	4.76	5.12	4.43	NO NO
L0004168	0	0.23585E-02	465605.1	3671239.9	8.0	4.76	5.12	4.43	NO NO
L0004169	0	0.23585E-02	465598.7	3671248.8	8.4	4.76	5.12	4.43	NO NO
L0004170	0	0.23585E-02	465592.4	3671257.8	8.7	4.76	5.12	4.43	NO NO
L0004171	0	0.23585E-02	465586.0	3671266.8	8.9	4.76	5.12	4.43	NO NO
L0004172	0	0.23585E-02	465579.7	3671275.8	9.0	4.76	5.12	4.43	NO NO
L0004173	0	0.23585E-02	465573.3	3671284.8	9.1	4.76	5.12	4.43	NO NO
L0004174	0	0.23585E-02	465567.0	3671293.7	9.3	4.76	5.12	4.43	NO NO
L0004175	0	0.23585E-02	465560.6	3671302.7	9.6	4.76	5.12	4.43	NO NO
L0004176	0	0.23585E-02	465554.3	3671311.7	9.6	4.76	5.12	4.43	NO NO
L0004177	0	0.23585E-02	465547.9	3671320.7	9.7	4.76	5.12	4.43	NO NO
L0004178	0	0.23585E-02	465541.6	3671329.7	10.3	4.76	5.12	4.43	NO NO
L0004179	0	0.23585E-02	465535.3	3671338.7	10.4	4.76	5.12	4.43	NO NO
L0004180	0	0.23585E-02	465528.9	3671347.7	10.2	4.76	5.12	4.43	NO NO
L0004181	0	0.23585E-02	465522.6	3671356.7	10.2	4.76	5.12	4.43	NO NO
L0004182	0	0.23585E-02	465516.2	3671365.7	10.5	4.76	5.12	4.43	NO NO
L0004183	0	0.23585E-02	465509.9	3671374.6	10.5	4.76	5.12	4.43	NO NO
L0004184	0	0.23585E-02	465503.6	3671383.6	10.1	4.76	5.12	4.43	NO NO
L0004185	0	0.23585E-02	465497.2	3671392.6	9.9	4.76	5.12	4.43	NO NO
L0004186	0	0.23585E-02	465490.9	3671401.6	10.1	4.76	5.12		

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4.43     NO                    NO
 L0004187         0   0.23585E-02  465484.5 3671410.6    10.9     4.76     5.12
4.43     NO                    NO
 L0004188         0   0.23585E-02  465478.2 3671419.6    11.4     4.76     5.12
4.43     NO                    NO
 L0004189         0   0.23585E-02  465471.9 3671428.6    11.5     4.76     5.12
4.43     NO                    NO
 L0004190         0   0.23585E-02  465465.5 3671437.6    11.3     4.76     5.12
4.43     NO                    NO
 L0004191         0   0.23585E-02  465459.2 3671446.6    11.5     4.76     5.12
4.43     NO                    NO
 L0004192         0   0.23585E-02  465452.8 3671455.5    11.7     4.76     5.12
4.43     NO                    NO
 L0004193         0   0.23585E-02  465446.5 3671464.5    11.7     4.76     5.12
4.43     NO                    NO
 L0004194         0   0.23585E-02  465440.1 3671473.5    11.6     4.76     5.12
4.43     NO                    NO
 L0004195         0   0.23585E-02  465433.8 3671482.5    11.8     4.76     5.12
4.43     NO                    NO
 L0004196         0   0.23585E-02  465427.5 3671491.5    11.9     4.76     5.12
4.43     NO                    NO
 L0004197         0   0.23585E-02  465421.1 3671500.5    12.0     4.76     5.12
4.43     NO                    NO
 L0004198         0   0.23585E-02  465414.8 3671509.5    12.0     4.76     5.12
4.43     NO                    NO
 L0004199         0   0.23585E-02  465408.4 3671518.4    12.1     4.76     5.12
4.43     NO                    NO
 L0004200         0   0.23585E-02  465402.1 3671527.4    12.1     4.76     5.12
4.43     NO                    NO
 L0004201         0   0.23585E-02  465395.7 3671536.4    12.0     4.76     5.12
4.43     NO                    NO
 L0004202         0   0.23585E-02  465389.4 3671545.4    12.2     4.76     5.12
4.43     NO                    NO
 L0004203         0   0.23585E-02  465383.0 3671554.4    12.5     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004204	0	0.23585E-02	465376.7	3671563.4	12.7	4.76	5.12	4.43	NO NO
L0004205	0	0.23585E-02	465370.3	3671572.3	12.8	4.76	5.12	4.43	NO NO
L0004206	0	0.23585E-02	465364.0	3671581.3	12.8	4.76	5.12	4.43	NO NO
L0004207	0	0.23585E-02	465357.7	3671590.4	12.7	4.76	5.12	4.43	NO NO
L0004208	0	0.23585E-02	465351.4	3671599.4	12.6	4.76	5.12	4.43	NO NO
L0004209	0	0.23585E-02	465345.1	3671608.4	12.7	4.76	5.12	4.43	NO NO
L0004210	0	0.23585E-02	465338.8	3671617.4	12.8	4.76	5.12	4.43	NO NO
L0004211	0	0.23585E-02	465332.5	3671626.5	12.9	4.76	5.12	4.43	NO NO
L0004212	0	0.23585E-02	465326.3	3671635.5	12.8	4.76	5.12	4.43	NO NO
L0004213	0	0.23585E-02	465320.0	3671644.5	12.9	4.76	5.12	4.43	NO NO
L0004214	0	0.23585E-02	465313.7	3671653.5	13.2	4.76	5.12	4.43	NO NO
L0004215	0	0.23585E-02	465307.4	3671662.5	13.1	4.76	5.12	4.43	NO NO
L0004216	0	0.23585E-02	465301.1	3671671.6	12.9	4.76	5.12	4.43	NO NO
L0004217	0	0.23585E-02	465294.8	3671680.6	13.0	4.76	5.12	4.43	NO NO
L0004218	0	0.23585E-02	465288.5	3671689.6	13.3	4.76	5.12	4.43	NO NO
L0004219	0	0.23585E-02	465282.2	3671698.6	13.2	4.76	5.12	4.43	NO NO
L0004220	0	0.23585E-02	465275.9	3671707.7	13.2	4.76	5.12	4.43	NO NO
L0004221	0	0.23585E-02	465269.6	3671716.7	13.0	4.76	5.12	4.43	NO NO
L0004222	0	0.23585E-02	465263.3	3671725.7	13.0	4.76	5.12	4.43	NO NO
L0004223	0	0.23585E-02	465257.0	3671734.7	13.0	4.76	5.12	4.43	NO NO
L0004224	0	0.23585E-02	465250.8	3671743.8	13.0	4.76	5.12	4.43	NO NO
L0004225	0	0.23585E-02	465244.5	3671752.8	13.1	4.76	5.12	4.43	NO NO
L0004226	0	0.23585E-02	465238.2	3671761.8	13.2	4.76	5.12		

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4.43     NO                    NO
 L0004227         0   0.23585E-02  465231.9 3671770.8    13.1     4.76     5.12
4.43     NO                    NO
 L0004228         0   0.23585E-02  465225.6 3671779.9    13.2     4.76     5.12
4.43     NO                    NO
 L0004229         0   0.23585E-02  465219.3 3671788.9    13.2     4.76     5.12
4.43     NO                    NO
 L0004230         0   0.23585E-02  465213.0 3671797.9    13.2     4.76     5.12
4.43     NO                    NO
 L0004231         0   0.23585E-02  465206.7 3671806.9    13.1     4.76     5.12
4.43     NO                    NO
 L0004232         0   0.23585E-02  465200.4 3671816.0    13.0     4.76     5.12
4.43     NO                    NO
 L0004233         0   0.23585E-02  465194.1 3671825.0    12.9     4.76     5.12
4.43     NO                    NO
 L0004234         0   0.23585E-02  465187.9 3671834.0    13.0     4.76     5.12
4.43     NO                    NO
 L0004235         0   0.23585E-02  465181.6 3671843.0    13.0     4.76     5.12
4.43     NO                    NO
 L0004236         0   0.23585E-02  465175.2 3671852.0    12.5     4.76     5.12
4.43     NO                    NO
 L0004237         0   0.23585E-02  465168.9 3671861.0    12.5     4.76     5.12
4.43     NO                    NO
 L0004238         0   0.23585E-02  465162.6 3671870.0    12.9     4.76     5.12
4.43     NO                    NO
 L0004239         0   0.23585E-02  465156.3 3671879.0    13.0     4.76     5.12
4.43     NO                    NO
 L0004240         0   0.23585E-02  465150.0 3671888.0    12.6     4.76     5.12
4.43     NO                    NO
 L0004241         0   0.23585E-02  465143.6 3671897.0    12.6     4.76     5.12
4.43     NO                    NO
 L0004242         0   0.23585E-02  465137.3 3671906.0    12.9     4.76     5.12
4.43     NO                    NO
 L0004243         0   0.23585E-02  465131.0 3671915.1    12.8     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
L0004227	0	0.23585E-02	465231.9	3671770.8	13.1	4.76	5.12	4.43	NO	NO	NO
L0004228	0	0.23585E-02	465225.6	3671779.9	13.2	4.76	5.12	4.43	NO	NO	NO
L0004229	0	0.23585E-02	465219.3	3671788.9	13.2	4.76	5.12	4.43	NO	NO	NO
L0004230	0	0.23585E-02	465213.0	3671797.9	13.2	4.76	5.12	4.43	NO	NO	NO
L0004231	0	0.23585E-02	465206.7	3671806.9	13.1	4.76	5.12	4.43	NO	NO	NO
L0004232	0	0.23585E-02	465200.4	3671816.0	13.0	4.76	5.12	4.43	NO	NO	NO
L0004233	0	0.23585E-02	465194.1	3671825.0	12.9	4.76	5.12	4.43	NO	NO	NO
L0004234	0	0.23585E-02	465187.9	3671834.0	13.0	4.76	5.12	4.43	NO	NO	NO
L0004235	0	0.23585E-02	465181.6	3671843.0	13.0	4.76	5.12	4.43	NO	NO	NO
L0004236	0	0.23585E-02	465175.2	3671852.0	12.5	4.76	5.12	4.43	NO	NO	NO
L0004237	0	0.23585E-02	465168.9	3671861.0	12.5	4.76	5.12	4.43	NO	NO	NO
L0004238	0	0.23585E-02	465162.6	3671870.0	12.9	4.76	5.12	4.43	NO	NO	NO
L0004239	0	0.23585E-02	465156.3	3671879.0	13.0	4.76	5.12	4.43	NO	NO	NO
L0004240	0	0.23585E-02	465150.0	3671888.0	12.6	4.76	5.12	4.43	NO	NO	NO
L0004241	0	0.23585E-02	465143.6	3671897.0	12.6	4.76	5.12	4.43	NO	NO	NO
L0004242	0	0.23585E-02	465137.3	3671906.0	12.9	4.76	5.12	4.43	NO	NO	NO
L0004243	0	0.23585E-02	465131.0	3671915.1	12.8	4.76	5.12	4.43	NO	NO	NO

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004244	0	0.23585E-02	465124.7	3671924.1	12.5	4.76	5.12	4.43	NO	NO
L0004245	0	0.23585E-02	465118.4	3671933.1	12.5	4.76	5.12	4.43	NO	NO
L0004246	0	0.23585E-02	465112.0	3671942.1	12.5	4.76	5.12	4.43	NO	NO
L0004247	0	0.23585E-02	465105.7	3671951.1	12.4	4.76	5.12	4.43	NO	NO
L0004248	0	0.23585E-02	465099.4	3671960.1	12.3	4.76	5.12	4.43	NO	NO
L0004249	0	0.23585E-02	465093.0	3671969.0	12.3	4.76	5.12	4.43	NO	NO
L0004250	0	0.23585E-02	465086.7	3671978.0	12.3	4.76	5.12	4.43	NO	NO
L0004251	0	0.23585E-02	465080.4	3671987.0	12.5	4.76	5.12	4.43	NO	NO
L0004252	0	0.23585E-02	465074.0	3671996.0	12.6	4.76	5.12	4.43	NO	NO
L0004253	0	0.23585E-02	465067.7	3672005.0	12.4	4.76	5.12	4.43	NO	NO
L0004254	0	0.23585E-02	465061.3	3672014.0	12.5	4.76	5.12	4.43	NO	NO
L0004255	0	0.23585E-02	465055.0	3672022.9	12.9	4.76	5.12	4.43	NO	NO
L0004256	0	0.23585E-02	465048.6	3672031.9	12.6	4.76	5.12	4.43	NO	NO
L0004257	0	0.23585E-02	465042.3	3672040.9	12.3	4.76	5.12	4.43	NO	NO
L0004258	0	0.23585E-02	465035.9	3672049.9	12.5	4.76	5.12	4.43	NO	NO
L0004259	0	0.23585E-02	465029.6	3672058.9	13.0	4.76	5.12	4.43	NO	NO
L0004260	0	0.23585E-02	465023.2	3672067.9	12.7	4.76	5.12	4.43	NO	NO
L0004261	0	0.23585E-02	465016.9	3672076.8	12.7	4.76	5.12	4.43	NO	NO
L0004262	0	0.23585E-02	465010.5	3672085.8	12.9	4.76	5.12	4.43	NO	NO
L0004263	0	0.23585E-02	465004.2	3672094.8	13.2	4.76	5.12	4.43	NO	NO
L0004264	0	0.23585E-02	464997.8	3672103.8	13.0	4.76	5.12	4.43	NO	NO
L0004265	0	0.23585E-02	464991.5	3672112.8	12.8	4.76	5.12	4.43	NO	NO
L0004266	0	0.23585E-02	464985.1	3672121.8	12.7	4.76	5.12			

4.43 NO NO
L0004267 0 0.23585E-02 464978.8 3672130.8 12.5 4.76 5.12
4.43 NO NO
L0004268 0 0.23585E-02 464972.4 3672139.7 12.5 4.76 5.12
4.43 NO NO
L0004269 0 0.23585E-02 464966.1 3672148.7 12.4 4.76 5.12
4.43 NO NO
L0004270 0 0.23585E-02 464959.7 3672157.7 12.5 4.76 5.12
4.43 NO NO
L0004271 0 0.23585E-02 464953.4 3672166.7 12.6 4.76 5.12
4.43 NO NO
L0004272 0 0.23585E-02 464947.1 3672175.7 12.6 4.76 5.12
4.43 NO NO
L0004273 0 0.23585E-02 464940.7 3672184.7 12.6 4.76 5.12
4.43 NO NO
L0004274 0 0.23585E-02 464934.4 3672193.6 12.7 4.76 5.12
4.43 NO NO
L0004275 0 0.23585E-02 464928.0 3672202.6 12.9 4.76 5.12
4.43 NO NO
L0004276 0 0.23585E-02 464921.7 3672211.6 13.0 4.76 5.12
4.43 NO NO
L0004277 0 0.23585E-02 464915.3 3672220.6 12.9 4.76 5.12
4.43 NO NO
L0004278 0 0.23585E-02 464909.0 3672229.6 12.9 4.76 5.12
4.43 NO NO
L0004279 0 0.23585E-02 464902.6 3672238.6 13.4 4.76 5.12
4.43 NO NO
L0004280 0 0.23585E-02 464896.3 3672247.5 13.4 4.76 5.12
4.43 NO NO
L0004281 0 0.23585E-02 464889.9 3672256.5 13.2 4.76 5.12
4.43 NO NO
L0004282 0 0.23585E-02 464883.6 3672265.5 13.3 4.76 5.12
4.43 NO NO
L0004283 0 0.23585E-02 464877.2 3672274.5 13.6 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004284	0	0.23585E-02	464870.9	3672283.5	13.6	4.76	5.12	4.43	NO	NO
L0004285	0	0.23585E-02	464864.5	3672292.5	13.5	4.76	5.12	4.43	NO	NO
L0004286	0	0.23585E-02	464858.2	3672301.4	13.7	4.76	5.12	4.43	NO	NO
L0004287	0	0.23585E-02	464851.8	3672310.4	13.8	4.76	5.12	4.43	NO	NO
L0004288	0	0.23585E-02	464845.5	3672319.4	13.6	4.76	5.12	4.43	NO	NO
L0004289	0	0.23585E-02	464839.1	3672328.4	13.4	4.76	5.12	4.43	NO	NO
L0004290	0	0.23585E-02	464832.8	3672337.4	13.2	4.76	5.12	4.43	NO	NO
L0004291	0	0.23585E-02	464826.4	3672346.4	13.2	4.76	5.12	4.43	NO	NO
L0004292	0	0.23585E-02	464820.1	3672355.3	13.1	4.76	5.12	4.43	NO	NO
L0004293	0	0.23585E-02	464813.8	3672364.3	13.1	4.76	5.12	4.43	NO	NO
L0004294	0	0.23585E-02	464807.4	3672373.3	13.3	4.76	5.12	4.43	NO	NO
L0004295	0	0.23585E-02	464801.1	3672382.3	13.5	4.76	5.12	4.43	NO	NO
L0004296	0	0.23585E-02	464794.7	3672391.3	13.6	4.76	5.12	4.43	NO	NO
L0004297	0	0.23585E-02	464788.4	3672400.3	13.6	4.76	5.12	4.43	NO	NO
L0004298	0	0.23585E-02	464782.0	3672409.2	13.6	4.76	5.12	4.43	NO	NO
L0004299	0	0.23585E-02	464775.7	3672418.2	13.8	4.76	5.12	4.43	NO	NO
L0004300	0	0.23585E-02	464769.3	3672427.2	14.1	4.76	5.12	4.43	NO	NO
L0004301	0	0.23585E-02	464763.0	3672436.2	14.0	4.76	5.12	4.43	NO	NO
L0004302	0	0.23585E-02	464756.6	3672445.2	14.0	4.76	5.12	4.43	NO	NO
L0004303	0	0.23585E-02	464750.3	3672454.2	14.1	4.76	5.12	4.43	NO	NO
L0004304	0	0.23585E-02	464743.9	3672463.1	14.1	4.76	5.12	4.43	NO	NO
L0004305	0	0.23585E-02	464737.6	3672472.1	14.1	4.76	5.12	4.43	NO	NO
L0004306	0	0.23585E-02	464731.2	3672481.1	14.1	4.76	5.12			

4.43 NO NO
L0004307 0 0.23585E-02 464724.9 3672490.1 14.3 4.76 5.12
4.43 NO NO
L0004308 0 0.23585E-02 464718.5 3672499.1 14.3 4.76 5.12
4.43 NO NO
L0004309 0 0.23585E-02 464712.2 3672508.1 14.2 4.76 5.12
4.43 NO NO
L0004310 0 0.23585E-02 464705.8 3672517.1 14.1 4.76 5.12
4.43 NO NO
L0004311 0 0.23585E-02 464699.5 3672526.0 14.0 4.76 5.12
4.43 NO NO
L0004312 0 0.23585E-02 464693.1 3672535.0 14.0 4.76 5.12
4.43 NO NO
L0004313 0 0.23585E-02 464686.8 3672544.0 14.1 4.76 5.12
4.43 NO NO
L0004314 0 0.23585E-02 464680.5 3672553.0 14.3 4.76 5.12
4.43 NO NO
L0004315 0 0.23585E-02 464674.1 3672562.0 14.5 4.76 5.12
4.43 NO NO
L0004316 0 0.23585E-02 464667.8 3672571.0 14.5 4.76 5.12
4.43 NO NO
L0004317 0 0.23585E-02 464661.4 3672579.9 14.5 4.76 5.12
4.43 NO NO
L0004318 0 0.23585E-02 464655.1 3672588.9 14.5 4.76 5.12
4.43 NO NO
L0004319 0 0.23585E-02 464648.7 3672597.9 14.4 4.76 5.12
4.43 NO NO
L0004320 0 0.23585E-02 464642.4 3672606.9 14.4 4.76 5.12
4.43 NO NO
L0004321 0 0.23585E-02 464636.1 3672615.9 14.4 4.76 5.12
4.43 NO NO
L0004322 0 0.23585E-02 464629.8 3672625.0 14.4 4.76 5.12
4.43 NO NO
L0004323 0 0.23585E-02 464623.6 3672634.0 14.4 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004324	0	0.23585E-02	464617.3	3672643.0	14.4	4.76	5.12	4.43	NO NO
L0004325	0	0.23585E-02	464611.0	3672652.1	14.4	4.76	5.12	4.43	NO NO
L0004326	0	0.23585E-02	464604.7	3672661.1	14.5	4.76	5.12	4.43	NO NO
L0004327	0	0.23585E-02	464598.5	3672670.1	14.5	4.76	5.12	4.43	NO NO
L0004328	0	0.23585E-02	464592.2	3672679.2	14.4	4.76	5.12	4.43	NO NO
L0004329	0	0.23585E-02	464585.9	3672688.2	14.4	4.76	5.12	4.43	NO NO
L0004330	0	0.23585E-02	464579.6	3672697.3	14.5	4.76	5.12	4.43	NO NO
L0004331	0	0.23585E-02	464573.4	3672706.3	14.7	4.76	5.12	4.43	NO NO
L0004332	0	0.23585E-02	464567.1	3672715.3	14.7	4.76	5.12	4.43	NO NO
L0004333	0	0.23585E-02	464560.8	3672724.4	14.5	4.76	5.12	4.43	NO NO
L0004334	0	0.23585E-02	464554.5	3672733.4	14.5	4.76	5.12	4.43	NO NO
L0004335	0	0.23585E-02	464548.3	3672742.4	14.5	4.76	5.12	4.43	NO NO
L0004336	0	0.23585E-02	464542.0	3672751.5	14.5	4.76	5.12	4.43	NO NO
L0004337	0	0.23585E-02	464535.7	3672760.5	14.5	4.76	5.12	4.43	NO NO
L0004338	0	0.23585E-02	464529.4	3672769.5	14.5	4.76	5.12	4.43	NO NO
L0004339	0	0.23585E-02	464523.2	3672778.6	14.5	4.76	5.12	4.43	NO NO
L0004340	0	0.23585E-02	464516.9	3672787.6	14.6	4.76	5.12	4.43	NO NO
L0004341	0	0.23585E-02	464510.6	3672796.6	14.5	4.76	5.12	4.43	NO NO
L0004342	0	0.23585E-02	464504.3	3672805.7	14.5	4.76	5.12	4.43	NO NO
L0004343	0	0.23585E-02	464498.1	3672814.7	14.5	4.76	5.12	4.43	NO NO
L0004344	0	0.23585E-02	464491.7	3672823.7	14.4	4.76	5.12	4.43	NO NO
L0004345	0	0.23585E-02	464485.3	3672832.6	14.3	4.76	5.12	4.43	NO NO
L0004346	0	0.23585E-02	464478.9	3672841.6	14.3	4.76	5.12		

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4.43     NO                    NO
 L0004347         0   0.23585E-02  464472.5 3672850.5    14.3     4.76     5.12
4.43     NO                    NO
 L0004348         0   0.23585E-02  464466.1 3672859.5    14.3     4.76     5.12
4.43     NO                    NO
 L0004349         0   0.23585E-02  464459.7 3672868.4    14.3     4.76     5.12
4.43     NO                    NO
 L0004350         0   0.23585E-02  464453.3 3672877.4    14.2     4.76     5.12
4.43     NO                    NO
 L0004351         0   0.23585E-02  464446.9 3672886.3    14.2     4.76     5.12
4.43     NO                    NO
 L0004352         0   0.23585E-02  464440.5 3672895.3    14.2     4.76     5.12
4.43     NO                    NO
 L0004353         0   0.23585E-02  464434.1 3672904.2    14.3     4.76     5.12
4.43     NO                    NO
 L0004354         0   0.23585E-02  464427.7 3672913.2    14.5     4.76     5.12
4.43     NO                    NO
 L0004355         0   0.23585E-02  464421.3 3672922.1    14.6     4.76     5.12
4.43     NO                    NO
 L0004356         0   0.23585E-02  464414.9 3672931.0    14.7     4.76     5.12
4.43     NO                    NO
 L0004357         0   0.23585E-02  464408.5 3672940.0    14.7     4.76     5.12
4.43     NO                    NO
 L0004358         0   0.23585E-02  464402.2 3672949.0    14.6     4.76     5.12
4.43     NO                    NO
 L0004359         0   0.23585E-02  464395.9 3672958.0    14.5     4.76     5.12
4.43     NO                    NO
 L0004360         0   0.23585E-02  464389.6 3672967.0    14.4     4.76     5.12
4.43     NO                    NO
 L0004361         0   0.23585E-02  464383.3 3672976.1    14.3     4.76     5.12
4.43     NO                    NO
 L0004362         0   0.23585E-02  464377.0 3672985.1    14.2     4.76     5.12
4.43     NO                    NO
 L0004363         0   0.23585E-02  464370.7 3672994.1    14.2     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004364	0	0.23585E-02	464364.4	3673003.1	14.3	4.76	5.12	4.43	NO NO
L0004365	0	0.23585E-02	464358.1	3673012.1	14.2	4.76	5.12	4.43	NO NO
L0004366	0	0.23585E-02	464351.8	3673021.1	13.9	4.76	5.12	4.43	NO NO
L0004367	0	0.23585E-02	464345.6	3673030.2	13.8	4.76	5.12	4.43	NO NO
L0004368	0	0.23585E-02	464339.4	3673039.3	14.0	4.76	5.12	4.43	NO NO
L0004369	0	0.23585E-02	464333.2	3673048.4	14.3	4.76	5.12	4.43	NO NO
L0004370	0	0.23585E-02	464327.0	3673057.5	14.4	4.76	5.12	4.43	NO NO
L0004371	0	0.23585E-02	464320.7	3673066.5	14.4	4.76	5.12	4.43	NO NO
L0004372	0	0.23585E-02	464314.4	3673075.5	14.5	4.76	5.12	4.43	NO NO
L0004373	0	0.23585E-02	464308.0	3673084.5	14.4	4.76	5.12	4.43	NO NO
L0004374	0	0.23585E-02	464301.7	3673093.5	14.3	4.76	5.12	4.43	NO NO
L0004375	0	0.23585E-02	464295.4	3673102.5	14.1	4.76	5.12	4.43	NO NO
L0004376	0	0.23585E-02	464289.1	3673111.5	13.9	4.76	5.12	4.43	NO NO
L0004377	0	0.23585E-02	464282.8	3673120.5	13.9	4.76	5.12	4.43	NO NO
L0004378	0	0.23585E-02	464276.4	3673129.5	14.1	4.76	5.12	4.43	NO NO
L0004379	0	0.23585E-02	464270.1	3673138.5	14.1	4.76	5.12	4.43	NO NO
L0004380	0	0.23585E-02	464263.8	3673147.5	14.1	4.76	5.12	4.43	NO NO
L0004381	0	0.23585E-02	464257.5	3673156.5	14.1	4.76	5.12	4.43	NO NO
L0004382	0	0.23585E-02	464251.2	3673165.5	14.2	4.76	5.12	4.43	NO NO
L0004383	0	0.23585E-02	464244.9	3673174.5	14.2	4.76	5.12	4.43	NO NO
L0004384	0	0.23585E-02	464238.5	3673183.5	14.2	4.76	5.12	4.43	NO NO
L0004385	0	0.23585E-02	464232.2	3673192.5	14.3	4.76	5.12	4.43	NO NO
L0004386	0	0.23585E-02	464225.9	3673201.5	14.3	4.76	5.12		

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4.43     NO                    NO
 L0004387         0   0.23585E-02  464219.6 3673210.6    14.2     4.76     5.12
4.43     NO                    NO
 L0004388         0   0.23585E-02  464213.3 3673219.6    14.2     4.76     5.12
4.43     NO                    NO
 L0004389         0   0.23585E-02  464207.0 3673228.6    14.3     4.76     5.12
4.43     NO                    NO
 L0004390         0   0.23585E-02  464200.6 3673237.6    14.3     4.76     5.12
4.43     NO                    NO
 L0004391         0   0.23585E-02  464194.3 3673246.6    14.2     4.76     5.12
4.43     NO                    NO
 L0004392         0   0.23585E-02  464188.0 3673255.6    14.1     4.76     5.12
4.43     NO                    NO
 L0004393         0   0.23585E-02  464181.7 3673264.6    14.0     4.76     5.12
4.43     NO                    NO
 L0004394         0   0.23585E-02  464175.4 3673273.6    14.0     4.76     5.12
4.43     NO                    NO
 L0004395         0   0.23585E-02  464169.1 3673282.6    14.1     4.76     5.12
4.43     NO                    NO
 L0004396         0   0.23585E-02  464162.7 3673291.6    14.1     4.76     5.12
4.43     NO                    NO
 L0004397         0   0.23585E-02  464156.4 3673300.6    14.2     4.76     5.12
4.43     NO                    NO
 L0004398         0   0.23585E-02  464150.1 3673309.6    14.2     4.76     5.12
4.43     NO                    NO
 L0004399         0   0.23585E-02  464143.8 3673318.6    14.3     4.76     5.12
4.43     NO                    NO
 L0004400         0   0.23585E-02  464137.5 3673327.6    14.3     4.76     5.12
4.43     NO                    NO
 L0004401         0   0.23585E-02  464131.1 3673336.6    14.1     4.76     5.12
4.43     NO                    NO
 L0004402         0   0.23585E-02  464124.8 3673345.6    13.9     4.76     5.12
4.43     NO                    NO
 L0004403         0   0.23585E-02  464118.5 3673354.6    13.8     4.76     5.12
4.43     NO                    NO
```


*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
L0004387	0	0.23585E-02	464219.6	3673210.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0004388	0	0.23585E-02	464213.3	3673219.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0004389	0	0.23585E-02	464207.0	3673228.6	14.3	4.76	5.12	4.43	NO	NO	NO
L0004390	0	0.23585E-02	464200.6	3673237.6	14.3	4.76	5.12	4.43	NO	NO	NO
L0004391	0	0.23585E-02	464194.3	3673246.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0004392	0	0.23585E-02	464188.0	3673255.6	14.1	4.76	5.12	4.43	NO	NO	NO
L0004393	0	0.23585E-02	464181.7	3673264.6	14.0	4.76	5.12	4.43	NO	NO	NO
L0004394	0	0.23585E-02	464175.4	3673273.6	14.0	4.76	5.12	4.43	NO	NO	NO
L0004395	0	0.23585E-02	464169.1	3673282.6	14.1	4.76	5.12	4.43	NO	NO	NO
L0004396	0	0.23585E-02	464162.7	3673291.6	14.1	4.76	5.12	4.43	NO	NO	NO
L0004397	0	0.23585E-02	464156.4	3673300.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0004398	0	0.23585E-02	464150.1	3673309.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0004399	0	0.23585E-02	464143.8	3673318.6	14.3	4.76	5.12	4.43	NO	NO	NO
L0004400	0	0.23585E-02	464137.5	3673327.6	14.3	4.76	5.12	4.43	NO	NO	NO
L0004401	0	0.23585E-02	464131.1	3673336.6	14.1	4.76	5.12	4.43	NO	NO	NO
L0004402	0	0.23585E-02	464124.8	3673345.6	13.9	4.76	5.12	4.43	NO	NO	NO
L0004403	0	0.23585E-02	464118.5	3673354.6	13.8	4.76	5.12	4.43	NO	NO	NO

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004404	0	0.23585E-02	464112.2	3673363.6	13.8	4.76	5.12	4.43	NO	NO
L0004405	0	0.23585E-02	464105.9	3673372.6	13.6	4.76	5.12	4.43	NO	NO
L0004406	0	0.23585E-02	464099.6	3673381.6	13.4	4.76	5.12	4.43	NO	NO
L0004407	0	0.23585E-02	464093.2	3673390.7	13.5	4.76	5.12	4.43	NO	NO
L0004408	0	0.23585E-02	464086.9	3673399.7	13.5	4.76	5.12	4.43	NO	NO
L0004409	0	0.23585E-02	464080.6	3673408.7	13.3	4.76	5.12	4.43	NO	NO
L0004410	0	0.23585E-02	464074.3	3673417.7	13.1	4.76	5.12	4.43	NO	NO
L0004411	0	0.23585E-02	464068.0	3673426.7	13.4	4.76	5.12	4.43	NO	NO
L0004412	0	0.23585E-02	464061.7	3673435.7	13.2	4.76	5.12	4.43	NO	NO
L0004413	0	0.23585E-02	464055.3	3673444.7	12.6	4.76	5.12	4.43	NO	NO
L0004414	0	0.23585E-02	464049.0	3673453.7	12.5	4.76	5.12	4.43	NO	NO
L0004415	0	0.23585E-02	464042.7	3673462.7	13.1	4.76	5.12	4.43	NO	NO
L0004416	0	0.23585E-02	464036.4	3673471.7	13.1	4.76	5.12	4.43	NO	NO
L0004417	0	0.23585E-02	464030.1	3673480.7	12.5	4.76	5.12	4.43	NO	NO
L0004418	0	0.23585E-02	464023.8	3673489.7	12.6	4.76	5.12	4.43	NO	NO
L0004419	0	0.23585E-02	464017.4	3673498.7	13.0	4.76	5.12	4.43	NO	NO
L0004420	0	0.23585E-02	464011.1	3673507.7	13.0	4.76	5.12	4.43	NO	NO
L0004421	0	0.23585E-02	464004.8	3673516.7	12.5	4.76	5.12	4.43	NO	NO
L0004422	0	0.23585E-02	463998.5	3673525.7	11.9	4.76	5.12	4.43	NO	NO
L0004423	0	0.23585E-02	463992.2	3673534.7	11.7	4.76	5.12	4.43	NO	NO
L0004424	0	0.23585E-02	463985.8	3673543.7	11.5	4.76	5.12	4.43	NO	NO
L0004425	0	0.23585E-02	463979.5	3673552.7	11.3	4.76	5.12	4.43	NO	NO
L0004426	0	0.23585E-02	463973.2	3673561.8	10.7	4.76	5.12			

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4.43     NO                    NO
 L0004427         0   0.23585E-02  463966.9 3673570.8    10.3     4.76     5.12
4.43     NO                    NO
 L0004428         0   0.23585E-02  463960.6 3673579.8    10.4     4.76     5.12
4.43     NO                    NO
 L0004429         0   0.23585E-02  463954.3 3673588.8    10.4     4.76     5.12
4.43     NO                    NO
 L0004430         0   0.23585E-02  463947.9 3673597.8    10.3     4.76     5.12
4.43     NO                    NO
 L0004431         0   0.23585E-02  463941.6 3673606.8     9.7     4.76     5.12
4.43     NO                    NO
 L0004432         0   0.23585E-02  463935.7 3673616.0     9.3     4.76     5.12
4.43     NO                    NO
 L0004433         0   0.23585E-02  463930.2 3673625.5     9.2     4.76     5.12
4.43     NO                    NO
 L0004434         0   0.23585E-02  463924.6 3673635.0     9.4     4.76     5.12
4.43     NO                    NO
 L0004435         0   0.23585E-02  463919.0 3673644.5     9.2     4.76     5.12
4.43     NO                    NO
 L0004436         0   0.23585E-02  463913.5 3673654.0     9.1     4.76     5.12
4.43     NO                    NO
 L0004437         0   0.23585E-02  463908.3 3673663.7     9.1     4.76     5.12
4.43     NO                    NO
 L0004438         0   0.23585E-02  463903.0 3673673.4     9.4     4.76     5.12
4.43     NO                    NO
 L0004439         0   0.23585E-02  463897.7 3673683.0     9.0     4.76     5.12
4.43     NO                    NO
 L0004440         0   0.23585E-02  463892.5 3673692.7     8.8     4.76     5.12
4.43     NO                    NO
 L0004441         0   0.23585E-02  463887.2 3673702.3     8.7     4.76     5.12
4.43     NO                    NO
 L0004442         0   0.23585E-02  463882.0 3673712.0     8.8     4.76     5.12
4.43     NO                    NO
 L0004443         0   0.23585E-02  463877.9 3673722.2     8.8     4.76     5.12
4.43     NO                    NO
```


*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
L0004427	0	0.23585E-02	463966.9	3673570.8	10.3	4.76	5.12	4.43	NO	NO	NO
L0004428	0	0.23585E-02	463960.6	3673579.8	10.4	4.76	5.12	4.43	NO	NO	NO
L0004429	0	0.23585E-02	463954.3	3673588.8	10.4	4.76	5.12	4.43	NO	NO	NO
L0004430	0	0.23585E-02	463947.9	3673597.8	10.3	4.76	5.12	4.43	NO	NO	NO
L0004431	0	0.23585E-02	463941.6	3673606.8	9.7	4.76	5.12	4.43	NO	NO	NO
L0004432	0	0.23585E-02	463935.7	3673616.0	9.3	4.76	5.12	4.43	NO	NO	NO
L0004433	0	0.23585E-02	463930.2	3673625.5	9.2	4.76	5.12	4.43	NO	NO	NO
L0004434	0	0.23585E-02	463924.6	3673635.0	9.4	4.76	5.12	4.43	NO	NO	NO
L0004435	0	0.23585E-02	463919.0	3673644.5	9.2	4.76	5.12	4.43	NO	NO	NO
L0004436	0	0.23585E-02	463913.5	3673654.0	9.1	4.76	5.12	4.43	NO	NO	NO
L0004437	0	0.23585E-02	463908.3	3673663.7	9.1	4.76	5.12	4.43	NO	NO	NO
L0004438	0	0.23585E-02	463903.0	3673673.4	9.4	4.76	5.12	4.43	NO	NO	NO
L0004439	0	0.23585E-02	463897.7	3673683.0	9.0	4.76	5.12	4.43	NO	NO	NO
L0004440	0	0.23585E-02	463892.5	3673692.7	8.8	4.76	5.12	4.43	NO	NO	NO
L0004441	0	0.23585E-02	463887.2	3673702.3	8.7	4.76	5.12	4.43	NO	NO	NO
L0004442	0	0.23585E-02	463882.0	3673712.0	8.8	4.76	5.12	4.43	NO	NO	NO
L0004443	0	0.23585E-02	463877.9	3673722.2	8.8	4.76	5.12	4.43	NO	NO	NO

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004444	0	0.23585E-02	463873.9	3673732.5	8.9	4.76	5.12	4.43	NO
L0004445	0	0.23585E-02	463869.9	3673742.7	8.7	4.76	5.12	4.43	NO
L0004446	0	0.23585E-02	463866.0	3673753.0	8.6	4.76	5.12	4.43	NO
L0004447	0	0.23585E-02	463862.0	3673763.2	8.4	4.76	5.12	4.43	NO
L0004448	0	0.23585E-02	463858.0	3673773.5	8.3	4.76	5.12	4.43	NO
L0004449	0	0.23585E-02	463854.0	3673783.7	8.2	4.76	5.12	4.43	NO
L0004450	0	0.23585E-02	463850.5	3673794.2	8.1	4.76	5.12	4.43	NO
L0004451	0	0.23585E-02	463846.9	3673804.6	8.0	4.76	5.12	4.43	NO
L0004452	0	0.23585E-02	463843.4	3673815.0	8.0	4.76	5.12	4.43	NO
L0004453	0	0.23585E-02	463839.9	3673825.4	7.3	4.76	5.12	4.43	NO
L0004454	0	0.23585E-02	463836.3	3673835.8	6.2	4.76	5.12	4.43	NO
L0004455	0	0.23585E-02	463832.8	3673846.2	5.0	4.76	5.12	4.43	NO
L0004456	0	0.23585E-02	463829.8	3673856.8	4.0	4.76	5.12	4.43	NO
L0004457	0	0.23585E-02	463827.7	3673867.6	3.2	4.76	5.12	4.43	NO
L0004458	0	0.23585E-02	463825.6	3673878.4	2.4	4.76	5.12	4.43	NO
L0004459	0	0.23585E-02	463823.4	3673889.2	2.1	4.76	5.12	4.43	NO
L0004460	0	0.23585E-02	463821.3	3673900.0	1.9	4.76	5.12	4.43	NO
L0004461	0	0.23585E-02	463819.2	3673910.8	1.7	4.76	5.12	4.43	NO
L0004462	0	0.23585E-02	463817.1	3673921.6	1.6	4.76	5.12	4.43	NO
L0004463	0	0.23585E-02	463814.9	3673932.3	1.6	4.76	5.12	4.43	NO
L0004464	0	0.23585E-02	463812.8	3673943.1	1.7	4.76	5.12	4.43	NO
L0004465	0	0.23585E-02	463810.7	3673953.9	1.7	4.76	5.12	4.43	NO
L0004466	0	0.23585E-02	463808.6	3673964.7	1.9	4.76	5.12		

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4.43     NO                    NO
 L0004467         0   0.23585E-02  463806.4 3673975.5     2.0     4.76     5.12
4.43     NO                    NO
 L0004468         0   0.23585E-02  463804.3 3673986.3     2.1     4.76     5.12
4.43     NO                    NO
 L0004469         0   0.23585E-02  463802.2 3673997.1     2.2     4.76     5.12
4.43     NO                    NO
 L0004470         0   0.23585E-02  463800.1 3674007.9     2.2     4.76     5.12
4.43     NO                    NO
 L0004471         0   0.23585E-02  463797.9 3674018.7     2.1     4.76     5.12
4.43     NO                    NO
 L0004472         0   0.23585E-02  463795.8 3674029.5     1.9     4.76     5.12
4.43     NO                    NO
 L0004473         0   0.23585E-02  463793.7 3674040.3     1.9     4.76     5.12
4.43     NO                    NO
 L0004474         0   0.23585E-02  463791.6 3674051.1     2.2     4.76     5.12
4.43     NO                    NO
 L0004475         0   0.23585E-02  463789.4 3674061.9     2.5     4.76     5.12
4.43     NO                    NO
 L0004476         0   0.23585E-02  463787.3 3674072.7     3.0     4.76     5.12
4.43     NO                    NO
 L0004477         0   0.23585E-02  463785.2 3674083.4     3.6     4.76     5.12
4.43     NO                    NO
 L0004478         0   0.23585E-02  463783.0 3674094.2     4.2     4.76     5.12
4.43     NO                    NO
 L0004479         0   0.23585E-02  463780.7 3674105.0     4.7     4.76     5.12
4.43     NO                    NO
 L0004480         0   0.23585E-02  463778.3 3674115.7     5.4     4.76     5.12
4.43     NO                    NO
 L0004481         0   0.23585E-02  463776.0 3674126.5     6.2     4.76     5.12
4.43     NO                    NO
 L0004482         0   0.23585E-02  463773.6 3674137.2     7.0     4.76     5.12
4.43     NO                    NO
 L0004483         0   0.23585E-02  463771.2 3674148.0     7.9     4.76     5.12
4.43     NO                    NO
```


*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004484	0	0.23585E-02	463768.9	3674158.7	8.7	4.76	5.12	4.43	NO
L0004485	0	0.23585E-02	463766.5	3674169.4	7.2	4.76	5.12	4.43	NO
L0004486	0	0.23585E-02	463764.2	3674180.2	5.9	4.76	5.12	4.43	NO
L0004487	0	0.23585E-02	463761.8	3674190.9	5.1	4.76	5.12	4.43	NO
L0004488	0	0.23585E-02	463759.4	3674201.7	5.0	4.76	5.12	4.43	NO
L0004489	0	0.23585E-02	463757.1	3674212.4	4.9	4.76	5.12	4.43	NO
L0004490	0	0.23585E-02	463754.7	3674223.2	5.3	4.76	5.12	4.43	NO
L0004491	0	0.23585E-02	463752.4	3674233.9	6.4	4.76	5.12	4.43	NO
L0004492	0	0.23585E-02	463750.0	3674244.6	7.8	4.76	5.12	4.43	NO
L0004493	0	0.23585E-02	463747.6	3674255.4	8.9	4.76	5.12	4.43	NO
L0004494	0	0.23585E-02	463745.3	3674266.1	9.5	4.76	5.12	4.43	NO
L0004495	0	0.23585E-02	463743.0	3674276.9	9.9	4.76	5.12	4.43	NO
L0004496	0	0.23585E-02	463740.7	3674287.7	9.8	4.76	5.12	4.43	NO
L0004497	0	0.23585E-02	463738.4	3674298.4	9.7	4.76	5.12	4.43	NO
L0004498	0	0.23585E-02	463736.1	3674309.2	9.8	4.76	5.12	4.43	NO
L0004499	0	0.23585E-02	463733.8	3674319.9	11.2	4.76	5.12	4.43	NO
L0004500	0	0.23585E-02	463731.5	3674330.7	12.9	4.76	5.12	4.43	NO
L0004501	0	0.23585E-02	463729.3	3674341.5	14.4	4.76	5.12	4.43	NO
L0004502	0	0.23585E-02	463727.0	3674352.2	14.0	4.76	5.12	4.43	NO
L0004503	0	0.23585E-02	463724.7	3674363.0	13.0	4.76	5.12	4.43	NO
L0004504	0	0.23585E-02	463722.4	3674373.7	11.8	4.76	5.12	4.43	NO
L0004505	0	0.23585E-02	463720.1	3674384.5	11.6	4.76	5.12	4.43	NO
L0004506	0	0.23585E-02	463717.8	3674395.2	11.4	4.76	5.12		

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4.43     NO                    NO
 L0004507         0   0.23585E-02  463715.5 3674406.0    12.0     4.76     5.12
4.43     NO                    NO
 L0004508         0   0.23585E-02  463713.2 3674416.8    12.4     4.76     5.12
4.43     NO                    NO
 L0004509         0   0.23585E-02  463710.9 3674427.5    13.1     4.76     5.12
4.43     NO                    NO
 L0004510         0   0.23585E-02  463708.7 3674438.3    14.2     4.76     5.12
4.43     NO                    NO
 L0004511         0   0.23585E-02  463706.4 3674449.0    15.2     4.76     5.12
4.43     NO                    NO
 L0004512         0   0.23585E-02  463704.1 3674459.8    15.6     4.76     5.12
4.43     NO                    NO
 L0004513         0   0.23585E-02  463701.8 3674470.6    15.0     4.76     5.12
4.43     NO                    NO
 L0004514         0   0.23585E-02  463699.5 3674481.3    14.0     4.76     5.12
4.43     NO                    NO
 L0004515         0   0.23585E-02  463697.2 3674492.1    13.1     4.76     5.12
4.43     NO                    NO
 L0004516         0   0.23585E-02  463694.9 3674502.8    12.8     4.76     5.12
4.43     NO                    NO
 L0004517         0   0.23585E-02  463692.6 3674513.6    12.9     4.76     5.12
4.43     NO                    NO
 L0004518         0   0.23585E-02  463690.4 3674524.4    13.2     4.76     5.12
4.43     NO                    NO
 L0004519         0   0.23585E-02  463688.1 3674535.1    13.4     4.76     5.12
4.43     NO                    NO
 L0004520         0   0.23585E-02  463685.8 3674545.9    13.7     4.76     5.12
4.43     NO                    NO
 L0004521         0   0.23585E-02  463683.5 3674556.6    13.9     4.76     5.12
4.43     NO                    NO
 L0004522         0   0.23585E-02  463681.2 3674567.4    14.1     4.76     5.12
4.43     NO                    NO
 L0004523         0   0.23585E-02  463678.9 3674578.2    14.2     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004524	0	0.23585E-02	463676.6	3674588.9	14.1	4.76	5.12	4.43	NO NO
L0004525	0	0.23585E-02	463674.3	3674599.7	14.2	4.76	5.12	4.43	NO NO
L0004526	0	0.23585E-02	463672.1	3674610.4	14.2	4.76	5.12	4.43	NO NO
L0004527	0	0.23585E-02	463669.8	3674621.2	14.2	4.76	5.12	4.43	NO NO
L0004528	0	0.23585E-02	463667.5	3674632.0	14.3	4.76	5.12	4.43	NO NO
L0004529	0	0.23585E-02	463665.2	3674642.7	14.4	4.76	5.12	4.43	NO NO
L0004530	0	0.23585E-02	463662.9	3674653.5	14.5	4.76	5.12	4.43	NO NO
L0004531	0	0.23585E-02	463660.6	3674664.2	14.5	4.76	5.12	4.43	NO NO
L0004532	0	0.23585E-02	463658.3	3674675.0	14.5	4.76	5.12	4.43	NO NO
L0004533	0	0.23585E-02	463656.0	3674685.8	14.8	4.76	5.12	4.43	NO NO
L0004534	0	0.23585E-02	463653.7	3674696.5	15.0	4.76	5.12	4.43	NO NO
L0004535	0	0.23585E-02	463651.5	3674707.3	15.1	4.76	5.12	4.43	NO NO
L0004536	0	0.23585E-02	463649.2	3674718.0	15.3	4.76	5.12	4.43	NO NO
L0004537	0	0.23585E-02	463646.9	3674728.8	15.5	4.76	5.12	4.43	NO NO
L0004538	0	0.23585E-02	463644.6	3674739.6	15.7	4.76	5.12	4.43	NO NO
L0004539	0	0.23585E-02	463642.3	3674750.3	15.8	4.76	5.12	4.43	NO NO
L0004540	0	0.23585E-02	463640.0	3674761.1	15.8	4.76	5.12	4.43	NO NO
L0004541	0	0.23585E-02	463637.7	3674771.8	15.8	4.76	5.12	4.43	NO NO
L0004542	0	0.23585E-02	463635.4	3674782.6	15.7	4.76	5.12	4.43	NO NO
L0004543	0	0.23585E-02	463633.2	3674793.3	15.5	4.76	5.12	4.43	NO NO
L0004544	0	0.23585E-02	463630.9	3674804.1	15.4	4.76	5.12	4.43	NO NO
L0004545	0	0.23585E-02	463628.6	3674814.9	15.6	4.76	5.12	4.43	NO NO
L0004546	0	0.23585E-02	463626.3	3674825.6	15.7	4.76	5.12		

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4.43     NO                    NO
 L0004547         0   0.23585E-02  463624.0 3674836.4    15.8     4.76     5.12
4.43     NO                    NO
 L0004548         0   0.23585E-02  463621.7 3674847.1    16.2     4.76     5.12
4.43     NO                    NO
 L0004549         0   0.23585E-02  463619.4 3674857.9    16.5     4.76     5.12
4.43     NO                    NO
 L0004550         0   0.23585E-02  463617.1 3674868.7    16.8     4.76     5.12
4.43     NO                    NO
 L0004551         0   0.23585E-02  463614.9 3674879.4    16.7     4.76     5.12
4.43     NO                    NO
 L0004552         0   0.23585E-02  463612.6 3674890.2    16.6     4.76     5.12
4.43     NO                    NO
 L0004553         0   0.23585E-02  463610.3 3674900.9    16.6     4.76     5.12
4.43     NO                    NO
 L0004554         0   0.23585E-02  463608.0 3674911.7    16.4     4.76     5.12
4.43     NO                    NO
 L0004555         0   0.23585E-02  463605.7 3674922.5    16.2     4.76     5.12
4.43     NO                    NO
 L0004556         0   0.23585E-02  463603.4 3674933.2    16.2     4.76     5.12
4.43     NO                    NO
 L0004557         0   0.23585E-02  463601.1 3674944.0    16.4     4.76     5.12
4.43     NO                    NO
 L0004558         0   0.23585E-02  463598.8 3674954.7    16.6     4.76     5.12
4.43     NO                    NO
 L0004559         0   0.23585E-02  463596.5 3674965.5    16.8     4.76     5.12
4.43     NO                    NO
 L0004560         0   0.23585E-02  463594.3 3674976.3    17.1     4.76     5.12
4.43     NO                    NO
 L0004561         0   0.23585E-02  463592.0 3674987.0    17.4     4.76     5.12
4.43     NO                    NO
 L0004562         0   0.23585E-02  463589.7 3674997.8    17.4     4.76     5.12
4.43     NO                    NO
 L0004563         0   0.23585E-02  463587.4 3675008.5    17.3     4.76     5.12
4.43     NO                    NO
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004564	0	0.23585E-02	465781.6	3670987.5	7.2	4.76	5.12	4.43	NO	NO
L0004565	0	0.23585E-02	465775.4	3670996.5	6.8	4.76	5.12	4.43	NO	NO
L0004566	0	0.23585E-02	465769.1	3671005.6	6.4	4.76	5.12	4.43	NO	NO
L0004567	0	0.23585E-02	465762.8	3671014.6	6.0	4.76	5.12	4.43	NO	NO
L0004568	0	0.23585E-02	465756.6	3671023.7	6.2	4.76	5.12	4.43	NO	NO
L0004569	0	0.23585E-02	465750.3	3671032.7	7.1	4.76	5.12	4.43	NO	NO
L0004570	0	0.23585E-02	465744.1	3671041.8	6.7	4.76	5.12	4.43	NO	NO
L0004571	0	0.23585E-02	465737.8	3671050.8	5.8	4.76	5.12	4.43	NO	NO
L0004572	0	0.23585E-02	465731.5	3671059.9	5.9	4.76	5.12	4.43	NO	NO
L0004573	0	0.23585E-02	465725.3	3671068.9	7.2	4.76	5.12	4.43	NO	NO
L0004574	0	0.23585E-02	465719.0	3671077.9	5.5	4.76	5.12	4.43	NO	NO
L0004575	0	0.23585E-02	465712.8	3671087.0	3.8	4.76	5.12	4.43	NO	NO
L0004576	0	0.23585E-02	465706.5	3671096.0	2.8	4.76	5.12	4.43	NO	NO
L0004577	0	0.23585E-02	465700.3	3671105.1	2.5	4.76	5.12	4.43	NO	NO
L0004578	0	0.23585E-02	465694.0	3671114.1	2.5	4.76	5.12	4.43	NO	NO
L0004579	0	0.23585E-02	465687.7	3671123.1	2.6	4.76	5.12	4.43	NO	NO
L0004580	0	0.23585E-02	465681.3	3671132.1	2.6	4.76	5.12	4.43	NO	NO
L0004581	0	0.23585E-02	465675.0	3671141.1	3.2	4.76	5.12	4.43	NO	NO
L0004582	0	0.23585E-02	465668.6	3671150.1	4.3	4.76	5.12	4.43	NO	NO
L0004583	0	0.23585E-02	465662.3	3671159.1	5.5	4.76	5.12	4.43	NO	NO
L0004584	0	0.23585E-02	465655.9	3671168.0	6.3	4.76	5.12	4.43	NO	NO
L0004585	0	0.23585E-02	465649.6	3671177.0	6.6	4.76	5.12	4.43	NO	NO
L0004586	0	0.23585E-02	465643.2	3671186.0	6.3	4.76	5.12			

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4.43     NO                    NO
 L0004587         0   0.23585E-02  465636.8 3671195.0     6.0     4.76     5.12
4.43     NO                    NO
 L0004588         0   0.23585E-02  465630.5 3671203.9     6.1     4.76     5.12
4.43     NO                    NO
 L0004589         0   0.23585E-02  465624.1 3671212.9     6.8     4.76     5.12
4.43     NO                    NO
 L0004590         0   0.23585E-02  465617.8 3671221.9     7.5     4.76     5.12
4.43     NO                    NO
 L0004591         0   0.23585E-02  465611.4 3671230.9     7.8     4.76     5.12
4.43     NO                    NO
 L0004592         0   0.23585E-02  465605.1 3671239.9     8.0     4.76     5.12
4.43     NO                    NO
 L0004593         0   0.23585E-02  465598.7 3671248.8     8.4     4.76     5.12
4.43     NO                    NO
 L0004594         0   0.23585E-02  465592.4 3671257.8     8.7     4.76     5.12
4.43     NO                    NO
 L0004595         0   0.23585E-02  465586.0 3671266.8     8.9     4.76     5.12
4.43     NO                    NO
 L0004596         0   0.23585E-02  465579.7 3671275.8     9.0     4.76     5.12
4.43     NO                    NO
 L0004597         0   0.23585E-02  465573.3 3671284.8     9.1     4.76     5.12
4.43     NO                    NO
 L0004598         0   0.23585E-02  465567.0 3671293.7     9.3     4.76     5.12
4.43     NO                    NO
 L0004599         0   0.23585E-02  465560.6 3671302.7     9.6     4.76     5.12
4.43     NO                    NO
 L0004600         0   0.23585E-02  465554.3 3671311.7     9.6     4.76     5.12
4.43     NO                    NO
 L0004601         0   0.23585E-02  465547.9 3671320.7     9.7     4.76     5.12
4.43     NO                    NO
 L0004602         0   0.23585E-02  465541.6 3671329.7    10.3     4.76     5.12
4.43     NO                    NO
 L0004603         0   0.23585E-02  465535.3 3671338.7    10.4     4.76     5.12
4.43     NO                    NO
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004604	0	0.23585E-02	465528.9	3671347.7	10.2	4.76	5.12	4.43	NO NO
L0004605	0	0.23585E-02	465522.6	3671356.7	10.2	4.76	5.12	4.43	NO NO
L0004606	0	0.23585E-02	465516.2	3671365.7	10.5	4.76	5.12	4.43	NO NO
L0004607	0	0.23585E-02	465509.9	3671374.6	10.5	4.76	5.12	4.43	NO NO
L0004608	0	0.23585E-02	465503.6	3671383.6	10.1	4.76	5.12	4.43	NO NO
L0004609	0	0.23585E-02	465497.2	3671392.6	9.9	4.76	5.12	4.43	NO NO
L0004610	0	0.23585E-02	465490.9	3671401.6	10.1	4.76	5.12	4.43	NO NO
L0004611	0	0.23585E-02	465484.5	3671410.6	10.9	4.76	5.12	4.43	NO NO
L0004612	0	0.23585E-02	465478.2	3671419.6	11.4	4.76	5.12	4.43	NO NO
L0004613	0	0.23585E-02	465471.9	3671428.6	11.5	4.76	5.12	4.43	NO NO
L0004614	0	0.23585E-02	465465.5	3671437.6	11.3	4.76	5.12	4.43	NO NO
L0004615	0	0.23585E-02	465459.2	3671446.6	11.5	4.76	5.12	4.43	NO NO
L0004616	0	0.23585E-02	465452.8	3671455.5	11.7	4.76	5.12	4.43	NO NO
L0004617	0	0.23585E-02	465446.5	3671464.5	11.7	4.76	5.12	4.43	NO NO
L0004618	0	0.23585E-02	465440.1	3671473.5	11.6	4.76	5.12	4.43	NO NO
L0004619	0	0.23585E-02	465433.8	3671482.5	11.8	4.76	5.12	4.43	NO NO
L0004620	0	0.23585E-02	465427.5	3671491.5	11.9	4.76	5.12	4.43	NO NO
L0004621	0	0.23585E-02	465421.1	3671500.5	12.0	4.76	5.12	4.43	NO NO
L0004622	0	0.23585E-02	465414.8	3671509.5	12.0	4.76	5.12	4.43	NO NO
L0004623	0	0.23585E-02	465408.4	3671518.4	12.1	4.76	5.12	4.43	NO NO
L0004624	0	0.23585E-02	465402.1	3671527.4	12.1	4.76	5.12	4.43	NO NO
L0004625	0	0.23585E-02	465395.7	3671536.4	12.0	4.76	5.12	4.43	NO NO
L0004626	0	0.23585E-02	465389.4	3671545.4	12.2	4.76	5.12		

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4.43     NO                    NO
 L0004627         0   0.23585E-02  465383.0 3671554.4    12.5     4.76     5.12
4.43     NO                    NO
 L0004628         0   0.23585E-02  465376.7 3671563.4    12.7     4.76     5.12
4.43     NO                    NO
 L0004629         0   0.23585E-02  465370.3 3671572.3    12.8     4.76     5.12
4.43     NO                    NO
 L0004630         0   0.23585E-02  465364.0 3671581.3    12.8     4.76     5.12
4.43     NO                    NO
 L0004631         0   0.23585E-02  465357.7 3671590.4    12.7     4.76     5.12
4.43     NO                    NO
 L0004632         0   0.23585E-02  465351.4 3671599.4    12.6     4.76     5.12
4.43     NO                    NO
 L0004633         0   0.23585E-02  465345.1 3671608.4    12.7     4.76     5.12
4.43     NO                    NO
 L0004634         0   0.23585E-02  465338.8 3671617.4    12.8     4.76     5.12
4.43     NO                    NO
 L0004635         0   0.23585E-02  465332.5 3671626.5    12.9     4.76     5.12
4.43     NO                    NO
 L0004636         0   0.23585E-02  465326.3 3671635.5    12.8     4.76     5.12
4.43     NO                    NO
 L0004637         0   0.23585E-02  465320.0 3671644.5    12.9     4.76     5.12
4.43     NO                    NO
 L0004638         0   0.23585E-02  465313.7 3671653.5    13.2     4.76     5.12
4.43     NO                    NO
 L0004639         0   0.23585E-02  465307.4 3671662.5    13.1     4.76     5.12
4.43     NO                    NO
 L0004640         0   0.23585E-02  465301.1 3671671.6    12.9     4.76     5.12
4.43     NO                    NO
 L0004641         0   0.23585E-02  465294.8 3671680.6    13.0     4.76     5.12
4.43     NO                    NO
 L0004642         0   0.23585E-02  465288.5 3671689.6    13.3     4.76     5.12
4.43     NO                    NO
 L0004643         0   0.23585E-02  465282.2 3671698.6    13.2     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004644	0	0.23585E-02	465275.9	3671707.7	13.2	4.76	5.12	4.43	NO
L0004645	0	0.23585E-02	465269.6	3671716.7	13.0	4.76	5.12	4.43	NO
L0004646	0	0.23585E-02	465263.3	3671725.7	13.0	4.76	5.12	4.43	NO
L0004647	0	0.23585E-02	465257.0	3671734.7	13.0	4.76	5.12	4.43	NO
L0004648	0	0.23585E-02	465250.8	3671743.8	13.0	4.76	5.12	4.43	NO
L0004649	0	0.23585E-02	465244.5	3671752.8	13.1	4.76	5.12	4.43	NO
L0004650	0	0.23585E-02	465238.2	3671761.8	13.2	4.76	5.12	4.43	NO
L0004651	0	0.23585E-02	465231.9	3671770.8	13.1	4.76	5.12	4.43	NO
L0004652	0	0.23585E-02	465225.6	3671779.9	13.2	4.76	5.12	4.43	NO
L0004653	0	0.23585E-02	465219.3	3671788.9	13.2	4.76	5.12	4.43	NO
L0004654	0	0.23585E-02	465213.0	3671797.9	13.2	4.76	5.12	4.43	NO
L0004655	0	0.23585E-02	465206.7	3671806.9	13.1	4.76	5.12	4.43	NO
L0004656	0	0.23585E-02	465200.4	3671816.0	13.0	4.76	5.12	4.43	NO
L0004657	0	0.23585E-02	465194.1	3671825.0	12.9	4.76	5.12	4.43	NO
L0004658	0	0.23585E-02	465187.9	3671834.0	13.0	4.76	5.12	4.43	NO
L0004659	0	0.23585E-02	465181.6	3671843.0	13.0	4.76	5.12	4.43	NO
L0004660	0	0.23585E-02	465175.2	3671852.0	12.5	4.76	5.12	4.43	NO
L0004661	0	0.23585E-02	465168.9	3671861.0	12.5	4.76	5.12	4.43	NO
L0004662	0	0.23585E-02	465162.6	3671870.0	12.9	4.76	5.12	4.43	NO
L0004663	0	0.23585E-02	465156.3	3671879.0	13.0	4.76	5.12	4.43	NO
L0004664	0	0.23585E-02	465150.0	3671888.0	12.6	4.76	5.12	4.43	NO
L0004665	0	0.23585E-02	465143.6	3671897.0	12.6	4.76	5.12	4.43	NO
L0004666	0	0.23585E-02	465137.3	3671906.0	12.9	4.76	5.12		

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4.43     NO                    NO
 L0004667         0   0.23585E-02  465131.0 3671915.1    12.8     4.76     5.12
4.43     NO                    NO
 L0004668         0   0.23585E-02  465124.7 3671924.1    12.5     4.76     5.12
4.43     NO                    NO
 L0004669         0   0.23585E-02  465118.4 3671933.1    12.5     4.76     5.12
4.43     NO                    NO
 L0004670         0   0.23585E-02  465112.0 3671942.1    12.5     4.76     5.12
4.43     NO                    NO
 L0004671         0   0.23585E-02  465105.7 3671951.1    12.4     4.76     5.12
4.43     NO                    NO
 L0004672         0   0.23585E-02  465099.4 3671960.1    12.3     4.76     5.12
4.43     NO                    NO
 L0004673         0   0.23585E-02  465093.0 3671969.0    12.3     4.76     5.12
4.43     NO                    NO
 L0004674         0   0.23585E-02  465086.7 3671978.0    12.3     4.76     5.12
4.43     NO                    NO
 L0004675         0   0.23585E-02  465080.4 3671987.0    12.5     4.76     5.12
4.43     NO                    NO
 L0004676         0   0.23585E-02  465074.0 3671996.0    12.6     4.76     5.12
4.43     NO                    NO
 L0004677         0   0.23585E-02  465067.7 3672005.0    12.4     4.76     5.12
4.43     NO                    NO
 L0004678         0   0.23585E-02  465061.3 3672014.0    12.5     4.76     5.12
4.43     NO                    NO
 L0004679         0   0.23585E-02  465055.0 3672022.9    12.9     4.76     5.12
4.43     NO                    NO
 L0004680         0   0.23585E-02  465048.6 3672031.9    12.6     4.76     5.12
4.43     NO                    NO
 L0004681         0   0.23585E-02  465042.3 3672040.9    12.3     4.76     5.12
4.43     NO                    NO
 L0004682         0   0.23585E-02  465035.9 3672049.9    12.5     4.76     5.12
4.43     NO                    NO
 L0004683         0   0.23585E-02  465029.6 3672058.9    13.0     4.76     5.12
4.43     NO                    NO
```


*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004684	0	0.23585E-02	465023.2	3672067.9	12.7	4.76	5.12	4.43	NO NO
L0004685	0	0.23585E-02	465016.9	3672076.8	12.7	4.76	5.12	4.43	NO NO
L0004686	0	0.23585E-02	465010.5	3672085.8	12.9	4.76	5.12	4.43	NO NO
L0004687	0	0.23585E-02	465004.2	3672094.8	13.2	4.76	5.12	4.43	NO NO
L0004688	0	0.23585E-02	464997.8	3672103.8	13.0	4.76	5.12	4.43	NO NO
L0004689	0	0.23585E-02	464991.5	3672112.8	12.8	4.76	5.12	4.43	NO NO
L0004690	0	0.23585E-02	464985.1	3672121.8	12.7	4.76	5.12	4.43	NO NO
L0004691	0	0.23585E-02	464978.8	3672130.8	12.5	4.76	5.12	4.43	NO NO
L0004692	0	0.23585E-02	464972.4	3672139.7	12.5	4.76	5.12	4.43	NO NO
L0004693	0	0.23585E-02	464966.1	3672148.7	12.4	4.76	5.12	4.43	NO NO
L0004694	0	0.23585E-02	464959.7	3672157.7	12.5	4.76	5.12	4.43	NO NO
L0004695	0	0.23585E-02	464953.4	3672166.7	12.6	4.76	5.12	4.43	NO NO
L0004696	0	0.23585E-02	464947.1	3672175.7	12.6	4.76	5.12	4.43	NO NO
L0004697	0	0.23585E-02	464940.7	3672184.7	12.6	4.76	5.12	4.43	NO NO
L0004698	0	0.23585E-02	464934.4	3672193.6	12.7	4.76	5.12	4.43	NO NO
L0004699	0	0.23585E-02	464928.0	3672202.6	12.9	4.76	5.12	4.43	NO NO
L0004700	0	0.23585E-02	464921.7	3672211.6	13.0	4.76	5.12	4.43	NO NO
L0004701	0	0.23585E-02	464915.3	3672220.6	12.9	4.76	5.12	4.43	NO NO
L0004702	0	0.23585E-02	464909.0	3672229.6	12.9	4.76	5.12	4.43	NO NO
L0004703	0	0.23585E-02	464902.6	3672238.6	13.4	4.76	5.12	4.43	NO NO
L0004704	0	0.23585E-02	464896.3	3672247.5	13.4	4.76	5.12	4.43	NO NO
L0004705	0	0.23585E-02	464889.9	3672256.5	13.2	4.76	5.12	4.43	NO NO
L0004706	0	0.23585E-02	464883.6	3672265.5	13.3	4.76	5.12		

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4.43     NO                    NO
 L0004707         0   0.23585E-02  464877.2 3672274.5    13.6     4.76     5.12
4.43     NO                    NO
 L0004708         0   0.23585E-02  464870.9 3672283.5    13.6     4.76     5.12
4.43     NO                    NO
 L0004709         0   0.23585E-02  464864.5 3672292.5    13.5     4.76     5.12
4.43     NO                    NO
 L0004710         0   0.23585E-02  464858.2 3672301.4    13.7     4.76     5.12
4.43     NO                    NO
 L0004711         0   0.23585E-02  464851.8 3672310.4    13.8     4.76     5.12
4.43     NO                    NO
 L0004712         0   0.23585E-02  464845.5 3672319.4    13.6     4.76     5.12
4.43     NO                    NO
 L0004713         0   0.23585E-02  464839.1 3672328.4    13.4     4.76     5.12
4.43     NO                    NO
 L0004714         0   0.23585E-02  464832.8 3672337.4    13.2     4.76     5.12
4.43     NO                    NO
 L0004715         0   0.23585E-02  464826.4 3672346.4    13.2     4.76     5.12
4.43     NO                    NO
 L0004716         0   0.23585E-02  464820.1 3672355.3    13.1     4.76     5.12
4.43     NO                    NO
 L0004717         0   0.23585E-02  464813.8 3672364.3    13.1     4.76     5.12
4.43     NO                    NO
 L0004718         0   0.23585E-02  464807.4 3672373.3    13.3     4.76     5.12
4.43     NO                    NO
 L0004719         0   0.23585E-02  464801.1 3672382.3    13.5     4.76     5.12
4.43     NO                    NO
 L0004720         0   0.23585E-02  464794.7 3672391.3    13.6     4.76     5.12
4.43     NO                    NO
 L0004721         0   0.23585E-02  464788.4 3672400.3    13.6     4.76     5.12
4.43     NO                    NO
 L0004722         0   0.23585E-02  464782.0 3672409.2    13.6     4.76     5.12
4.43     NO                    NO
 L0004723         0   0.23585E-02  464775.7 3672418.2    13.8     4.76     5.12
4.43     NO                    NO
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004724	0	0.23585E-02	464769.3	3672427.2	14.1	4.76	5.12	4.43	NO NO
L0004725	0	0.23585E-02	464763.0	3672436.2	14.0	4.76	5.12	4.43	NO NO
L0004726	0	0.23585E-02	464756.6	3672445.2	14.0	4.76	5.12	4.43	NO NO
L0004727	0	0.23585E-02	464750.3	3672454.2	14.1	4.76	5.12	4.43	NO NO
L0004728	0	0.23585E-02	464743.9	3672463.1	14.1	4.76	5.12	4.43	NO NO
L0004729	0	0.23585E-02	464737.6	3672472.1	14.1	4.76	5.12	4.43	NO NO
L0004730	0	0.23585E-02	464731.2	3672481.1	14.1	4.76	5.12	4.43	NO NO
L0004731	0	0.23585E-02	464724.9	3672490.1	14.3	4.76	5.12	4.43	NO NO
L0004732	0	0.23585E-02	464718.5	3672499.1	14.3	4.76	5.12	4.43	NO NO
L0004733	0	0.23585E-02	464712.2	3672508.1	14.2	4.76	5.12	4.43	NO NO
L0004734	0	0.23585E-02	464705.8	3672517.1	14.1	4.76	5.12	4.43	NO NO
L0004735	0	0.23585E-02	464699.5	3672526.0	14.0	4.76	5.12	4.43	NO NO
L0004736	0	0.23585E-02	464693.1	3672535.0	14.0	4.76	5.12	4.43	NO NO
L0004737	0	0.23585E-02	464686.8	3672544.0	14.1	4.76	5.12	4.43	NO NO
L0004738	0	0.23585E-02	464680.5	3672553.0	14.3	4.76	5.12	4.43	NO NO
L0004739	0	0.23585E-02	464674.1	3672562.0	14.5	4.76	5.12	4.43	NO NO
L0004740	0	0.23585E-02	464667.8	3672571.0	14.5	4.76	5.12	4.43	NO NO
L0004741	0	0.23585E-02	464661.4	3672579.9	14.5	4.76	5.12	4.43	NO NO
L0004742	0	0.23585E-02	464655.1	3672588.9	14.5	4.76	5.12	4.43	NO NO
L0004743	0	0.23585E-02	464648.7	3672597.9	14.4	4.76	5.12	4.43	NO NO
L0004744	0	0.23585E-02	464642.4	3672606.9	14.4	4.76	5.12	4.43	NO NO
L0004745	0	0.23585E-02	464636.1	3672615.9	14.4	4.76	5.12	4.43	NO NO
L0004746	0	0.23585E-02	464629.8	3672625.0	14.4	4.76	5.12		

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4.43     NO                    NO
 L0004747         0   0.23585E-02  464623.6 3672634.0    14.4     4.76     5.12
4.43     NO                    NO
 L0004748         0   0.23585E-02  464617.3 3672643.0    14.4     4.76     5.12
4.43     NO                    NO
 L0004749         0   0.23585E-02  464611.0 3672652.1    14.4     4.76     5.12
4.43     NO                    NO
 L0004750         0   0.23585E-02  464604.7 3672661.1    14.5     4.76     5.12
4.43     NO                    NO
 L0004751         0   0.23585E-02  464598.5 3672670.1    14.5     4.76     5.12
4.43     NO                    NO
 L0004752         0   0.23585E-02  464592.2 3672679.2    14.4     4.76     5.12
4.43     NO                    NO
 L0004753         0   0.23585E-02  464585.9 3672688.2    14.4     4.76     5.12
4.43     NO                    NO
 L0004754         0   0.23585E-02  464579.6 3672697.3    14.5     4.76     5.12
4.43     NO                    NO
 L0004755         0   0.23585E-02  464573.4 3672706.3    14.7     4.76     5.12
4.43     NO                    NO
 L0004756         0   0.23585E-02  464567.1 3672715.3    14.7     4.76     5.12
4.43     NO                    NO
 L0004757         0   0.23585E-02  464560.8 3672724.4    14.5     4.76     5.12
4.43     NO                    NO
 L0004758         0   0.23585E-02  464554.5 3672733.4    14.5     4.76     5.12
4.43     NO                    NO
 L0004759         0   0.23585E-02  464548.3 3672742.4    14.5     4.76     5.12
4.43     NO                    NO
 L0004760         0   0.23585E-02  464542.0 3672751.5    14.5     4.76     5.12
4.43     NO                    NO
 L0004761         0   0.23585E-02  464535.7 3672760.5    14.5     4.76     5.12
4.43     NO                    NO
 L0004762         0   0.23585E-02  464529.4 3672769.5    14.5     4.76     5.12
4.43     NO                    NO
 L0004763         0   0.23585E-02  464523.2 3672778.6    14.5     4.76     5.12
4.43     NO                    NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004764	0	0.23585E-02	464516.9	3672787.6	14.6	4.76	5.12	4.43	NO	NO
L0004765	0	0.23585E-02	464510.6	3672796.6	14.5	4.76	5.12	4.43	NO	NO
L0004766	0	0.23585E-02	464504.3	3672805.7	14.5	4.76	5.12	4.43	NO	NO
L0004767	0	0.23585E-02	464498.1	3672814.7	14.5	4.76	5.12	4.43	NO	NO
L0004768	0	0.23585E-02	464491.7	3672823.7	14.4	4.76	5.12	4.43	NO	NO
L0004769	0	0.23585E-02	464485.3	3672832.6	14.3	4.76	5.12	4.43	NO	NO
L0004770	0	0.23585E-02	464478.9	3672841.6	14.3	4.76	5.12	4.43	NO	NO
L0004771	0	0.23585E-02	464472.5	3672850.5	14.3	4.76	5.12	4.43	NO	NO
L0004772	0	0.23585E-02	464466.1	3672859.5	14.3	4.76	5.12	4.43	NO	NO
L0004773	0	0.23585E-02	464459.7	3672868.4	14.3	4.76	5.12	4.43	NO	NO
L0004774	0	0.23585E-02	464453.3	3672877.4	14.2	4.76	5.12	4.43	NO	NO
L0004775	0	0.23585E-02	464446.9	3672886.3	14.2	4.76	5.12	4.43	NO	NO
L0004776	0	0.23585E-02	464440.5	3672895.3	14.2	4.76	5.12	4.43	NO	NO
L0004777	0	0.23585E-02	464434.1	3672904.2	14.3	4.76	5.12	4.43	NO	NO
L0004778	0	0.23585E-02	464427.7	3672913.2	14.5	4.76	5.12	4.43	NO	NO
L0004779	0	0.23585E-02	464421.3	3672922.1	14.6	4.76	5.12	4.43	NO	NO
L0004780	0	0.23585E-02	464414.9	3672931.0	14.7	4.76	5.12	4.43	NO	NO
L0004781	0	0.23585E-02	464408.5	3672940.0	14.7	4.76	5.12	4.43	NO	NO
L0004782	0	0.23585E-02	464402.2	3672949.0	14.6	4.76	5.12	4.43	NO	NO
L0004783	0	0.23585E-02	464395.9	3672958.0	14.5	4.76	5.12	4.43	NO	NO
L0004784	0	0.23585E-02	464389.6	3672967.0	14.4	4.76	5.12	4.43	NO	NO
L0004785	0	0.23585E-02	464383.3	3672976.1	14.3	4.76	5.12	4.43	NO	NO
L0004786	0	0.23585E-02	464377.0	3672985.1	14.2	4.76	5.12			

4.43 NO NO
L0004787 0 0.23585E-02 464370.7 3672994.1 14.2 4.76 5.12
4.43 NO NO
L0004788 0 0.23585E-02 464364.4 3673003.1 14.3 4.76 5.12
4.43 NO NO
L0004789 0 0.23585E-02 464358.1 3673012.1 14.2 4.76 5.12
4.43 NO NO
L0004790 0 0.23585E-02 464351.8 3673021.1 13.9 4.76 5.12
4.43 NO NO
L0004791 0 0.23585E-02 464345.6 3673030.2 13.8 4.76 5.12
4.43 NO NO
L0004792 0 0.23585E-02 464339.4 3673039.3 14.0 4.76 5.12
4.43 NO NO
L0004793 0 0.23585E-02 464333.2 3673048.4 14.3 4.76 5.12
4.43 NO NO
L0004794 0 0.23585E-02 464327.0 3673057.5 14.4 4.76 5.12
4.43 NO NO
L0004795 0 0.23585E-02 464320.7 3673066.5 14.4 4.76 5.12
4.43 NO NO
L0004796 0 0.23585E-02 464314.4 3673075.5 14.5 4.76 5.12
4.43 NO NO
L0004797 0 0.23585E-02 464308.0 3673084.5 14.4 4.76 5.12
4.43 NO NO
L0004798 0 0.23585E-02 464301.7 3673093.5 14.3 4.76 5.12
4.43 NO NO
L0004799 0 0.23585E-02 464295.4 3673102.5 14.1 4.76 5.12
4.43 NO NO
L0004800 0 0.23585E-02 464289.1 3673111.5 13.9 4.76 5.12
4.43 NO NO
L0004801 0 0.23585E-02 464282.8 3673120.5 13.9 4.76 5.12
4.43 NO NO
L0004802 0 0.23585E-02 464276.4 3673129.5 14.1 4.76 5.12
4.43 NO NO
L0004803 0 0.23585E-02 464270.1 3673138.5 14.1 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004804	0	0.23585E-02	464263.8	3673147.5	14.1	4.76	5.12	4.43	NO	NO
L0004805	0	0.23585E-02	464257.5	3673156.5	14.1	4.76	5.12	4.43	NO	NO
L0004806	0	0.23585E-02	464251.2	3673165.5	14.2	4.76	5.12	4.43	NO	NO
L0004807	0	0.23585E-02	464244.9	3673174.5	14.2	4.76	5.12	4.43	NO	NO
L0004808	0	0.23585E-02	464238.5	3673183.5	14.2	4.76	5.12	4.43	NO	NO
L0004809	0	0.23585E-02	464232.2	3673192.5	14.3	4.76	5.12	4.43	NO	NO
L0004810	0	0.23585E-02	464225.9	3673201.5	14.3	4.76	5.12	4.43	NO	NO
L0004811	0	0.23585E-02	464219.6	3673210.6	14.2	4.76	5.12	4.43	NO	NO
L0004812	0	0.23585E-02	464213.3	3673219.6	14.2	4.76	5.12	4.43	NO	NO
L0004813	0	0.23585E-02	464207.0	3673228.6	14.3	4.76	5.12	4.43	NO	NO
L0004814	0	0.23585E-02	464200.6	3673237.6	14.3	4.76	5.12	4.43	NO	NO
L0004815	0	0.23585E-02	464194.3	3673246.6	14.2	4.76	5.12	4.43	NO	NO
L0004816	0	0.23585E-02	464188.0	3673255.6	14.1	4.76	5.12	4.43	NO	NO
L0004817	0	0.23585E-02	464181.7	3673264.6	14.0	4.76	5.12	4.43	NO	NO
L0004818	0	0.23585E-02	464175.4	3673273.6	14.0	4.76	5.12	4.43	NO	NO
L0004819	0	0.23585E-02	464169.1	3673282.6	14.1	4.76	5.12	4.43	NO	NO
L0004820	0	0.23585E-02	464162.7	3673291.6	14.1	4.76	5.12	4.43	NO	NO
L0004821	0	0.23585E-02	464156.4	3673300.6	14.2	4.76	5.12	4.43	NO	NO
L0004822	0	0.23585E-02	464150.1	3673309.6	14.2	4.76	5.12	4.43	NO	NO
L0004823	0	0.23585E-02	464143.8	3673318.6	14.3	4.76	5.12	4.43	NO	NO
L0004824	0	0.23585E-02	464137.5	3673327.6	14.3	4.76	5.12	4.43	NO	NO
L0004825	0	0.23585E-02	464131.1	3673336.6	14.1	4.76	5.12	4.43	NO	NO
L0004826	0	0.23585E-02	464124.8	3673345.6	13.9	4.76	5.12			

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4.43     NO                    NO
 L0004827         0   0.23585E-02  464118.5 3673354.6    13.8     4.76     5.12
4.43     NO                    NO
 L0004828         0   0.23585E-02  464112.2 3673363.6    13.8     4.76     5.12
4.43     NO                    NO
 L0004829         0   0.23585E-02  464105.9 3673372.6    13.6     4.76     5.12
4.43     NO                    NO
 L0004830         0   0.23585E-02  464099.6 3673381.6    13.4     4.76     5.12
4.43     NO                    NO
 L0004831         0   0.23585E-02  464093.2 3673390.7    13.5     4.76     5.12
4.43     NO                    NO
 L0004832         0   0.23585E-02  464086.9 3673399.7    13.5     4.76     5.12
4.43     NO                    NO
 L0004833         0   0.23585E-02  464080.6 3673408.7    13.3     4.76     5.12
4.43     NO                    NO
 L0004834         0   0.23585E-02  464074.3 3673417.7    13.1     4.76     5.12
4.43     NO                    NO
 L0004835         0   0.23585E-02  464068.0 3673426.7    13.4     4.76     5.12
4.43     NO                    NO
 L0004836         0   0.23585E-02  464061.7 3673435.7    13.2     4.76     5.12
4.43     NO                    NO
 L0004837         0   0.23585E-02  464055.3 3673444.7    12.6     4.76     5.12
4.43     NO                    NO
 L0004838         0   0.23585E-02  464049.0 3673453.7    12.5     4.76     5.12
4.43     NO                    NO
 L0004839         0   0.23585E-02  464042.7 3673462.7    13.1     4.76     5.12
4.43     NO                    NO
 L0004840         0   0.23585E-02  464036.4 3673471.7    13.1     4.76     5.12
4.43     NO                    NO
 L0004841         0   0.23585E-02  464030.1 3673480.7    12.5     4.76     5.12
4.43     NO                    NO
 L0004842         0   0.23585E-02  464023.8 3673489.7    12.6     4.76     5.12
4.43     NO                    NO
 L0004843         0   0.23585E-02  464017.4 3673498.7    13.0     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004844	0	0.23585E-02	464011.1	3673507.7	13.0	4.76	5.12	4.43	NO
L0004845	0	0.23585E-02	464004.8	3673516.7	12.5	4.76	5.12	4.43	NO
L0004846	0	0.23585E-02	463998.5	3673525.7	11.9	4.76	5.12	4.43	NO
L0004847	0	0.23585E-02	463992.2	3673534.7	11.7	4.76	5.12	4.43	NO
L0004848	0	0.23585E-02	463985.8	3673543.7	11.5	4.76	5.12	4.43	NO
L0004849	0	0.23585E-02	463979.5	3673552.7	11.3	4.76	5.12	4.43	NO
L0004850	0	0.23585E-02	463973.2	3673561.8	10.7	4.76	5.12	4.43	NO
L0004851	0	0.23585E-02	463966.9	3673570.8	10.3	4.76	5.12	4.43	NO
L0004852	0	0.23585E-02	463960.6	3673579.8	10.4	4.76	5.12	4.43	NO
L0004853	0	0.23585E-02	463954.3	3673588.8	10.4	4.76	5.12	4.43	NO
L0004854	0	0.23585E-02	463947.9	3673597.8	10.3	4.76	5.12	4.43	NO
L0004855	0	0.23585E-02	463941.6	3673606.8	9.7	4.76	5.12	4.43	NO
L0004856	0	0.23585E-02	463935.7	3673616.0	9.3	4.76	5.12	4.43	NO
L0004857	0	0.23585E-02	463930.2	3673625.5	9.2	4.76	5.12	4.43	NO
L0004858	0	0.23585E-02	463924.6	3673635.0	9.4	4.76	5.12	4.43	NO
L0004859	0	0.23585E-02	463919.0	3673644.5	9.2	4.76	5.12	4.43	NO
L0004860	0	0.23585E-02	463913.5	3673654.0	9.1	4.76	5.12	4.43	NO
L0004861	0	0.23585E-02	463908.3	3673663.7	9.1	4.76	5.12	4.43	NO
L0004862	0	0.23585E-02	463903.0	3673673.4	9.4	4.76	5.12	4.43	NO
L0004863	0	0.23585E-02	463897.7	3673683.0	9.0	4.76	5.12	4.43	NO
L0004864	0	0.23585E-02	463892.5	3673692.7	8.8	4.76	5.12	4.43	NO
L0004865	0	0.23585E-02	463887.2	3673702.3	8.7	4.76	5.12	4.43	NO
L0004866	0	0.23585E-02	463882.0	3673712.0	8.8	4.76	5.12		

4.43 NO NO
L0004867 0 0.23585E-02 463877.9 3673722.2 8.8 4.76 5.12
4.43 NO NO
L0004868 0 0.23585E-02 463873.9 3673732.5 8.9 4.76 5.12
4.43 NO NO
L0004869 0 0.23585E-02 463869.9 3673742.7 8.7 4.76 5.12
4.43 NO NO
L0004870 0 0.23585E-02 463866.0 3673753.0 8.6 4.76 5.12
4.43 NO NO
L0004871 0 0.23585E-02 463862.0 3673763.2 8.4 4.76 5.12
4.43 NO NO
L0004872 0 0.23585E-02 463858.0 3673773.5 8.3 4.76 5.12
4.43 NO NO
L0004873 0 0.23585E-02 463854.0 3673783.7 8.2 4.76 5.12
4.43 NO NO
L0004874 0 0.23585E-02 463850.5 3673794.2 8.1 4.76 5.12
4.43 NO NO
L0004875 0 0.23585E-02 463846.9 3673804.6 8.0 4.76 5.12
4.43 NO NO
L0004876 0 0.23585E-02 463843.4 3673815.0 8.0 4.76 5.12
4.43 NO NO
L0004877 0 0.23585E-02 463839.9 3673825.4 7.3 4.76 5.12
4.43 NO NO
L0004878 0 0.23585E-02 463836.3 3673835.8 6.2 4.76 5.12
4.43 NO NO
L0004879 0 0.23585E-02 463832.8 3673846.2 5.0 4.76 5.12
4.43 NO NO
L0004880 0 0.23585E-02 463829.8 3673856.8 4.0 4.76 5.12
4.43 NO NO
L0004881 0 0.23585E-02 463827.7 3673867.6 3.2 4.76 5.12
4.43 NO NO
L0004882 0 0.23585E-02 463825.6 3673878.4 2.4 4.76 5.12
4.43 NO NO
L0004883 0 0.23585E-02 463823.4 3673889.2 2.1 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004884	0	0.23585E-02	463821.3	3673900.0	1.9	4.76	5.12	4.43	NO NO
L0004885	0	0.23585E-02	463819.2	3673910.8	1.7	4.76	5.12	4.43	NO NO
L0004886	0	0.23585E-02	463817.1	3673921.6	1.6	4.76	5.12	4.43	NO NO
L0004887	0	0.23585E-02	463814.9	3673932.3	1.6	4.76	5.12	4.43	NO NO
L0004888	0	0.23585E-02	463812.8	3673943.1	1.7	4.76	5.12	4.43	NO NO
L0004889	0	0.23585E-02	463810.7	3673953.9	1.7	4.76	5.12	4.43	NO NO
L0004890	0	0.23585E-02	463808.6	3673964.7	1.9	4.76	5.12	4.43	NO NO
L0004891	0	0.23585E-02	463806.4	3673975.5	2.0	4.76	5.12	4.43	NO NO
L0004892	0	0.23585E-02	463804.3	3673986.3	2.1	4.76	5.12	4.43	NO NO
L0004893	0	0.23585E-02	463802.2	3673997.1	2.2	4.76	5.12	4.43	NO NO
L0004894	0	0.23585E-02	463800.1	3674007.9	2.2	4.76	5.12	4.43	NO NO
L0004895	0	0.23585E-02	463797.9	3674018.7	2.1	4.76	5.12	4.43	NO NO
L0004896	0	0.23585E-02	463795.8	3674029.5	1.9	4.76	5.12	4.43	NO NO
L0004897	0	0.23585E-02	463793.7	3674040.3	1.9	4.76	5.12	4.43	NO NO
L0004898	0	0.23585E-02	463791.6	3674051.1	2.2	4.76	5.12	4.43	NO NO
L0004899	0	0.23585E-02	463789.4	3674061.9	2.5	4.76	5.12	4.43	NO NO
L0004900	0	0.23585E-02	463787.3	3674072.7	3.0	4.76	5.12	4.43	NO NO
L0004901	0	0.23585E-02	463785.2	3674083.4	3.6	4.76	5.12	4.43	NO NO
L0004902	0	0.23585E-02	463783.0	3674094.2	4.2	4.76	5.12	4.43	NO NO
L0004903	0	0.23585E-02	463780.7	3674105.0	4.7	4.76	5.12	4.43	NO NO
L0004904	0	0.23585E-02	463778.3	3674115.7	5.4	4.76	5.12	4.43	NO NO
L0004905	0	0.23585E-02	463776.0	3674126.5	6.2	4.76	5.12	4.43	NO NO
L0004906	0	0.23585E-02	463773.6	3674137.2	7.0	4.76	5.12		

```
4.43     NO                    NO
 L0004907         0   0.23585E-02  463771.2 3674148.0     7.9     4.76     5.12
4.43     NO                    NO
 L0004908         0   0.23585E-02  463768.9 3674158.7     8.7     4.76     5.12
4.43     NO                    NO
 L0004909         0   0.23585E-02  463766.5 3674169.4     7.2     4.76     5.12
4.43     NO                    NO
 L0004910         0   0.23585E-02  463764.2 3674180.2     5.9     4.76     5.12
4.43     NO                    NO
 L0004911         0   0.23585E-02  463761.8 3674190.9     5.1     4.76     5.12
4.43     NO                    NO
 L0004912         0   0.23585E-02  463759.4 3674201.7     5.0     4.76     5.12
4.43     NO                    NO
 L0004913         0   0.23585E-02  463757.1 3674212.4     4.9     4.76     5.12
4.43     NO                    NO
 L0004914         0   0.23585E-02  463754.7 3674223.2     5.3     4.76     5.12
4.43     NO                    NO
 L0004915         0   0.23585E-02  463752.4 3674233.9     6.4     4.76     5.12
4.43     NO                    NO
 L0004916         0   0.23585E-02  463750.0 3674244.6     7.8     4.76     5.12
4.43     NO                    NO
 L0004917         0   0.23585E-02  463747.6 3674255.4     8.9     4.76     5.12
4.43     NO                    NO
 L0004918         0   0.23585E-02  463745.3 3674266.1     9.5     4.76     5.12
4.43     NO                    NO
 L0004919         0   0.23585E-02  463743.0 3674276.9     9.9     4.76     5.12
4.43     NO                    NO
 L0004920         0   0.23585E-02  463740.7 3674287.7     9.8     4.76     5.12
4.43     NO                    NO
 L0004921         0   0.23585E-02  463738.4 3674298.4     9.7     4.76     5.12
4.43     NO                    NO
 L0004922         0   0.23585E-02  463736.1 3674309.2     9.8     4.76     5.12
4.43     NO                    NO
 L0004923         0   0.23585E-02  463733.8 3674319.9    11.2     4.76     5.12
4.43     NO                    NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

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               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004924	0	0.23585E-02	463731.5	3674330.7	12.9	4.76	5.12	4.43	NO	NO
L0004925	0	0.23585E-02	463729.3	3674341.5	14.4	4.76	5.12	4.43	NO	NO
L0004926	0	0.23585E-02	463727.0	3674352.2	14.0	4.76	5.12	4.43	NO	NO
L0004927	0	0.23585E-02	463724.7	3674363.0	13.0	4.76	5.12	4.43	NO	NO
L0004928	0	0.23585E-02	463722.4	3674373.7	11.8	4.76	5.12	4.43	NO	NO
L0004929	0	0.23585E-02	463720.1	3674384.5	11.6	4.76	5.12	4.43	NO	NO
L0004930	0	0.23585E-02	463717.8	3674395.2	11.4	4.76	5.12	4.43	NO	NO
L0004931	0	0.23585E-02	463715.5	3674406.0	12.0	4.76	5.12	4.43	NO	NO
L0004932	0	0.23585E-02	463713.2	3674416.8	12.4	4.76	5.12	4.43	NO	NO
L0004933	0	0.23585E-02	463710.9	3674427.5	13.1	4.76	5.12	4.43	NO	NO
L0004934	0	0.23585E-02	463708.7	3674438.3	14.2	4.76	5.12	4.43	NO	NO
L0004935	0	0.23585E-02	463706.4	3674449.0	15.2	4.76	5.12	4.43	NO	NO
L0004936	0	0.23585E-02	463704.1	3674459.8	15.6	4.76	5.12	4.43	NO	NO
L0004937	0	0.23585E-02	463701.8	3674470.6	15.0	4.76	5.12	4.43	NO	NO
L0004938	0	0.23585E-02	463699.5	3674481.3	14.0	4.76	5.12	4.43	NO	NO
L0004939	0	0.23585E-02	463697.2	3674492.1	13.1	4.76	5.12	4.43	NO	NO
L0004940	0	0.23585E-02	463694.9	3674502.8	12.8	4.76	5.12	4.43	NO	NO
L0004941	0	0.23585E-02	463692.6	3674513.6	12.9	4.76	5.12	4.43	NO	NO
L0004942	0	0.23585E-02	463690.4	3674524.4	13.2	4.76	5.12	4.43	NO	NO
L0004943	0	0.23585E-02	463688.1	3674535.1	13.4	4.76	5.12	4.43	NO	NO
L0004944	0	0.23585E-02	463685.8	3674545.9	13.7	4.76	5.12	4.43	NO	NO
L0004945	0	0.23585E-02	463683.5	3674556.6	13.9	4.76	5.12	4.43	NO	NO
L0004946	0	0.23585E-02	463681.2	3674567.4	14.1	4.76	5.12			

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4.43     NO                    NO
 L0004947         0   0.23585E-02  463678.9 3674578.2    14.2     4.76     5.12
4.43     NO                    NO
 L0004948         0   0.23585E-02  463676.6 3674588.9    14.1     4.76     5.12
4.43     NO                    NO
 L0004949         0   0.23585E-02  463674.3 3674599.7    14.2     4.76     5.12
4.43     NO                    NO
 L0004950         0   0.23585E-02  463672.1 3674610.4    14.2     4.76     5.12
4.43     NO                    NO
 L0004951         0   0.23585E-02  463669.8 3674621.2    14.2     4.76     5.12
4.43     NO                    NO
 L0004952         0   0.23585E-02  463667.5 3674632.0    14.3     4.76     5.12
4.43     NO                    NO
 L0004953         0   0.23585E-02  463665.2 3674642.7    14.4     4.76     5.12
4.43     NO                    NO
 L0004954         0   0.23585E-02  463662.9 3674653.5    14.5     4.76     5.12
4.43     NO                    NO
 L0004955         0   0.23585E-02  463660.6 3674664.2    14.5     4.76     5.12
4.43     NO                    NO
 L0004956         0   0.23585E-02  463658.3 3674675.0    14.5     4.76     5.12
4.43     NO                    NO
 L0004957         0   0.23585E-02  463656.0 3674685.8    14.8     4.76     5.12
4.43     NO                    NO
 L0004958         0   0.23585E-02  463653.7 3674696.5    15.0     4.76     5.12
4.43     NO                    NO
 L0004959         0   0.23585E-02  463651.5 3674707.3    15.1     4.76     5.12
4.43     NO                    NO
 L0004960         0   0.23585E-02  463649.2 3674718.0    15.3     4.76     5.12
4.43     NO                    NO
 L0004961         0   0.23585E-02  463646.9 3674728.8    15.5     4.76     5.12
4.43     NO                    NO
 L0004962         0   0.23585E-02  463644.6 3674739.6    15.7     4.76     5.12
4.43     NO                    NO
 L0004963         0   0.23585E-02  463642.3 3674750.3    15.8     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
L0004947	0	0.23585E-02	463678.9	3674578.2	14.2	4.76	5.12	4.43	NO	NO	NO
L0004948	0	0.23585E-02	463676.6	3674588.9	14.1	4.76	5.12	4.43	NO	NO	NO
L0004949	0	0.23585E-02	463674.3	3674599.7	14.2	4.76	5.12	4.43	NO	NO	NO
L0004950	0	0.23585E-02	463672.1	3674610.4	14.2	4.76	5.12	4.43	NO	NO	NO
L0004951	0	0.23585E-02	463669.8	3674621.2	14.2	4.76	5.12	4.43	NO	NO	NO
L0004952	0	0.23585E-02	463667.5	3674632.0	14.3	4.76	5.12	4.43	NO	NO	NO
L0004953	0	0.23585E-02	463665.2	3674642.7	14.4	4.76	5.12	4.43	NO	NO	NO
L0004954	0	0.23585E-02	463662.9	3674653.5	14.5	4.76	5.12	4.43	NO	NO	NO
L0004955	0	0.23585E-02	463660.6	3674664.2	14.5	4.76	5.12	4.43	NO	NO	NO
L0004956	0	0.23585E-02	463658.3	3674675.0	14.5	4.76	5.12	4.43	NO	NO	NO
L0004957	0	0.23585E-02	463656.0	3674685.8	14.8	4.76	5.12	4.43	NO	NO	NO
L0004958	0	0.23585E-02	463653.7	3674696.5	15.0	4.76	5.12	4.43	NO	NO	NO
L0004959	0	0.23585E-02	463651.5	3674707.3	15.1	4.76	5.12	4.43	NO	NO	NO
L0004960	0	0.23585E-02	463649.2	3674718.0	15.3	4.76	5.12	4.43	NO	NO	NO
L0004961	0	0.23585E-02	463646.9	3674728.8	15.5	4.76	5.12	4.43	NO	NO	NO
L0004962	0	0.23585E-02	463644.6	3674739.6	15.7	4.76	5.12	4.43	NO	NO	NO
L0004963	0	0.23585E-02	463642.3	3674750.3	15.8	4.76	5.12	4.43	NO	NO	NO

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004964	0	0.23585E-02	463640.0	3674761.1	15.8	4.76	5.12	4.43	NO	NO
L0004965	0	0.23585E-02	463637.7	3674771.8	15.8	4.76	5.12	4.43	NO	NO
L0004966	0	0.23585E-02	463635.4	3674782.6	15.7	4.76	5.12	4.43	NO	NO
L0004967	0	0.23585E-02	463633.2	3674793.3	15.5	4.76	5.12	4.43	NO	NO
L0004968	0	0.23585E-02	463630.9	3674804.1	15.4	4.76	5.12	4.43	NO	NO
L0004969	0	0.23585E-02	463628.6	3674814.9	15.6	4.76	5.12	4.43	NO	NO
L0004970	0	0.23585E-02	463626.3	3674825.6	15.7	4.76	5.12	4.43	NO	NO
L0004971	0	0.23585E-02	463624.0	3674836.4	15.8	4.76	5.12	4.43	NO	NO
L0004972	0	0.23585E-02	463621.7	3674847.1	16.2	4.76	5.12	4.43	NO	NO
L0004973	0	0.23585E-02	463619.4	3674857.9	16.5	4.76	5.12	4.43	NO	NO
L0004974	0	0.23585E-02	463617.1	3674868.7	16.8	4.76	5.12	4.43	NO	NO
L0004975	0	0.23585E-02	463614.9	3674879.4	16.7	4.76	5.12	4.43	NO	NO
L0004976	0	0.23585E-02	463612.6	3674890.2	16.6	4.76	5.12	4.43	NO	NO
L0004977	0	0.23585E-02	463610.3	3674900.9	16.6	4.76	5.12	4.43	NO	NO
L0004978	0	0.23585E-02	463608.0	3674911.7	16.4	4.76	5.12	4.43	NO	NO
L0004979	0	0.23585E-02	463605.7	3674922.5	16.2	4.76	5.12	4.43	NO	NO
L0004980	0	0.23585E-02	463603.4	3674933.2	16.2	4.76	5.12	4.43	NO	NO
L0004981	0	0.23585E-02	463601.1	3674944.0	16.4	4.76	5.12	4.43	NO	NO
L0004982	0	0.23585E-02	463598.8	3674954.7	16.6	4.76	5.12	4.43	NO	NO
L0004983	0	0.23585E-02	463596.5	3674965.5	16.8	4.76	5.12	4.43	NO	NO
L0004984	0	0.23585E-02	463594.3	3674976.3	17.1	4.76	5.12	4.43	NO	NO
L0004985	0	0.23585E-02	463592.0	3674987.0	17.4	4.76	5.12	4.43	NO	NO
L0004986	0	0.23585E-02	463589.7	3674997.8	17.4	4.76	5.12			

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4.43     NO                    NO
 L0004987         0   0.23585E-02  463587.4 3675008.5    17.3     4.76     5.12
4.43     NO                    NO
 L0004988         0   0.51546E-02  465781.6 3670987.5     7.2     4.76     5.12
4.43     NO                    NO
 L0004989         0   0.51546E-02  465775.4 3670996.5     6.8     4.76     5.12
4.43     NO                    NO
 L0004990         0   0.51546E-02  465769.1 3671005.6     6.4     4.76     5.12
4.43     NO                    NO
 L0004991         0   0.51546E-02  465762.8 3671014.6     6.0     4.76     5.12
4.43     NO                    NO
 L0004992         0   0.51546E-02  465756.6 3671023.7     6.2     4.76     5.12
4.43     NO                    NO
 L0004993         0   0.51546E-02  465750.3 3671032.7     7.1     4.76     5.12
4.43     NO                    NO
 L0004994         0   0.51546E-02  465744.1 3671041.8     6.7     4.76     5.12
4.43     NO                    NO
 L0004995         0   0.51546E-02  465737.8 3671050.8     5.8     4.76     5.12
4.43     NO                    NO
 L0004996         0   0.51546E-02  465731.5 3671059.9     5.9     4.76     5.12
4.43     NO                    NO
 L0004997         0   0.51546E-02  465725.3 3671068.9     7.2     4.76     5.12
4.43     NO                    NO
 L0004998         0   0.51546E-02  465719.0 3671077.9     5.5     4.76     5.12
4.43     NO                    NO
 L0004999         0   0.51546E-02  465712.8 3671087.0     3.8     4.76     5.12
4.43     NO                    NO
 L0005000         0   0.51546E-02  465706.5 3671096.0     2.8     4.76     5.12
4.43     NO                    NO
 L0005001         0   0.51546E-02  465700.3 3671105.1     2.5     4.76     5.12
4.43     NO                    NO
 L0005002         0   0.51546E-02  465694.0 3671114.1     2.5     4.76     5.12
4.43     NO                    NO
 L0005003         0   0.51546E-02  465687.7 3671123.1     2.6     4.76     5.12
4.43     NO                    NO
```


*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005004	0	0.51546E-02	465681.3	3671132.1	2.6	4.76	5.12	4.43	NO
L0005005	0	0.51546E-02	465675.0	3671141.1	3.2	4.76	5.12	4.43	NO
L0005006	0	0.51546E-02	465668.6	3671150.1	4.3	4.76	5.12	4.43	NO
L0005007	0	0.51546E-02	465662.3	3671159.1	5.5	4.76	5.12	4.43	NO
L0005008	0	0.51546E-02	465655.9	3671168.0	6.3	4.76	5.12	4.43	NO
L0005009	0	0.51546E-02	465649.6	3671177.0	6.6	4.76	5.12	4.43	NO
L0005010	0	0.51546E-02	465643.2	3671186.0	6.3	4.76	5.12	4.43	NO
L0005011	0	0.51546E-02	465636.8	3671195.0	6.0	4.76	5.12	4.43	NO
L0005012	0	0.51546E-02	465630.5	3671203.9	6.1	4.76	5.12	4.43	NO
L0005013	0	0.51546E-02	465624.1	3671212.9	6.8	4.76	5.12	4.43	NO
L0005014	0	0.51546E-02	465617.8	3671221.9	7.5	4.76	5.12	4.43	NO
L0005015	0	0.51546E-02	465611.4	3671230.9	7.8	4.76	5.12	4.43	NO
L0005016	0	0.51546E-02	465605.1	3671239.9	8.0	4.76	5.12	4.43	NO
L0005017	0	0.51546E-02	465598.7	3671248.8	8.4	4.76	5.12	4.43	NO
L0005018	0	0.51546E-02	465592.4	3671257.8	8.7	4.76	5.12	4.43	NO
L0005019	0	0.51546E-02	465586.0	3671266.8	8.9	4.76	5.12	4.43	NO
L0005020	0	0.51546E-02	465579.7	3671275.8	9.0	4.76	5.12	4.43	NO
L0005021	0	0.51546E-02	465573.3	3671284.8	9.1	4.76	5.12	4.43	NO
L0005022	0	0.51546E-02	465567.0	3671293.7	9.3	4.76	5.12	4.43	NO
L0005023	0	0.51546E-02	465560.6	3671302.7	9.6	4.76	5.12	4.43	NO
L0005024	0	0.51546E-02	465554.3	3671311.7	9.6	4.76	5.12	4.43	NO
L0005025	0	0.51546E-02	465547.9	3671320.7	9.7	4.76	5.12	4.43	NO
L0005026	0	0.51546E-02	465541.6	3671329.7	10.3	4.76	5.12		

4.43 NO NO
L0005027 0 0.51546E-02 465535.3 3671338.7 10.4 4.76 5.12
4.43 NO NO
L0005028 0 0.51546E-02 465528.9 3671347.7 10.2 4.76 5.12
4.43 NO NO
L0005029 0 0.51546E-02 465522.6 3671356.7 10.2 4.76 5.12
4.43 NO NO
L0005030 0 0.51546E-02 465516.2 3671365.7 10.5 4.76 5.12
4.43 NO NO
L0005031 0 0.51546E-02 465509.9 3671374.6 10.5 4.76 5.12
4.43 NO NO
L0005032 0 0.51546E-02 465503.6 3671383.6 10.1 4.76 5.12
4.43 NO NO
L0005033 0 0.51546E-02 465497.2 3671392.6 9.9 4.76 5.12
4.43 NO NO
L0005034 0 0.51546E-02 465490.9 3671401.6 10.1 4.76 5.12
4.43 NO NO
L0005035 0 0.51546E-02 465484.5 3671410.6 10.9 4.76 5.12
4.43 NO NO
L0005036 0 0.51546E-02 465478.2 3671419.6 11.4 4.76 5.12
4.43 NO NO
L0005037 0 0.51546E-02 465471.9 3671428.6 11.5 4.76 5.12
4.43 NO NO
L0005038 0 0.51546E-02 465465.5 3671437.6 11.3 4.76 5.12
4.43 NO NO
L0005039 0 0.51546E-02 465459.2 3671446.6 11.5 4.76 5.12
4.43 NO NO
L0005040 0 0.51546E-02 465452.8 3671455.5 11.7 4.76 5.12
4.43 NO NO
L0005041 0 0.51546E-02 465446.5 3671464.5 11.7 4.76 5.12
4.43 NO NO
L0005042 0 0.51546E-02 465440.1 3671473.5 11.6 4.76 5.12
4.43 NO NO
L0005043 0 0.51546E-02 465433.8 3671482.5 11.8 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005044	0	0.51546E-02	465427.5	3671491.5	11.9	4.76	5.12	4.43	NO NO
L0005045	0	0.51546E-02	465421.1	3671500.5	12.0	4.76	5.12	4.43	NO NO
L0005046	0	0.51546E-02	465414.8	3671509.5	12.0	4.76	5.12	4.43	NO NO
L0005047	0	0.51546E-02	465408.4	3671518.4	12.1	4.76	5.12	4.43	NO NO
L0005048	0	0.51546E-02	465402.1	3671527.4	12.1	4.76	5.12	4.43	NO NO
L0005049	0	0.51546E-02	465395.7	3671536.4	12.0	4.76	5.12	4.43	NO NO
L0005050	0	0.51546E-02	465389.4	3671545.4	12.2	4.76	5.12	4.43	NO NO
L0005051	0	0.51546E-02	465383.0	3671554.4	12.5	4.76	5.12	4.43	NO NO
L0005052	0	0.51546E-02	465376.7	3671563.4	12.7	4.76	5.12	4.43	NO NO
L0005053	0	0.51546E-02	465370.3	3671572.3	12.8	4.76	5.12	4.43	NO NO
L0005054	0	0.51546E-02	465364.0	3671581.3	12.8	4.76	5.12	4.43	NO NO
L0005055	0	0.51546E-02	465357.7	3671590.4	12.7	4.76	5.12	4.43	NO NO
L0005056	0	0.51546E-02	465351.4	3671599.4	12.6	4.76	5.12	4.43	NO NO
L0005057	0	0.51546E-02	465345.1	3671608.4	12.7	4.76	5.12	4.43	NO NO
L0005058	0	0.51546E-02	465338.8	3671617.4	12.8	4.76	5.12	4.43	NO NO
L0005059	0	0.51546E-02	465332.5	3671626.5	12.9	4.76	5.12	4.43	NO NO
L0005060	0	0.51546E-02	465326.3	3671635.5	12.8	4.76	5.12	4.43	NO NO
L0005061	0	0.51546E-02	465320.0	3671644.5	12.9	4.76	5.12	4.43	NO NO
L0005062	0	0.51546E-02	465313.7	3671653.5	13.2	4.76	5.12	4.43	NO NO
L0005063	0	0.51546E-02	465307.4	3671662.5	13.1	4.76	5.12	4.43	NO NO
L0005064	0	0.51546E-02	465301.1	3671671.6	12.9	4.76	5.12	4.43	NO NO
L0005065	0	0.51546E-02	465294.8	3671680.6	13.0	4.76	5.12	4.43	NO NO
L0005066	0	0.51546E-02	465288.5	3671689.6	13.3	4.76	5.12		

```
4.43     NO                    NO
 L0005067         0   0.51546E-02  465282.2 3671698.6    13.2     4.76     5.12
4.43     NO                    NO
 L0005068         0   0.51546E-02  465275.9 3671707.7    13.2     4.76     5.12
4.43     NO                    NO
 L0005069         0   0.51546E-02  465269.6 3671716.7    13.0     4.76     5.12
4.43     NO                    NO
 L0005070         0   0.51546E-02  465263.3 3671725.7    13.0     4.76     5.12
4.43     NO                    NO
 L0005071         0   0.51546E-02  465257.0 3671734.7    13.0     4.76     5.12
4.43     NO                    NO
 L0005072         0   0.51546E-02  465250.8 3671743.8    13.0     4.76     5.12
4.43     NO                    NO
 L0005073         0   0.51546E-02  465244.5 3671752.8    13.1     4.76     5.12
4.43     NO                    NO
 L0005074         0   0.51546E-02  465238.2 3671761.8    13.2     4.76     5.12
4.43     NO                    NO
 L0005075         0   0.51546E-02  465231.9 3671770.8    13.1     4.76     5.12
4.43     NO                    NO
 L0005076         0   0.51546E-02  465225.6 3671779.9    13.2     4.76     5.12
4.43     NO                    NO
 L0005077         0   0.51546E-02  465219.3 3671788.9    13.2     4.76     5.12
4.43     NO                    NO
 L0005078         0   0.51546E-02  465213.0 3671797.9    13.2     4.76     5.12
4.43     NO                    NO
 L0005079         0   0.51546E-02  465206.7 3671806.9    13.1     4.76     5.12
4.43     NO                    NO
 L0005080         0   0.51546E-02  465200.4 3671816.0    13.0     4.76     5.12
4.43     NO                    NO
 L0005081         0   0.51546E-02  465194.1 3671825.0    12.9     4.76     5.12
4.43     NO                    NO
 L0005082         0   0.51546E-02  465187.9 3671834.0    13.0     4.76     5.12
4.43     NO                    NO
 L0005083         0   0.51546E-02  465181.6 3671843.0    13.0     4.76     5.12
4.43     NO                    NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0005084	0	0.51546E-02	465175.2	3671852.0	12.5	4.76	5.12	4.43	NO	NO
L0005085	0	0.51546E-02	465168.9	3671861.0	12.5	4.76	5.12	4.43	NO	NO
L0005086	0	0.51546E-02	465162.6	3671870.0	12.9	4.76	5.12	4.43	NO	NO
L0005087	0	0.51546E-02	465156.3	3671879.0	13.0	4.76	5.12	4.43	NO	NO
L0005088	0	0.51546E-02	465150.0	3671888.0	12.6	4.76	5.12	4.43	NO	NO
L0005089	0	0.51546E-02	465143.6	3671897.0	12.6	4.76	5.12	4.43	NO	NO
L0005090	0	0.51546E-02	465137.3	3671906.0	12.9	4.76	5.12	4.43	NO	NO
L0005091	0	0.51546E-02	465131.0	3671915.1	12.8	4.76	5.12	4.43	NO	NO
L0005092	0	0.51546E-02	465124.7	3671924.1	12.5	4.76	5.12	4.43	NO	NO
L0005093	0	0.51546E-02	465118.4	3671933.1	12.5	4.76	5.12	4.43	NO	NO
L0005094	0	0.51546E-02	465112.0	3671942.1	12.5	4.76	5.12	4.43	NO	NO
L0005095	0	0.51546E-02	465105.7	3671951.1	12.4	4.76	5.12	4.43	NO	NO
L0005096	0	0.51546E-02	465099.4	3671960.1	12.3	4.76	5.12	4.43	NO	NO
L0005097	0	0.51546E-02	465093.0	3671969.0	12.3	4.76	5.12	4.43	NO	NO
L0005098	0	0.51546E-02	465086.7	3671978.0	12.3	4.76	5.12	4.43	NO	NO
L0005099	0	0.51546E-02	465080.4	3671987.0	12.5	4.76	5.12	4.43	NO	NO
L0005100	0	0.51546E-02	465074.0	3671996.0	12.6	4.76	5.12	4.43	NO	NO
L0005101	0	0.51546E-02	465067.7	3672005.0	12.4	4.76	5.12	4.43	NO	NO
L0005102	0	0.51546E-02	465061.3	3672014.0	12.5	4.76	5.12	4.43	NO	NO
L0005103	0	0.51546E-02	465055.0	3672022.9	12.9	4.76	5.12	4.43	NO	NO
L0005104	0	0.51546E-02	465048.6	3672031.9	12.6	4.76	5.12	4.43	NO	NO
L0005105	0	0.51546E-02	465042.3	3672040.9	12.3	4.76	5.12	4.43	NO	NO
L0005106	0	0.51546E-02	465035.9	3672049.9	12.5	4.76	5.12			

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4.43     NO                    NO
 L0005107         0   0.51546E-02  465029.6 3672058.9    13.0     4.76     5.12
4.43     NO                    NO
 L0005108         0   0.51546E-02  465023.2 3672067.9    12.7     4.76     5.12
4.43     NO                    NO
 L0005109         0   0.51546E-02  465016.9 3672076.8    12.7     4.76     5.12
4.43     NO                    NO
 L0005110         0   0.51546E-02  465010.5 3672085.8    12.9     4.76     5.12
4.43     NO                    NO
 L0005111         0   0.51546E-02  465004.2 3672094.8    13.2     4.76     5.12
4.43     NO                    NO
 L0005112         0   0.51546E-02  464997.8 3672103.8    13.0     4.76     5.12
4.43     NO                    NO
 L0005113         0   0.51546E-02  464991.5 3672112.8    12.8     4.76     5.12
4.43     NO                    NO
 L0005114         0   0.51546E-02  464985.1 3672121.8    12.7     4.76     5.12
4.43     NO                    NO
 L0005115         0   0.51546E-02  464978.8 3672130.8    12.5     4.76     5.12
4.43     NO                    NO
 L0005116         0   0.51546E-02  464972.4 3672139.7    12.5     4.76     5.12
4.43     NO                    NO
 L0005117         0   0.51546E-02  464966.1 3672148.7    12.4     4.76     5.12
4.43     NO                    NO
 L0005118         0   0.51546E-02  464959.7 3672157.7    12.5     4.76     5.12
4.43     NO                    NO
 L0005119         0   0.51546E-02  464953.4 3672166.7    12.6     4.76     5.12
4.43     NO                    NO
 L0005120         0   0.51546E-02  464947.1 3672175.7    12.6     4.76     5.12
4.43     NO                    NO
 L0005121         0   0.51546E-02  464940.7 3672184.7    12.6     4.76     5.12
4.43     NO                    NO
 L0005122         0   0.51546E-02  464934.4 3672193.6    12.7     4.76     5.12
4.43     NO                    NO
 L0005123         0   0.51546E-02  464928.0 3672202.6    12.9     4.76     5.12
4.43     NO                    NO
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005124	0	0.51546E-02	464921.7	3672211.6	13.0	4.76	5.12	4.43	NO
L0005125	0	0.51546E-02	464915.3	3672220.6	12.9	4.76	5.12	4.43	NO
L0005126	0	0.51546E-02	464909.0	3672229.6	12.9	4.76	5.12	4.43	NO
L0005127	0	0.51546E-02	464902.6	3672238.6	13.4	4.76	5.12	4.43	NO
L0005128	0	0.51546E-02	464896.3	3672247.5	13.4	4.76	5.12	4.43	NO
L0005129	0	0.51546E-02	464889.9	3672256.5	13.2	4.76	5.12	4.43	NO
L0005130	0	0.51546E-02	464883.6	3672265.5	13.3	4.76	5.12	4.43	NO
L0005131	0	0.51546E-02	464877.2	3672274.5	13.6	4.76	5.12	4.43	NO
L0005132	0	0.51546E-02	464870.9	3672283.5	13.6	4.76	5.12	4.43	NO
L0005133	0	0.51546E-02	464864.5	3672292.5	13.5	4.76	5.12	4.43	NO
L0005134	0	0.51546E-02	464858.2	3672301.4	13.7	4.76	5.12	4.43	NO
L0005135	0	0.51546E-02	464851.8	3672310.4	13.8	4.76	5.12	4.43	NO
L0005136	0	0.51546E-02	464845.5	3672319.4	13.6	4.76	5.12	4.43	NO
L0005137	0	0.51546E-02	464839.1	3672328.4	13.4	4.76	5.12	4.43	NO
L0005138	0	0.51546E-02	464832.8	3672337.4	13.2	4.76	5.12	4.43	NO
L0005139	0	0.51546E-02	464826.4	3672346.4	13.2	4.76	5.12	4.43	NO
L0005140	0	0.51546E-02	464820.1	3672355.3	13.1	4.76	5.12	4.43	NO
L0005141	0	0.51546E-02	464813.8	3672364.3	13.1	4.76	5.12	4.43	NO
L0005142	0	0.51546E-02	464807.4	3672373.3	13.3	4.76	5.12	4.43	NO
L0005143	0	0.51546E-02	464801.1	3672382.3	13.5	4.76	5.12	4.43	NO
L0005144	0	0.51546E-02	464794.7	3672391.3	13.6	4.76	5.12	4.43	NO
L0005145	0	0.51546E-02	464788.4	3672400.3	13.6	4.76	5.12	4.43	NO
L0005146	0	0.51546E-02	464782.0	3672409.2	13.6	4.76	5.12		

4.43 NO NO
L0005147 0 0.51546E-02 464775.7 3672418.2 13.8 4.76 5.12
4.43 NO NO
L0005148 0 0.51546E-02 464769.3 3672427.2 14.1 4.76 5.12
4.43 NO NO
L0005149 0 0.51546E-02 464763.0 3672436.2 14.0 4.76 5.12
4.43 NO NO
L0005150 0 0.51546E-02 464756.6 3672445.2 14.0 4.76 5.12
4.43 NO NO
L0005151 0 0.51546E-02 464750.3 3672454.2 14.1 4.76 5.12
4.43 NO NO
L0005152 0 0.51546E-02 464743.9 3672463.1 14.1 4.76 5.12
4.43 NO NO
L0005153 0 0.51546E-02 464737.6 3672472.1 14.1 4.76 5.12
4.43 NO NO
L0005154 0 0.51546E-02 464731.2 3672481.1 14.1 4.76 5.12
4.43 NO NO
L0005155 0 0.51546E-02 464724.9 3672490.1 14.3 4.76 5.12
4.43 NO NO
L0005156 0 0.51546E-02 464718.5 3672499.1 14.3 4.76 5.12
4.43 NO NO
L0005157 0 0.51546E-02 464712.2 3672508.1 14.2 4.76 5.12
4.43 NO NO
L0005158 0 0.51546E-02 464705.8 3672517.1 14.1 4.76 5.12
4.43 NO NO
L0005159 0 0.51546E-02 464699.5 3672526.0 14.0 4.76 5.12
4.43 NO NO
L0005160 0 0.51546E-02 464693.1 3672535.0 14.0 4.76 5.12
4.43 NO NO
L0005161 0 0.51546E-02 464686.8 3672544.0 14.1 4.76 5.12
4.43 NO NO
L0005162 0 0.51546E-02 464680.5 3672553.0 14.3 4.76 5.12
4.43 NO NO
L0005163 0 0.51546E-02 464674.1 3672562.0 14.5 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		
		BY								
L0005164	0	0.51546E-02	464667.8	3672571.0	14.5	4.76	5.12	4.43	NO	NO
L0005165	0	0.51546E-02	464661.4	3672579.9	14.5	4.76	5.12	4.43	NO	NO
L0005166	0	0.51546E-02	464655.1	3672588.9	14.5	4.76	5.12	4.43	NO	NO
L0005167	0	0.51546E-02	464648.7	3672597.9	14.4	4.76	5.12	4.43	NO	NO
L0005168	0	0.51546E-02	464642.4	3672606.9	14.4	4.76	5.12	4.43	NO	NO
L0005169	0	0.51546E-02	464636.2	3672616.0	14.4	4.76	5.12	4.43	NO	NO
L0005170	0	0.51546E-02	464630.0	3672625.1	14.4	4.76	5.12	4.43	NO	NO
L0005171	0	0.51546E-02	464623.8	3672634.2	14.4	4.76	5.12	4.43	NO	NO
L0005172	0	0.51546E-02	464617.6	3672643.2	14.4	4.76	5.12	4.43	NO	NO
L0005173	0	0.51546E-02	464611.4	3672652.3	14.4	4.76	5.12	4.43	NO	NO
L0005174	0	0.51546E-02	464605.1	3672661.4	14.5	4.76	5.12	4.43	NO	NO
L0005175	0	0.51546E-02	464598.9	3672670.5	14.5	4.76	5.12	4.43	NO	NO
L0005176	0	0.51546E-02	464592.7	3672679.6	14.4	4.76	5.12	4.43	NO	NO
L0005177	0	0.51546E-02	464586.5	3672688.6	14.4	4.76	5.12	4.43	NO	NO
L0005178	0	0.51546E-02	464580.3	3672697.7	14.5	4.76	5.12	4.43	NO	NO
L0005179	0	0.51546E-02	464574.1	3672706.8	14.7	4.76	5.12	4.43	NO	NO
L0005180	0	0.51546E-02	464567.9	3672715.9	14.7	4.76	5.12	4.43	NO	NO
L0005181	0	0.51546E-02	464561.7	3672725.0	14.6	4.76	5.12	4.43	NO	NO
L0005182	0	0.23585E-02	465781.6	3670987.5	7.2	4.76	5.12	4.43	NO	NO
L0005183	0	0.23585E-02	465775.4	3670996.5	6.8	4.76	5.12	4.43	NO	NO
L0005184	0	0.23585E-02	465769.1	3671005.6	6.4	4.76	5.12	4.43	NO	NO
L0005185	0	0.23585E-02	465762.8	3671014.6	6.0	4.76	5.12	4.43	NO	NO
L0005186	0	0.23585E-02	465756.6	3671023.7	6.2	4.76	5.12			

```
4.43     NO                    NO
 L0005187         0   0.23585E-02  465750.3 3671032.7     7.1     4.76     5.12
4.43     NO                    NO
 L0005188         0   0.23585E-02  465744.1 3671041.8     6.7     4.76     5.12
4.43     NO                    NO
 L0005189         0   0.23585E-02  465737.8 3671050.8     5.8     4.76     5.12
4.43     NO                    NO
 L0005190         0   0.23585E-02  465731.5 3671059.9     5.9     4.76     5.12
4.43     NO                    NO
 L0005191         0   0.23585E-02  465725.3 3671068.9     7.2     4.76     5.12
4.43     NO                    NO
 L0005192         0   0.23585E-02  465719.0 3671077.9     5.5     4.76     5.12
4.43     NO                    NO
 L0005193         0   0.23585E-02  465712.8 3671087.0     3.8     4.76     5.12
4.43     NO                    NO
 L0005194         0   0.23585E-02  465706.5 3671096.0     2.8     4.76     5.12
4.43     NO                    NO
 L0005195         0   0.23585E-02  465700.3 3671105.1     2.5     4.76     5.12
4.43     NO                    NO
 L0005196         0   0.23585E-02  465694.0 3671114.1     2.5     4.76     5.12
4.43     NO                    NO
 L0005197         0   0.23585E-02  465687.7 3671123.1     2.6     4.76     5.12
4.43     NO                    NO
 L0005198         0   0.23585E-02  465681.3 3671132.1     2.6     4.76     5.12
4.43     NO                    NO
 L0005199         0   0.23585E-02  465675.0 3671141.1     3.2     4.76     5.12
4.43     NO                    NO
 L0005200         0   0.23585E-02  465668.6 3671150.1     4.3     4.76     5.12
4.43     NO                    NO
 L0005201         0   0.23585E-02  465662.3 3671159.1     5.5     4.76     5.12
4.43     NO                    NO
 L0005202         0   0.23585E-02  465655.9 3671168.0     6.3     4.76     5.12
4.43     NO                    NO
 L0005203         0   0.23585E-02  465649.6 3671177.0     6.6     4.76     5.12
4.43     NO                    NO
```


*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
L0005187	0	0.23585E-02	465750.3	3671032.7	7.1	4.76	5.12	4.43	NO	NO	NO
L0005188	0	0.23585E-02	465744.1	3671041.8	6.7	4.76	5.12	4.43	NO	NO	NO
L0005189	0	0.23585E-02	465737.8	3671050.8	5.8	4.76	5.12	4.43	NO	NO	NO
L0005190	0	0.23585E-02	465731.5	3671059.9	5.9	4.76	5.12	4.43	NO	NO	NO
L0005191	0	0.23585E-02	465725.3	3671068.9	7.2	4.76	5.12	4.43	NO	NO	NO
L0005192	0	0.23585E-02	465719.0	3671077.9	5.5	4.76	5.12	4.43	NO	NO	NO
L0005193	0	0.23585E-02	465712.8	3671087.0	3.8	4.76	5.12	4.43	NO	NO	NO
L0005194	0	0.23585E-02	465706.5	3671096.0	2.8	4.76	5.12	4.43	NO	NO	NO
L0005195	0	0.23585E-02	465700.3	3671105.1	2.5	4.76	5.12	4.43	NO	NO	NO
L0005196	0	0.23585E-02	465694.0	3671114.1	2.5	4.76	5.12	4.43	NO	NO	NO
L0005197	0	0.23585E-02	465687.7	3671123.1	2.6	4.76	5.12	4.43	NO	NO	NO
L0005198	0	0.23585E-02	465681.3	3671132.1	2.6	4.76	5.12	4.43	NO	NO	NO
L0005199	0	0.23585E-02	465675.0	3671141.1	3.2	4.76	5.12	4.43	NO	NO	NO
L0005200	0	0.23585E-02	465668.6	3671150.1	4.3	4.76	5.12	4.43	NO	NO	NO
L0005201	0	0.23585E-02	465662.3	3671159.1	5.5	4.76	5.12	4.43	NO	NO	NO
L0005202	0	0.23585E-02	465655.9	3671168.0	6.3	4.76	5.12	4.43	NO	NO	NO
L0005203	0	0.23585E-02	465649.6	3671177.0	6.6	4.76	5.12	4.43	NO	NO	NO

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005204	0	0.23585E-02	465643.2	3671186.0	6.3	4.76	5.12	4.43	NO NO
L0005205	0	0.23585E-02	465636.8	3671195.0	6.0	4.76	5.12	4.43	NO NO
L0005206	0	0.23585E-02	465630.5	3671203.9	6.1	4.76	5.12	4.43	NO NO
L0005207	0	0.23585E-02	465624.1	3671212.9	6.8	4.76	5.12	4.43	NO NO
L0005208	0	0.23585E-02	465617.8	3671221.9	7.5	4.76	5.12	4.43	NO NO
L0005209	0	0.23585E-02	465611.4	3671230.9	7.8	4.76	5.12	4.43	NO NO
L0005210	0	0.23585E-02	465605.1	3671239.9	8.0	4.76	5.12	4.43	NO NO
L0005211	0	0.23585E-02	465598.7	3671248.8	8.4	4.76	5.12	4.43	NO NO
L0005212	0	0.23585E-02	465592.4	3671257.8	8.7	4.76	5.12	4.43	NO NO
L0005213	0	0.23585E-02	465586.0	3671266.8	8.9	4.76	5.12	4.43	NO NO
L0005214	0	0.23585E-02	465579.7	3671275.8	9.0	4.76	5.12	4.43	NO NO
L0005215	0	0.23585E-02	465573.3	3671284.8	9.1	4.76	5.12	4.43	NO NO
L0005216	0	0.23585E-02	465567.0	3671293.7	9.3	4.76	5.12	4.43	NO NO
L0005217	0	0.23585E-02	465560.6	3671302.7	9.6	4.76	5.12	4.43	NO NO
L0005218	0	0.23585E-02	465554.3	3671311.7	9.6	4.76	5.12	4.43	NO NO
L0005219	0	0.23585E-02	465547.9	3671320.7	9.7	4.76	5.12	4.43	NO NO
L0005220	0	0.23585E-02	465541.6	3671329.7	10.3	4.76	5.12	4.43	NO NO
L0005221	0	0.23585E-02	465535.3	3671338.7	10.4	4.76	5.12	4.43	NO NO
L0005222	0	0.23585E-02	465528.9	3671347.7	10.2	4.76	5.12	4.43	NO NO
L0005223	0	0.23585E-02	465522.6	3671356.7	10.2	4.76	5.12	4.43	NO NO
L0005224	0	0.23585E-02	465516.2	3671365.7	10.5	4.76	5.12	4.43	NO NO
L0005225	0	0.23585E-02	465509.9	3671374.6	10.5	4.76	5.12	4.43	NO NO
L0005226	0	0.23585E-02	465503.6	3671383.6	10.1	4.76	5.12		

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4.43     NO                    NO
 L0005227         0   0.23585E-02  465497.2 3671392.6     9.9     4.76     5.12
4.43     NO                    NO
 L0005228         0   0.23585E-02  465490.9 3671401.6    10.1     4.76     5.12
4.43     NO                    NO
 L0005229         0   0.23585E-02  465484.5 3671410.6    10.9     4.76     5.12
4.43     NO                    NO
 L0005230         0   0.23585E-02  465478.2 3671419.6    11.4     4.76     5.12
4.43     NO                    NO
 L0005231         0   0.23585E-02  465471.9 3671428.6    11.5     4.76     5.12
4.43     NO                    NO
 L0005232         0   0.23585E-02  465465.5 3671437.6    11.3     4.76     5.12
4.43     NO                    NO
 L0005233         0   0.23585E-02  465459.2 3671446.6    11.5     4.76     5.12
4.43     NO                    NO
 L0005234         0   0.23585E-02  465452.8 3671455.5    11.7     4.76     5.12
4.43     NO                    NO
 L0005235         0   0.23585E-02  465446.5 3671464.5    11.7     4.76     5.12
4.43     NO                    NO
 L0005236         0   0.23585E-02  465440.1 3671473.5    11.6     4.76     5.12
4.43     NO                    NO
 L0005237         0   0.23585E-02  465433.8 3671482.5    11.8     4.76     5.12
4.43     NO                    NO
 L0005238         0   0.23585E-02  465427.5 3671491.5    11.9     4.76     5.12
4.43     NO                    NO
 L0005239         0   0.23585E-02  465421.1 3671500.5    12.0     4.76     5.12
4.43     NO                    NO
 L0005240         0   0.23585E-02  465414.8 3671509.5    12.0     4.76     5.12
4.43     NO                    NO
 L0005241         0   0.23585E-02  465408.4 3671518.4    12.1     4.76     5.12
4.43     NO                    NO
 L0005242         0   0.23585E-02  465402.1 3671527.4    12.1     4.76     5.12
4.43     NO                    NO
 L0005243         0   0.23585E-02  465395.7 3671536.4    12.0     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005244	0	0.23585E-02	465389.4	3671545.4	12.2	4.76	5.12	4.43	NO NO
L0005245	0	0.23585E-02	465383.0	3671554.4	12.5	4.76	5.12	4.43	NO NO
L0005246	0	0.23585E-02	465376.7	3671563.4	12.7	4.76	5.12	4.43	NO NO
L0005247	0	0.23585E-02	465370.3	3671572.3	12.8	4.76	5.12	4.43	NO NO
L0005248	0	0.23585E-02	465364.0	3671581.3	12.8	4.76	5.12	4.43	NO NO
L0005249	0	0.23585E-02	465357.7	3671590.4	12.7	4.76	5.12	4.43	NO NO
L0005250	0	0.23585E-02	465351.4	3671599.4	12.6	4.76	5.12	4.43	NO NO
L0005251	0	0.23585E-02	465345.1	3671608.4	12.7	4.76	5.12	4.43	NO NO
L0005252	0	0.23585E-02	465338.8	3671617.4	12.8	4.76	5.12	4.43	NO NO
L0005253	0	0.23585E-02	465332.5	3671626.5	12.9	4.76	5.12	4.43	NO NO
L0005254	0	0.23585E-02	465326.3	3671635.5	12.8	4.76	5.12	4.43	NO NO
L0005255	0	0.23585E-02	465320.0	3671644.5	12.9	4.76	5.12	4.43	NO NO
L0005256	0	0.23585E-02	465313.7	3671653.5	13.2	4.76	5.12	4.43	NO NO
L0005257	0	0.23585E-02	465307.4	3671662.5	13.1	4.76	5.12	4.43	NO NO
L0005258	0	0.23585E-02	465301.1	3671671.6	12.9	4.76	5.12	4.43	NO NO
L0005259	0	0.23585E-02	465294.8	3671680.6	13.0	4.76	5.12	4.43	NO NO
L0005260	0	0.23585E-02	465288.5	3671689.6	13.3	4.76	5.12	4.43	NO NO
L0005261	0	0.23585E-02	465282.2	3671698.6	13.2	4.76	5.12	4.43	NO NO
L0005262	0	0.23585E-02	465275.9	3671707.7	13.2	4.76	5.12	4.43	NO NO
L0005263	0	0.23585E-02	465269.6	3671716.7	13.0	4.76	5.12	4.43	NO NO
L0005264	0	0.23585E-02	465263.3	3671725.7	13.0	4.76	5.12	4.43	NO NO
L0005265	0	0.23585E-02	465257.0	3671734.7	13.0	4.76	5.12	4.43	NO NO
L0005266	0	0.23585E-02	465250.8	3671743.8	13.0	4.76	5.12		

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4.43     NO                    NO
 L0005267         0   0.23585E-02  465244.5 3671752.8    13.1     4.76     5.12
4.43     NO                    NO
 L0005268         0   0.23585E-02  465238.2 3671761.8    13.2     4.76     5.12
4.43     NO                    NO
 L0005269         0   0.23585E-02  465231.9 3671770.8    13.1     4.76     5.12
4.43     NO                    NO
 L0005270         0   0.23585E-02  465225.6 3671779.9    13.2     4.76     5.12
4.43     NO                    NO
 L0005271         0   0.23585E-02  465219.3 3671788.9    13.2     4.76     5.12
4.43     NO                    NO
 L0005272         0   0.23585E-02  465213.0 3671797.9    13.2     4.76     5.12
4.43     NO                    NO
 L0005273         0   0.23585E-02  465206.7 3671806.9    13.1     4.76     5.12
4.43     NO                    NO
 L0005274         0   0.23585E-02  465200.4 3671816.0    13.0     4.76     5.12
4.43     NO                    NO
 L0005275         0   0.23585E-02  465194.1 3671825.0    12.9     4.76     5.12
4.43     NO                    NO
 L0005276         0   0.23585E-02  465187.9 3671834.0    13.0     4.76     5.12
4.43     NO                    NO
 L0005277         0   0.23585E-02  465181.6 3671843.0    13.0     4.76     5.12
4.43     NO                    NO
 L0005278         0   0.23585E-02  465175.2 3671852.0    12.5     4.76     5.12
4.43     NO                    NO
 L0005279         0   0.23585E-02  465168.9 3671861.0    12.5     4.76     5.12
4.43     NO                    NO
 L0005280         0   0.23585E-02  465162.6 3671870.0    12.9     4.76     5.12
4.43     NO                    NO
 L0005281         0   0.23585E-02  465156.3 3671879.0    13.0     4.76     5.12
4.43     NO                    NO
 L0005282         0   0.23585E-02  465150.0 3671888.0    12.6     4.76     5.12
4.43     NO                    NO
 L0005283         0   0.23585E-02  465143.6 3671897.0    12.6     4.76     5.12
4.43     NO                    NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** VOLUME SOURCE DATA ***

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               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0005284	0	0.23585E-02	465137.3	3671906.0	12.9	4.76	5.12	4.43	NO	NO
L0005285	0	0.23585E-02	465131.0	3671915.1	12.8	4.76	5.12	4.43	NO	NO
L0005286	0	0.23585E-02	465124.7	3671924.1	12.5	4.76	5.12	4.43	NO	NO
L0005287	0	0.23585E-02	465118.4	3671933.1	12.5	4.76	5.12	4.43	NO	NO
L0005288	0	0.23585E-02	465112.0	3671942.1	12.5	4.76	5.12	4.43	NO	NO
L0005289	0	0.23585E-02	465105.7	3671951.1	12.4	4.76	5.12	4.43	NO	NO
L0005290	0	0.23585E-02	465099.4	3671960.1	12.3	4.76	5.12	4.43	NO	NO
L0005291	0	0.23585E-02	465093.0	3671969.0	12.3	4.76	5.12	4.43	NO	NO
L0005292	0	0.23585E-02	465086.7	3671978.0	12.3	4.76	5.12	4.43	NO	NO
L0005293	0	0.23585E-02	465080.4	3671987.0	12.5	4.76	5.12	4.43	NO	NO
L0005294	0	0.23585E-02	465074.0	3671996.0	12.6	4.76	5.12	4.43	NO	NO
L0005295	0	0.23585E-02	465067.7	3672005.0	12.4	4.76	5.12	4.43	NO	NO
L0005296	0	0.23585E-02	465061.3	3672014.0	12.5	4.76	5.12	4.43	NO	NO
L0005297	0	0.23585E-02	465055.0	3672022.9	12.9	4.76	5.12	4.43	NO	NO
L0005298	0	0.23585E-02	465048.6	3672031.9	12.6	4.76	5.12	4.43	NO	NO
L0005299	0	0.23585E-02	465042.3	3672040.9	12.3	4.76	5.12	4.43	NO	NO
L0005300	0	0.23585E-02	465035.9	3672049.9	12.5	4.76	5.12	4.43	NO	NO
L0005301	0	0.23585E-02	465029.6	3672058.9	13.0	4.76	5.12	4.43	NO	NO
L0005302	0	0.23585E-02	465023.2	3672067.9	12.7	4.76	5.12	4.43	NO	NO
L0005303	0	0.23585E-02	465016.9	3672076.8	12.7	4.76	5.12	4.43	NO	NO
L0005304	0	0.23585E-02	465010.5	3672085.8	12.9	4.76	5.12	4.43	NO	NO
L0005305	0	0.23585E-02	465004.2	3672094.8	13.2	4.76	5.12	4.43	NO	NO
L0005306	0	0.23585E-02	464997.8	3672103.8	13.0	4.76	5.12			

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4.43     NO                    NO
 L0005307         0   0.23585E-02  464991.5 3672112.8    12.8     4.76     5.12
4.43     NO                    NO
 L0005308         0   0.23585E-02  464985.1 3672121.8    12.7     4.76     5.12
4.43     NO                    NO
 L0005309         0   0.23585E-02  464978.8 3672130.8    12.5     4.76     5.12
4.43     NO                    NO
 L0005310         0   0.23585E-02  464972.4 3672139.7    12.5     4.76     5.12
4.43     NO                    NO
 L0005311         0   0.23585E-02  464966.1 3672148.7    12.4     4.76     5.12
4.43     NO                    NO
 L0005312         0   0.23585E-02  464959.7 3672157.7    12.5     4.76     5.12
4.43     NO                    NO
 L0005313         0   0.23585E-02  464953.4 3672166.7    12.6     4.76     5.12
4.43     NO                    NO
 L0005314         0   0.23585E-02  464947.1 3672175.7    12.6     4.76     5.12
4.43     NO                    NO
 L0005315         0   0.23585E-02  464940.7 3672184.7    12.6     4.76     5.12
4.43     NO                    NO
 L0005316         0   0.23585E-02  464934.4 3672193.6    12.7     4.76     5.12
4.43     NO                    NO
 L0005317         0   0.23585E-02  464928.0 3672202.6    12.9     4.76     5.12
4.43     NO                    NO
 L0005318         0   0.23585E-02  464921.7 3672211.6    13.0     4.76     5.12
4.43     NO                    NO
 L0005319         0   0.23585E-02  464915.3 3672220.6    12.9     4.76     5.12
4.43     NO                    NO
 L0005320         0   0.23585E-02  464909.0 3672229.6    12.9     4.76     5.12
4.43     NO                    NO
 L0005321         0   0.23585E-02  464902.6 3672238.6    13.4     4.76     5.12
4.43     NO                    NO
 L0005322         0   0.23585E-02  464896.3 3672247.5    13.4     4.76     5.12
4.43     NO                    NO
 L0005323         0   0.23585E-02  464889.9 3672256.5    13.2     4.76     5.12
4.43     NO                    NO
```


*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
L0005307	0	0.23585E-02	464991.5	3672112.8	12.8	4.76	5.12	4.43	NO	NO	NO
L0005308	0	0.23585E-02	464985.1	3672121.8	12.7	4.76	5.12	4.43	NO	NO	NO
L0005309	0	0.23585E-02	464978.8	3672130.8	12.5	4.76	5.12	4.43	NO	NO	NO
L0005310	0	0.23585E-02	464972.4	3672139.7	12.5	4.76	5.12	4.43	NO	NO	NO
L0005311	0	0.23585E-02	464966.1	3672148.7	12.4	4.76	5.12	4.43	NO	NO	NO
L0005312	0	0.23585E-02	464959.7	3672157.7	12.5	4.76	5.12	4.43	NO	NO	NO
L0005313	0	0.23585E-02	464953.4	3672166.7	12.6	4.76	5.12	4.43	NO	NO	NO
L0005314	0	0.23585E-02	464947.1	3672175.7	12.6	4.76	5.12	4.43	NO	NO	NO
L0005315	0	0.23585E-02	464940.7	3672184.7	12.6	4.76	5.12	4.43	NO	NO	NO
L0005316	0	0.23585E-02	464934.4	3672193.6	12.7	4.76	5.12	4.43	NO	NO	NO
L0005317	0	0.23585E-02	464928.0	3672202.6	12.9	4.76	5.12	4.43	NO	NO	NO
L0005318	0	0.23585E-02	464921.7	3672211.6	13.0	4.76	5.12	4.43	NO	NO	NO
L0005319	0	0.23585E-02	464915.3	3672220.6	12.9	4.76	5.12	4.43	NO	NO	NO
L0005320	0	0.23585E-02	464909.0	3672229.6	12.9	4.76	5.12	4.43	NO	NO	NO
L0005321	0	0.23585E-02	464902.6	3672238.6	13.4	4.76	5.12	4.43	NO	NO	NO
L0005322	0	0.23585E-02	464896.3	3672247.5	13.4	4.76	5.12	4.43	NO	NO	NO
L0005323	0	0.23585E-02	464889.9	3672256.5	13.2	4.76	5.12	4.43	NO	NO	NO

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0005324	0	0.23585E-02	464883.6	3672265.5	13.3	4.76	5.12	4.43	NO	NO
L0005325	0	0.23585E-02	464877.2	3672274.5	13.6	4.76	5.12	4.43	NO	NO
L0005326	0	0.23585E-02	464870.9	3672283.5	13.6	4.76	5.12	4.43	NO	NO
L0005327	0	0.23585E-02	464864.5	3672292.5	13.5	4.76	5.12	4.43	NO	NO
L0005328	0	0.23585E-02	464858.2	3672301.4	13.7	4.76	5.12	4.43	NO	NO
L0005329	0	0.23585E-02	464851.8	3672310.4	13.8	4.76	5.12	4.43	NO	NO
L0005330	0	0.23585E-02	464845.5	3672319.4	13.6	4.76	5.12	4.43	NO	NO
L0005331	0	0.23585E-02	464839.1	3672328.4	13.4	4.76	5.12	4.43	NO	NO
L0005332	0	0.23585E-02	464832.8	3672337.4	13.2	4.76	5.12	4.43	NO	NO
L0005333	0	0.23585E-02	464826.4	3672346.4	13.2	4.76	5.12	4.43	NO	NO
L0005334	0	0.23585E-02	464820.1	3672355.3	13.1	4.76	5.12	4.43	NO	NO
L0005335	0	0.23585E-02	464813.8	3672364.3	13.1	4.76	5.12	4.43	NO	NO
L0005336	0	0.23585E-02	464807.4	3672373.3	13.3	4.76	5.12	4.43	NO	NO
L0005337	0	0.23585E-02	464801.1	3672382.3	13.5	4.76	5.12	4.43	NO	NO
L0005338	0	0.23585E-02	464794.7	3672391.3	13.6	4.76	5.12	4.43	NO	NO
L0005339	0	0.23585E-02	464788.4	3672400.3	13.6	4.76	5.12	4.43	NO	NO
L0005340	0	0.23585E-02	464782.0	3672409.2	13.6	4.76	5.12	4.43	NO	NO
L0005341	0	0.23585E-02	464775.7	3672418.2	13.8	4.76	5.12	4.43	NO	NO
L0005342	0	0.23585E-02	464769.3	3672427.2	14.1	4.76	5.12	4.43	NO	NO
L0005343	0	0.23585E-02	464763.0	3672436.2	14.0	4.76	5.12	4.43	NO	NO
L0005344	0	0.23585E-02	464756.6	3672445.2	14.0	4.76	5.12	4.43	NO	NO
L0005345	0	0.23585E-02	464750.3	3672454.2	14.1	4.76	5.12	4.43	NO	NO
L0005346	0	0.23585E-02	464743.9	3672463.1	14.1	4.76	5.12			

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4.43     NO                    NO
 L0005347         0   0.23585E-02  464737.6 3672472.1    14.1     4.76     5.12
4.43     NO                    NO
 L0005348         0   0.23585E-02  464731.2 3672481.1    14.1     4.76     5.12
4.43     NO                    NO
 L0005349         0   0.23585E-02  464724.9 3672490.1    14.3     4.76     5.12
4.43     NO                    NO
 L0005350         0   0.23585E-02  464718.5 3672499.1    14.3     4.76     5.12
4.43     NO                    NO
 L0005351         0   0.23585E-02  464712.2 3672508.1    14.2     4.76     5.12
4.43     NO                    NO
 L0005352         0   0.23585E-02  464705.8 3672517.1    14.1     4.76     5.12
4.43     NO                    NO
 L0005353         0   0.23585E-02  464699.5 3672526.0    14.0     4.76     5.12
4.43     NO                    NO
 L0005354         0   0.23585E-02  464693.1 3672535.0    14.0     4.76     5.12
4.43     NO                    NO
 L0005355         0   0.23585E-02  464686.8 3672544.0    14.1     4.76     5.12
4.43     NO                    NO
 L0005356         0   0.23585E-02  464680.5 3672553.0    14.3     4.76     5.12
4.43     NO                    NO
 L0005357         0   0.23585E-02  464674.1 3672562.0    14.5     4.76     5.12
4.43     NO                    NO
 L0005358         0   0.23585E-02  464667.8 3672571.0    14.5     4.76     5.12
4.43     NO                    NO
 L0005359         0   0.23585E-02  464661.4 3672579.9    14.5     4.76     5.12
4.43     NO                    NO
 L0005360         0   0.23585E-02  464655.1 3672588.9    14.5     4.76     5.12
4.43     NO                    NO
 L0005361         0   0.23585E-02  464648.7 3672597.9    14.4     4.76     5.12
4.43     NO                    NO
 L0005362         0   0.23585E-02  464642.4 3672606.9    14.4     4.76     5.12
4.43     NO                    NO
 L0005363         0   0.23585E-02  464636.1 3672615.9    14.4     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0005364	0	0.23585E-02	464629.8	3672625.0	14.4	4.76	5.12	4.43	NO	NO
L0005365	0	0.23585E-02	464623.6	3672634.0	14.4	4.76	5.12	4.43	NO	NO
L0005366	0	0.23585E-02	464617.3	3672643.0	14.4	4.76	5.12	4.43	NO	NO
L0005367	0	0.23585E-02	464611.0	3672652.1	14.4	4.76	5.12	4.43	NO	NO
L0005368	0	0.23585E-02	464604.7	3672661.1	14.5	4.76	5.12	4.43	NO	NO
L0005369	0	0.23585E-02	464598.5	3672670.1	14.5	4.76	5.12	4.43	NO	NO
L0005370	0	0.23585E-02	464592.2	3672679.2	14.4	4.76	5.12	4.43	NO	NO
L0005371	0	0.23585E-02	464585.9	3672688.2	14.4	4.76	5.12	4.43	NO	NO
L0005372	0	0.23585E-02	464579.6	3672697.3	14.5	4.76	5.12	4.43	NO	NO
L0005373	0	0.23585E-02	464573.4	3672706.3	14.7	4.76	5.12	4.43	NO	NO
L0005374	0	0.23585E-02	464567.1	3672715.3	14.7	4.76	5.12	4.43	NO	NO
L0005375	0	0.23585E-02	464560.8	3672724.4	14.5	4.76	5.12	4.43	NO	NO
L0005376	0	0.23585E-02	464554.5	3672733.4	14.5	4.76	5.12	4.43	NO	NO
L0005377	0	0.23585E-02	464548.3	3672742.4	14.5	4.76	5.12	4.43	NO	NO
L0005378	0	0.23585E-02	464542.0	3672751.5	14.5	4.76	5.12	4.43	NO	NO
L0005379	0	0.23585E-02	464535.7	3672760.5	14.5	4.76	5.12	4.43	NO	NO
L0005380	0	0.23585E-02	464529.4	3672769.5	14.5	4.76	5.12	4.43	NO	NO
L0005381	0	0.23585E-02	464523.2	3672778.6	14.5	4.76	5.12	4.43	NO	NO
L0005382	0	0.23585E-02	464516.9	3672787.6	14.6	4.76	5.12	4.43	NO	NO
L0005383	0	0.23585E-02	464510.6	3672796.6	14.5	4.76	5.12	4.43	NO	NO
L0005384	0	0.23585E-02	464504.3	3672805.7	14.5	4.76	5.12	4.43	NO	NO
L0005385	0	0.23585E-02	464498.1	3672814.7	14.5	4.76	5.12	4.43	NO	NO
L0005386	0	0.23585E-02	464491.7	3672823.7	14.4	4.76	5.12			

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4.43     NO                    NO
 L0005387         0   0.23585E-02  464485.3 3672832.6    14.3     4.76     5.12
4.43     NO                    NO
 L0005388         0   0.23585E-02  464478.9 3672841.6    14.3     4.76     5.12
4.43     NO                    NO
 L0005389         0   0.23585E-02  464472.5 3672850.5    14.3     4.76     5.12
4.43     NO                    NO
 L0005390         0   0.23585E-02  464466.1 3672859.5    14.3     4.76     5.12
4.43     NO                    NO
 L0005391         0   0.23585E-02  464459.7 3672868.4    14.3     4.76     5.12
4.43     NO                    NO
 L0005392         0   0.23585E-02  464453.3 3672877.4    14.2     4.76     5.12
4.43     NO                    NO
 L0005393         0   0.23585E-02  464446.9 3672886.3    14.2     4.76     5.12
4.43     NO                    NO
 L0005394         0   0.23585E-02  464440.5 3672895.3    14.2     4.76     5.12
4.43     NO                    NO
 L0005395         0   0.23585E-02  464434.1 3672904.2    14.3     4.76     5.12
4.43     NO                    NO
 L0005396         0   0.23585E-02  464427.7 3672913.2    14.5     4.76     5.12
4.43     NO                    NO
 L0005397         0   0.23585E-02  464421.3 3672922.1    14.6     4.76     5.12
4.43     NO                    NO
 L0005398         0   0.23585E-02  464414.9 3672931.0    14.7     4.76     5.12
4.43     NO                    NO
 L0005399         0   0.23585E-02  464408.5 3672940.0    14.7     4.76     5.12
4.43     NO                    NO
 L0005400         0   0.23585E-02  464402.2 3672949.0    14.6     4.76     5.12
4.43     NO                    NO
 L0005401         0   0.23585E-02  464395.9 3672958.0    14.5     4.76     5.12
4.43     NO                    NO
 L0005402         0   0.23585E-02  464389.6 3672967.0    14.4     4.76     5.12
4.43     NO                    NO
 L0005403         0   0.23585E-02  464383.3 3672976.1    14.3     4.76     5.12
4.43     NO                    NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005404	0	0.23585E-02	464377.0	3672985.1	14.2	4.76	5.12	4.43	NO NO
L0005405	0	0.23585E-02	464370.7	3672994.1	14.2	4.76	5.12	4.43	NO NO
L0005406	0	0.23585E-02	464364.4	3673003.1	14.3	4.76	5.12	4.43	NO NO
L0005407	0	0.23585E-02	464358.1	3673012.1	14.2	4.76	5.12	4.43	NO NO
L0005408	0	0.23585E-02	464351.8	3673021.1	13.9	4.76	5.12	4.43	NO NO
L0005409	0	0.23585E-02	464345.6	3673030.2	13.8	4.76	5.12	4.43	NO NO
L0005410	0	0.23585E-02	464339.4	3673039.3	14.0	4.76	5.12	4.43	NO NO
L0005411	0	0.23585E-02	464333.2	3673048.4	14.3	4.76	5.12	4.43	NO NO
L0005412	0	0.23585E-02	464327.0	3673057.5	14.4	4.76	5.12	4.43	NO NO
L0005413	0	0.23585E-02	464320.7	3673066.5	14.4	4.76	5.12	4.43	NO NO
L0005414	0	0.23585E-02	464314.4	3673075.5	14.5	4.76	5.12	4.43	NO NO
L0005415	0	0.23585E-02	464308.0	3673084.5	14.4	4.76	5.12	4.43	NO NO
L0005416	0	0.23585E-02	464301.7	3673093.5	14.3	4.76	5.12	4.43	NO NO
L0005417	0	0.23585E-02	464295.4	3673102.5	14.1	4.76	5.12	4.43	NO NO
L0005418	0	0.23585E-02	464289.1	3673111.5	13.9	4.76	5.12	4.43	NO NO
L0005419	0	0.23585E-02	464282.8	3673120.5	13.9	4.76	5.12	4.43	NO NO
L0005420	0	0.23585E-02	464276.4	3673129.5	14.1	4.76	5.12	4.43	NO NO
L0005421	0	0.23585E-02	464270.1	3673138.5	14.1	4.76	5.12	4.43	NO NO
L0005422	0	0.23585E-02	464263.8	3673147.5	14.1	4.76	5.12	4.43	NO NO
L0005423	0	0.23585E-02	464257.5	3673156.5	14.1	4.76	5.12	4.43	NO NO
L0005424	0	0.23585E-02	464251.2	3673165.5	14.2	4.76	5.12	4.43	NO NO
L0005425	0	0.23585E-02	464244.9	3673174.5	14.2	4.76	5.12	4.43	NO NO
L0005426	0	0.23585E-02	464238.5	3673183.5	14.2	4.76	5.12		

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4.43     NO                    NO
 L0005427         0   0.23585E-02  464232.2 3673192.5    14.3     4.76     5.12
4.43     NO                    NO
 L0005428         0   0.23585E-02  464225.9 3673201.5    14.3     4.76     5.12
4.43     NO                    NO
 L0005429         0   0.23585E-02  464219.6 3673210.6    14.2     4.76     5.12
4.43     NO                    NO
 L0005430         0   0.23585E-02  464213.3 3673219.6    14.2     4.76     5.12
4.43     NO                    NO
 L0005431         0   0.23585E-02  464207.0 3673228.6    14.3     4.76     5.12
4.43     NO                    NO
 L0005432         0   0.23585E-02  464200.6 3673237.6    14.3     4.76     5.12
4.43     NO                    NO
 L0005433         0   0.23585E-02  464194.3 3673246.6    14.2     4.76     5.12
4.43     NO                    NO
 L0005434         0   0.23585E-02  464188.0 3673255.6    14.1     4.76     5.12
4.43     NO                    NO
 L0005435         0   0.23585E-02  464181.7 3673264.6    14.0     4.76     5.12
4.43     NO                    NO
 L0005436         0   0.23585E-02  464175.4 3673273.6    14.0     4.76     5.12
4.43     NO                    NO
 L0005437         0   0.23585E-02  464169.1 3673282.6    14.1     4.76     5.12
4.43     NO                    NO
 L0005438         0   0.23585E-02  464162.7 3673291.6    14.1     4.76     5.12
4.43     NO                    NO
 L0005439         0   0.23585E-02  464156.4 3673300.6    14.2     4.76     5.12
4.43     NO                    NO
 L0005440         0   0.23585E-02  464150.1 3673309.6    14.2     4.76     5.12
4.43     NO                    NO
 L0005441         0   0.23585E-02  464143.8 3673318.6    14.3     4.76     5.12
4.43     NO                    NO
 L0005442         0   0.23585E-02  464137.5 3673327.6    14.3     4.76     5.12
4.43     NO                    NO
 L0005443         0   0.23585E-02  464131.1 3673336.6    14.1     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
L0005427	0	0.23585E-02	464232.2	3673192.5	14.3	4.76	5.12	4.43	NO	NO	NO
L0005428	0	0.23585E-02	464225.9	3673201.5	14.3	4.76	5.12	4.43	NO	NO	NO
L0005429	0	0.23585E-02	464219.6	3673210.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0005430	0	0.23585E-02	464213.3	3673219.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0005431	0	0.23585E-02	464207.0	3673228.6	14.3	4.76	5.12	4.43	NO	NO	NO
L0005432	0	0.23585E-02	464200.6	3673237.6	14.3	4.76	5.12	4.43	NO	NO	NO
L0005433	0	0.23585E-02	464194.3	3673246.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0005434	0	0.23585E-02	464188.0	3673255.6	14.1	4.76	5.12	4.43	NO	NO	NO
L0005435	0	0.23585E-02	464181.7	3673264.6	14.0	4.76	5.12	4.43	NO	NO	NO
L0005436	0	0.23585E-02	464175.4	3673273.6	14.0	4.76	5.12	4.43	NO	NO	NO
L0005437	0	0.23585E-02	464169.1	3673282.6	14.1	4.76	5.12	4.43	NO	NO	NO
L0005438	0	0.23585E-02	464162.7	3673291.6	14.1	4.76	5.12	4.43	NO	NO	NO
L0005439	0	0.23585E-02	464156.4	3673300.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0005440	0	0.23585E-02	464150.1	3673309.6	14.2	4.76	5.12	4.43	NO	NO	NO
L0005441	0	0.23585E-02	464143.8	3673318.6	14.3	4.76	5.12	4.43	NO	NO	NO
L0005442	0	0.23585E-02	464137.5	3673327.6	14.3	4.76	5.12	4.43	NO	NO	NO
L0005443	0	0.23585E-02	464131.1	3673336.6	14.1	4.76	5.12	4.43	NO	NO	NO

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0005444	0	0.23585E-02	464124.8	3673345.6	13.9	4.76	5.12	4.43	NO	NO
L0005445	0	0.23585E-02	464118.5	3673354.6	13.8	4.76	5.12	4.43	NO	NO
L0005446	0	0.23585E-02	464112.2	3673363.6	13.8	4.76	5.12	4.43	NO	NO
L0005447	0	0.23585E-02	464105.9	3673372.6	13.6	4.76	5.12	4.43	NO	NO
L0005448	0	0.23585E-02	464099.6	3673381.6	13.4	4.76	5.12	4.43	NO	NO
L0005449	0	0.23585E-02	464093.2	3673390.7	13.5	4.76	5.12	4.43	NO	NO
L0005450	0	0.23585E-02	464086.9	3673399.7	13.5	4.76	5.12	4.43	NO	NO
L0005451	0	0.23585E-02	464080.6	3673408.7	13.3	4.76	5.12	4.43	NO	NO
L0005452	0	0.23585E-02	464074.3	3673417.7	13.1	4.76	5.12	4.43	NO	NO
L0005453	0	0.23585E-02	464068.0	3673426.7	13.4	4.76	5.12	4.43	NO	NO
L0005454	0	0.23585E-02	464061.7	3673435.7	13.2	4.76	5.12	4.43	NO	NO
L0005455	0	0.23585E-02	464055.3	3673444.7	12.6	4.76	5.12	4.43	NO	NO
L0005456	0	0.23585E-02	464049.0	3673453.7	12.5	4.76	5.12	4.43	NO	NO
L0005457	0	0.23585E-02	464042.7	3673462.7	13.1	4.76	5.12	4.43	NO	NO
L0005458	0	0.23585E-02	464036.4	3673471.7	13.1	4.76	5.12	4.43	NO	NO
L0005459	0	0.23585E-02	464030.1	3673480.7	12.5	4.76	5.12	4.43	NO	NO
L0005460	0	0.23585E-02	464023.8	3673489.7	12.6	4.76	5.12	4.43	NO	NO
L0005461	0	0.23585E-02	464017.4	3673498.7	13.0	4.76	5.12	4.43	NO	NO
L0005462	0	0.23585E-02	464011.1	3673507.7	13.0	4.76	5.12	4.43	NO	NO
L0005463	0	0.23585E-02	464004.8	3673516.7	12.5	4.76	5.12	4.43	NO	NO
L0005464	0	0.23585E-02	463998.5	3673525.7	11.9	4.76	5.12	4.43	NO	NO
L0005465	0	0.23585E-02	463992.2	3673534.7	11.7	4.76	5.12	4.43	NO	NO
L0005466	0	0.23585E-02	463985.8	3673543.7	11.5	4.76	5.12			

```
4.43     NO                    NO
 L0005467         0   0.23585E-02  463979.5 3673552.7    11.3     4.76     5.12
4.43     NO                    NO
 L0005468         0   0.23585E-02  463973.2 3673561.8    10.7     4.76     5.12
4.43     NO                    NO
 L0005469         0   0.23585E-02  463966.9 3673570.8    10.3     4.76     5.12
4.43     NO                    NO
 L0005470         0   0.23585E-02  463960.6 3673579.8    10.4     4.76     5.12
4.43     NO                    NO
 L0005471         0   0.23585E-02  463954.3 3673588.8    10.4     4.76     5.12
4.43     NO                    NO
 L0005472         0   0.23585E-02  463947.9 3673597.8    10.3     4.76     5.12
4.43     NO                    NO
 L0005473         0   0.23585E-02  463941.6 3673606.8     9.7     4.76     5.12
4.43     NO                    NO
 L0005474         0   0.23585E-02  463935.7 3673616.0     9.3     4.76     5.12
4.43     NO                    NO
 L0005475         0   0.23585E-02  463930.2 3673625.5     9.2     4.76     5.12
4.43     NO                    NO
 L0005476         0   0.23585E-02  463924.6 3673635.0     9.4     4.76     5.12
4.43     NO                    NO
 L0005477         0   0.23585E-02  463919.0 3673644.5     9.2     4.76     5.12
4.43     NO                    NO
 L0005478         0   0.23585E-02  463913.5 3673654.0     9.1     4.76     5.12
4.43     NO                    NO
 L0005479         0   0.23585E-02  463908.3 3673663.7     9.1     4.76     5.12
4.43     NO                    NO
 L0005480         0   0.23585E-02  463903.0 3673673.4     9.4     4.76     5.12
4.43     NO                    NO
 L0005481         0   0.23585E-02  463897.7 3673683.0     9.0     4.76     5.12
4.43     NO                    NO
 L0005482         0   0.23585E-02  463892.5 3673692.7     8.8     4.76     5.12
4.43     NO                    NO
 L0005483         0   0.23585E-02  463887.2 3673702.3     8.7     4.76     5.12
4.43     NO                    NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

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               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0005484	0	0.23585E-02	463882.0	3673712.0	8.8	4.76	5.12	4.43	NO	NO
L0005485	0	0.23585E-02	463877.9	3673722.2	8.8	4.76	5.12	4.43	NO	NO
L0005486	0	0.23585E-02	463873.9	3673732.5	8.9	4.76	5.12	4.43	NO	NO
L0005487	0	0.23585E-02	463869.9	3673742.7	8.7	4.76	5.12	4.43	NO	NO
L0005488	0	0.23585E-02	463866.0	3673753.0	8.6	4.76	5.12	4.43	NO	NO
L0005489	0	0.23585E-02	463862.0	3673763.2	8.4	4.76	5.12	4.43	NO	NO
L0005490	0	0.23585E-02	463858.0	3673773.5	8.3	4.76	5.12	4.43	NO	NO
L0005491	0	0.23585E-02	463854.0	3673783.7	8.2	4.76	5.12	4.43	NO	NO
L0005492	0	0.23585E-02	463850.5	3673794.2	8.1	4.76	5.12	4.43	NO	NO
L0005493	0	0.23585E-02	463846.9	3673804.6	8.0	4.76	5.12	4.43	NO	NO
L0005494	0	0.23585E-02	463843.4	3673815.0	8.0	4.76	5.12	4.43	NO	NO
L0005495	0	0.23585E-02	463839.9	3673825.4	7.3	4.76	5.12	4.43	NO	NO
L0005496	0	0.23585E-02	463836.3	3673835.8	6.2	4.76	5.12	4.43	NO	NO
L0005497	0	0.23585E-02	463832.8	3673846.2	5.0	4.76	5.12	4.43	NO	NO
L0005498	0	0.23585E-02	463829.8	3673856.8	4.0	4.76	5.12	4.43	NO	NO
L0005499	0	0.23585E-02	463827.7	3673867.6	3.2	4.76	5.12	4.43	NO	NO
L0005500	0	0.23585E-02	463825.6	3673878.4	2.4	4.76	5.12	4.43	NO	NO
L0005501	0	0.23585E-02	463823.4	3673889.2	2.1	4.76	5.12	4.43	NO	NO
L0005502	0	0.23585E-02	463821.3	3673900.0	1.9	4.76	5.12	4.43	NO	NO
L0005503	0	0.23585E-02	463819.2	3673910.8	1.7	4.76	5.12	4.43	NO	NO
L0005504	0	0.23585E-02	463817.1	3673921.6	1.6	4.76	5.12	4.43	NO	NO
L0005505	0	0.23585E-02	463814.9	3673932.3	1.6	4.76	5.12	4.43	NO	NO
L0005506	0	0.23585E-02	463812.8	3673943.1	1.7	4.76	5.12			

4.43   NO   NO
 L0005507   0   0.23585E-02 463810.7 3673953.9   1.7   4.76   5.12
4.43   NO   NO
 L0005508   0   0.23585E-02 463808.6 3673964.7   1.9   4.76   5.12
4.43   NO   NO
 L0005509   0   0.23585E-02 463806.4 3673975.5   2.0   4.76   5.12
4.43   NO   NO
 L0005510   0   0.23585E-02 463804.3 3673986.3   2.1   4.76   5.12
4.43   NO   NO
 L0005511   0   0.23585E-02 463802.2 3673997.1   2.2   4.76   5.12
4.43   NO   NO
 L0005512   0   0.23585E-02 463800.1 3674007.9   2.2   4.76   5.12
4.43   NO   NO
 L0005513   0   0.23585E-02 463797.9 3674018.7   2.1   4.76   5.12
4.43   NO   NO
 L0005514   0   0.23585E-02 463795.8 3674029.5   1.9   4.76   5.12
4.43   NO   NO
 L0005515   0   0.23585E-02 463793.7 3674040.3   1.9   4.76   5.12
4.43   NO   NO
 L0005516   0   0.23585E-02 463791.6 3674051.1   2.2   4.76   5.12
4.43   NO   NO
 L0005517   0   0.23585E-02 463789.4 3674061.9   2.5   4.76   5.12
4.43   NO   NO
 L0005518   0   0.23585E-02 463787.3 3674072.7   3.0   4.76   5.12
4.43   NO   NO
 L0005519   0   0.23585E-02 463785.2 3674083.4   3.6   4.76   5.12
4.43   NO   NO
 L0005520   0   0.23585E-02 463783.0 3674094.2   4.2   4.76   5.12
4.43   NO   NO
 L0005521   0   0.23585E-02 463780.7 3674105.0   4.7   4.76   5.12
4.43   NO   NO
 L0005522   0   0.23585E-02 463778.3 3674115.7   5.4   4.76   5.12
4.43   NO   NO
 L0005523   0   0.23585E-02 463776.0 3674126.5   6.2   4.76   5.12
4.43   NO   NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005524	0	0.23585E-02	463773.6	3674137.2	7.0	4.76	5.12	4.43	NO NO
L0005525	0	0.23585E-02	463771.2	3674148.0	7.9	4.76	5.12	4.43	NO NO
L0005526	0	0.23585E-02	463768.9	3674158.7	8.7	4.76	5.12	4.43	NO NO
L0005527	0	0.23585E-02	463766.5	3674169.4	7.2	4.76	5.12	4.43	NO NO
L0005528	0	0.23585E-02	463764.2	3674180.2	5.9	4.76	5.12	4.43	NO NO
L0005529	0	0.23585E-02	463761.8	3674190.9	5.1	4.76	5.12	4.43	NO NO
L0005530	0	0.23585E-02	463759.4	3674201.7	5.0	4.76	5.12	4.43	NO NO
L0005531	0	0.23585E-02	463757.1	3674212.4	4.9	4.76	5.12	4.43	NO NO
L0005532	0	0.23585E-02	463754.7	3674223.2	5.3	4.76	5.12	4.43	NO NO
L0005533	0	0.23585E-02	463752.4	3674233.9	6.4	4.76	5.12	4.43	NO NO
L0005534	0	0.23585E-02	463750.0	3674244.6	7.8	4.76	5.12	4.43	NO NO
L0005535	0	0.23585E-02	463747.6	3674255.4	8.9	4.76	5.12	4.43	NO NO
L0005536	0	0.23585E-02	463745.3	3674266.1	9.5	4.76	5.12	4.43	NO NO
L0005537	0	0.23585E-02	463743.0	3674276.9	9.9	4.76	5.12	4.43	NO NO
L0005538	0	0.23585E-02	463740.7	3674287.7	9.8	4.76	5.12	4.43	NO NO
L0005539	0	0.23585E-02	463738.4	3674298.4	9.7	4.76	5.12	4.43	NO NO
L0005540	0	0.23585E-02	463736.1	3674309.2	9.8	4.76	5.12	4.43	NO NO
L0005541	0	0.23585E-02	463733.8	3674319.9	11.2	4.76	5.12	4.43	NO NO
L0005542	0	0.23585E-02	463731.5	3674330.7	12.9	4.76	5.12	4.43	NO NO
L0005543	0	0.23585E-02	463729.3	3674341.5	14.4	4.76	5.12	4.43	NO NO
L0005544	0	0.23585E-02	463727.0	3674352.2	14.0	4.76	5.12	4.43	NO NO
L0005545	0	0.23585E-02	463724.7	3674363.0	13.0	4.76	5.12	4.43	NO NO
L0005546	0	0.23585E-02	463722.4	3674373.7	11.8	4.76	5.12		

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4.43     NO                    NO
 L0005547         0   0.23585E-02  463720.1 3674384.5    11.6     4.76     5.12
4.43     NO                    NO
 L0005548         0   0.23585E-02  463717.8 3674395.2    11.4     4.76     5.12
4.43     NO                    NO
 L0005549         0   0.23585E-02  463715.5 3674406.0    12.0     4.76     5.12
4.43     NO                    NO
 L0005550         0   0.23585E-02  463713.2 3674416.8    12.4     4.76     5.12
4.43     NO                    NO
 L0005551         0   0.23585E-02  463710.9 3674427.5    13.1     4.76     5.12
4.43     NO                    NO
 L0005552         0   0.23585E-02  463708.7 3674438.3    14.2     4.76     5.12
4.43     NO                    NO
 L0005553         0   0.23585E-02  463706.4 3674449.0    15.2     4.76     5.12
4.43     NO                    NO
 L0005554         0   0.23585E-02  463704.1 3674459.8    15.6     4.76     5.12
4.43     NO                    NO
 L0005555         0   0.23585E-02  463701.8 3674470.6    15.0     4.76     5.12
4.43     NO                    NO
 L0005556         0   0.23585E-02  463699.5 3674481.3    14.0     4.76     5.12
4.43     NO                    NO
 L0005557         0   0.23585E-02  463697.2 3674492.1    13.1     4.76     5.12
4.43     NO                    NO
 L0005558         0   0.23585E-02  463694.9 3674502.8    12.8     4.76     5.12
4.43     NO                    NO
 L0005559         0   0.23585E-02  463692.6 3674513.6    12.9     4.76     5.12
4.43     NO                    NO
 L0005560         0   0.23585E-02  463690.4 3674524.4    13.2     4.76     5.12
4.43     NO                    NO
 L0005561         0   0.23585E-02  463688.1 3674535.1    13.4     4.76     5.12
4.43     NO                    NO
 L0005562         0   0.23585E-02  463685.8 3674545.9    13.7     4.76     5.12
4.43     NO                    NO
 L0005563         0   0.23585E-02  463683.5 3674556.6    13.9     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0005564	0	0.23585E-02	463681.2	3674567.4	14.1	4.76	5.12	4.43	NO	NO
L0005565	0	0.23585E-02	463678.9	3674578.2	14.2	4.76	5.12	4.43	NO	NO
L0005566	0	0.23585E-02	463676.6	3674588.9	14.1	4.76	5.12	4.43	NO	NO
L0005567	0	0.23585E-02	463674.3	3674599.7	14.2	4.76	5.12	4.43	NO	NO
L0005568	0	0.23585E-02	463672.1	3674610.4	14.2	4.76	5.12	4.43	NO	NO
L0005569	0	0.23585E-02	463669.8	3674621.2	14.2	4.76	5.12	4.43	NO	NO
L0005570	0	0.23585E-02	463667.5	3674632.0	14.3	4.76	5.12	4.43	NO	NO
L0005571	0	0.23585E-02	463665.2	3674642.7	14.4	4.76	5.12	4.43	NO	NO
L0005572	0	0.23585E-02	463662.9	3674653.5	14.5	4.76	5.12	4.43	NO	NO
L0005573	0	0.23585E-02	463660.6	3674664.2	14.5	4.76	5.12	4.43	NO	NO
L0005574	0	0.23585E-02	463658.3	3674675.0	14.5	4.76	5.12	4.43	NO	NO
L0005575	0	0.23585E-02	463656.0	3674685.8	14.8	4.76	5.12	4.43	NO	NO
L0005576	0	0.23585E-02	463653.7	3674696.5	15.0	4.76	5.12	4.43	NO	NO
L0005577	0	0.23585E-02	463651.5	3674707.3	15.1	4.76	5.12	4.43	NO	NO
L0005578	0	0.23585E-02	463649.2	3674718.0	15.3	4.76	5.12	4.43	NO	NO
L0005579	0	0.23585E-02	463646.9	3674728.8	15.5	4.76	5.12	4.43	NO	NO
L0005580	0	0.23585E-02	463644.6	3674739.6	15.7	4.76	5.12	4.43	NO	NO
L0005581	0	0.23585E-02	463642.3	3674750.3	15.8	4.76	5.12	4.43	NO	NO
L0005582	0	0.23585E-02	463640.0	3674761.1	15.8	4.76	5.12	4.43	NO	NO
L0005583	0	0.23585E-02	463637.7	3674771.8	15.8	4.76	5.12	4.43	NO	NO
L0005584	0	0.23585E-02	463635.4	3674782.6	15.7	4.76	5.12	4.43	NO	NO
L0005585	0	0.23585E-02	463633.2	3674793.3	15.5	4.76	5.12	4.43	NO	NO
L0005586	0	0.23585E-02	463630.9	3674804.1	15.4	4.76	5.12			

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4.43     NO                    NO
 L0005587         0   0.23585E-02  463628.6 3674814.9    15.6     4.76     5.12
4.43     NO                    NO
 L0005588         0   0.23585E-02  463626.3 3674825.6    15.7     4.76     5.12
4.43     NO                    NO
 L0005589         0   0.23585E-02  463624.0 3674836.4    15.8     4.76     5.12
4.43     NO                    NO
 L0005590         0   0.23585E-02  463621.7 3674847.1    16.2     4.76     5.12
4.43     NO                    NO
 L0005591         0   0.23585E-02  463619.4 3674857.9    16.5     4.76     5.12
4.43     NO                    NO
 L0005592         0   0.23585E-02  463617.1 3674868.7    16.8     4.76     5.12
4.43     NO                    NO
 L0005593         0   0.23585E-02  463614.9 3674879.4    16.7     4.76     5.12
4.43     NO                    NO
 L0005594         0   0.23585E-02  463612.6 3674890.2    16.6     4.76     5.12
4.43     NO                    NO
 L0005595         0   0.23585E-02  463610.3 3674900.9    16.6     4.76     5.12
4.43     NO                    NO
 L0005596         0   0.23585E-02  463608.0 3674911.7    16.4     4.76     5.12
4.43     NO                    NO
 L0005597         0   0.23585E-02  463605.7 3674922.5    16.2     4.76     5.12
4.43     NO                    NO
 L0005598         0   0.23585E-02  463603.4 3674933.2    16.2     4.76     5.12
4.43     NO                    NO
 L0005599         0   0.23585E-02  463601.1 3674944.0    16.4     4.76     5.12
4.43     NO                    NO
 L0005600         0   0.23585E-02  463598.8 3674954.7    16.6     4.76     5.12
4.43     NO                    NO
 L0005601         0   0.23585E-02  463596.5 3674965.5    16.8     4.76     5.12
4.43     NO                    NO
 L0005602         0   0.23585E-02  463594.3 3674976.3    17.1     4.76     5.12
4.43     NO                    NO
 L0005603         0   0.23585E-02  463592.0 3674987.0    17.4     4.76     5.12
4.43     NO                    NO
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY	
L0005604	0	0.23585E-02	463589.7	3674997.8	17.4	4.76	5.12	4.43	NO	NO
L0005605	0	0.23585E-02	463587.4	3675008.5	17.3	4.76	5.12	4.43	NO	NO
L0005606	0	0.23585E-02	465781.6	3670987.5	7.2	4.76	5.12	4.43	NO	NO
L0005607	0	0.23585E-02	465775.4	3670996.5	6.8	4.76	5.12	4.43	NO	NO
L0005608	0	0.23585E-02	465769.1	3671005.6	6.4	4.76	5.12	4.43	NO	NO
L0005609	0	0.23585E-02	465762.8	3671014.6	6.0	4.76	5.12	4.43	NO	NO
L0005610	0	0.23585E-02	465756.6	3671023.7	6.2	4.76	5.12	4.43	NO	NO
L0005611	0	0.23585E-02	465750.3	3671032.7	7.1	4.76	5.12	4.43	NO	NO
L0005612	0	0.23585E-02	465744.1	3671041.8	6.7	4.76	5.12	4.43	NO	NO
L0005613	0	0.23585E-02	465737.8	3671050.8	5.8	4.76	5.12	4.43	NO	NO
L0005614	0	0.23585E-02	465731.5	3671059.9	5.9	4.76	5.12	4.43	NO	NO
L0005615	0	0.23585E-02	465725.3	3671068.9	7.2	4.76	5.12	4.43	NO	NO
L0005616	0	0.23585E-02	465719.0	3671077.9	5.5	4.76	5.12	4.43	NO	NO
L0005617	0	0.23585E-02	465712.8	3671087.0	3.8	4.76	5.12	4.43	NO	NO
L0005618	0	0.23585E-02	465706.5	3671096.0	2.8	4.76	5.12	4.43	NO	NO
L0005619	0	0.23585E-02	465700.3	3671105.1	2.5	4.76	5.12	4.43	NO	NO
L0005620	0	0.23585E-02	465694.0	3671114.1	2.5	4.76	5.12	4.43	NO	NO
L0005621	0	0.23585E-02	465687.7	3671123.1	2.6	4.76	5.12	4.43	NO	NO
L0005622	0	0.23585E-02	465681.3	3671132.1	2.6	4.76	5.12	4.43	NO	NO
L0005623	0	0.23585E-02	465675.0	3671141.1	3.2	4.76	5.12	4.43	NO	NO
L0005624	0	0.23585E-02	465668.6	3671150.1	4.3	4.76	5.12	4.43	NO	NO
L0005625	0	0.23585E-02	465662.3	3671159.1	5.5	4.76	5.12	4.43	NO	NO
L0005626	0	0.23585E-02	465655.9	3671168.0	6.3	4.76	5.12			

4.43 NO NO
L0005627 0 0.23585E-02 465649.6 3671177.0 6.6 4.76 5.12
4.43 NO NO
L0005628 0 0.23585E-02 465643.2 3671186.0 6.3 4.76 5.12
4.43 NO NO
L0005629 0 0.23585E-02 465636.8 3671195.0 6.0 4.76 5.12
4.43 NO NO
L0005630 0 0.23585E-02 465630.5 3671203.9 6.1 4.76 5.12
4.43 NO NO
L0005631 0 0.23585E-02 465624.1 3671212.9 6.8 4.76 5.12
4.43 NO NO
L0005632 0 0.23585E-02 465617.8 3671221.9 7.5 4.76 5.12
4.43 NO NO
L0005633 0 0.23585E-02 465611.4 3671230.9 7.8 4.76 5.12
4.43 NO NO
L0005634 0 0.23585E-02 465605.1 3671239.9 8.0 4.76 5.12
4.43 NO NO
L0005635 0 0.23585E-02 465598.7 3671248.8 8.4 4.76 5.12
4.43 NO NO
L0005636 0 0.23585E-02 465592.4 3671257.8 8.7 4.76 5.12
4.43 NO NO
L0005637 0 0.23585E-02 465586.0 3671266.8 8.9 4.76 5.12
4.43 NO NO
L0005638 0 0.23585E-02 465579.7 3671275.8 9.0 4.76 5.12
4.43 NO NO
L0005639 0 0.23585E-02 465573.3 3671284.8 9.1 4.76 5.12
4.43 NO NO
L0005640 0 0.23585E-02 465567.0 3671293.7 9.3 4.76 5.12
4.43 NO NO
L0005641 0 0.23585E-02 465560.6 3671302.7 9.6 4.76 5.12
4.43 NO NO
L0005642 0 0.23585E-02 465554.3 3671311.7 9.6 4.76 5.12
4.43 NO NO
L0005643 0 0.23585E-02 465547.9 3671320.7 9.7 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY	
L0005644	0	0.23585E-02	465541.6	3671329.7	10.3	4.76	5.12	4.43	NO	NO
L0005645	0	0.23585E-02	465535.3	3671338.7	10.4	4.76	5.12	4.43	NO	NO
L0005646	0	0.23585E-02	465528.9	3671347.7	10.2	4.76	5.12	4.43	NO	NO
L0005647	0	0.23585E-02	465522.6	3671356.7	10.2	4.76	5.12	4.43	NO	NO
L0005648	0	0.23585E-02	465516.2	3671365.7	10.5	4.76	5.12	4.43	NO	NO
L0005649	0	0.23585E-02	465509.9	3671374.6	10.5	4.76	5.12	4.43	NO	NO
L0005650	0	0.23585E-02	465503.6	3671383.6	10.1	4.76	5.12	4.43	NO	NO
L0005651	0	0.23585E-02	465497.2	3671392.6	9.9	4.76	5.12	4.43	NO	NO
L0005652	0	0.23585E-02	465490.9	3671401.6	10.1	4.76	5.12	4.43	NO	NO
L0005653	0	0.23585E-02	465484.5	3671410.6	10.9	4.76	5.12	4.43	NO	NO
L0005654	0	0.23585E-02	465478.2	3671419.6	11.4	4.76	5.12	4.43	NO	NO
L0005655	0	0.23585E-02	465471.9	3671428.6	11.5	4.76	5.12	4.43	NO	NO
L0005656	0	0.23585E-02	465465.5	3671437.6	11.3	4.76	5.12	4.43	NO	NO
L0005657	0	0.23585E-02	465459.2	3671446.6	11.5	4.76	5.12	4.43	NO	NO
L0005658	0	0.23585E-02	465452.8	3671455.5	11.7	4.76	5.12	4.43	NO	NO
L0005659	0	0.23585E-02	465446.5	3671464.5	11.7	4.76	5.12	4.43	NO	NO
L0005660	0	0.23585E-02	465440.1	3671473.5	11.6	4.76	5.12	4.43	NO	NO
L0005661	0	0.23585E-02	465433.8	3671482.5	11.8	4.76	5.12	4.43	NO	NO
L0005662	0	0.23585E-02	465427.5	3671491.5	11.9	4.76	5.12	4.43	NO	NO
L0005663	0	0.23585E-02	465421.1	3671500.5	12.0	4.76	5.12	4.43	NO	NO
L0005664	0	0.23585E-02	465414.8	3671509.5	12.0	4.76	5.12	4.43	NO	NO
L0005665	0	0.23585E-02	465408.4	3671518.4	12.1	4.76	5.12	4.43	NO	NO
L0005666	0	0.23585E-02	465402.1	3671527.4	12.1	4.76	5.12			

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4.43     NO                    NO
 L0005667         0   0.23585E-02  465395.7 3671536.4    12.0     4.76     5.12
4.43     NO                    NO
 L0005668         0   0.23585E-02  465389.4 3671545.4    12.2     4.76     5.12
4.43     NO                    NO
 L0005669         0   0.23585E-02  465383.0 3671554.4    12.5     4.76     5.12
4.43     NO                    NO
 L0005670         0   0.23585E-02  465376.7 3671563.4    12.7     4.76     5.12
4.43     NO                    NO
 L0005671         0   0.23585E-02  465370.3 3671572.3    12.8     4.76     5.12
4.43     NO                    NO
 L0005672         0   0.23585E-02  465364.0 3671581.3    12.8     4.76     5.12
4.43     NO                    NO
 L0005673         0   0.23585E-02  465357.7 3671590.4    12.7     4.76     5.12
4.43     NO                    NO
 L0005674         0   0.23585E-02  465351.4 3671599.4    12.6     4.76     5.12
4.43     NO                    NO
 L0005675         0   0.23585E-02  465345.1 3671608.4    12.7     4.76     5.12
4.43     NO                    NO
 L0005676         0   0.23585E-02  465338.8 3671617.4    12.8     4.76     5.12
4.43     NO                    NO
 L0005677         0   0.23585E-02  465332.5 3671626.5    12.9     4.76     5.12
4.43     NO                    NO
 L0005678         0   0.23585E-02  465326.3 3671635.5    12.8     4.76     5.12
4.43     NO                    NO
 L0005679         0   0.23585E-02  465320.0 3671644.5    12.9     4.76     5.12
4.43     NO                    NO
 L0005680         0   0.23585E-02  465313.7 3671653.5    13.2     4.76     5.12
4.43     NO                    NO
 L0005681         0   0.23585E-02  465307.4 3671662.5    13.1     4.76     5.12
4.43     NO                    NO
 L0005682         0   0.23585E-02  465301.1 3671671.6    12.9     4.76     5.12
4.43     NO                    NO
 L0005683         0   0.23585E-02  465294.8 3671680.6    13.0     4.76     5.12
4.43     NO                    NO
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		
		BY								
L0005684	0	0.23585E-02	465288.5	3671689.6	13.3	4.76	5.12	4.43	NO	NO
L0005685	0	0.23585E-02	465282.2	3671698.6	13.2	4.76	5.12	4.43	NO	NO
L0005686	0	0.23585E-02	465275.9	3671707.7	13.2	4.76	5.12	4.43	NO	NO
L0005687	0	0.23585E-02	465269.6	3671716.7	13.0	4.76	5.12	4.43	NO	NO
L0005688	0	0.23585E-02	465263.3	3671725.7	13.0	4.76	5.12	4.43	NO	NO
L0005689	0	0.23585E-02	465257.0	3671734.7	13.0	4.76	5.12	4.43	NO	NO
L0005690	0	0.23585E-02	465250.8	3671743.8	13.0	4.76	5.12	4.43	NO	NO
L0005691	0	0.23585E-02	465244.5	3671752.8	13.1	4.76	5.12	4.43	NO	NO
L0005692	0	0.23585E-02	465238.2	3671761.8	13.2	4.76	5.12	4.43	NO	NO
L0005693	0	0.23585E-02	465231.9	3671770.8	13.1	4.76	5.12	4.43	NO	NO
L0005694	0	0.23585E-02	465225.6	3671779.9	13.2	4.76	5.12	4.43	NO	NO
L0005695	0	0.23585E-02	465219.3	3671788.9	13.2	4.76	5.12	4.43	NO	NO
L0005696	0	0.23585E-02	465213.0	3671797.9	13.2	4.76	5.12	4.43	NO	NO
L0005697	0	0.23585E-02	465206.7	3671806.9	13.1	4.76	5.12	4.43	NO	NO
L0005698	0	0.23585E-02	465200.4	3671816.0	13.0	4.76	5.12	4.43	NO	NO
L0005699	0	0.23585E-02	465194.1	3671825.0	12.9	4.76	5.12	4.43	NO	NO
L0005700	0	0.23585E-02	465187.9	3671834.0	13.0	4.76	5.12	4.43	NO	NO
L0005701	0	0.23585E-02	465181.6	3671843.0	13.0	4.76	5.12	4.43	NO	NO
L0005702	0	0.23585E-02	465175.2	3671852.0	12.5	4.76	5.12	4.43	NO	NO
L0005703	0	0.23585E-02	465168.9	3671861.0	12.5	4.76	5.12	4.43	NO	NO
L0005704	0	0.23585E-02	465162.6	3671870.0	12.9	4.76	5.12	4.43	NO	NO
L0005705	0	0.23585E-02	465156.3	3671879.0	13.0	4.76	5.12	4.43	NO	NO
L0005706	0	0.23585E-02	465150.0	3671888.0	12.6	4.76	5.12			

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4.43     NO                    NO
 L0005707         0   0.23585E-02  465143.6 3671897.0    12.6     4.76     5.12
4.43     NO                    NO
 L0005708         0   0.23585E-02  465137.3 3671906.0    12.9     4.76     5.12
4.43     NO                    NO
 L0005709         0   0.23585E-02  465131.0 3671915.1    12.8     4.76     5.12
4.43     NO                    NO
 L0005710         0   0.23585E-02  465124.7 3671924.1    12.5     4.76     5.12
4.43     NO                    NO
 L0005711         0   0.23585E-02  465118.4 3671933.1    12.5     4.76     5.12
4.43     NO                    NO
 L0005712         0   0.23585E-02  465112.0 3671942.1    12.5     4.76     5.12
4.43     NO                    NO
 L0005713         0   0.23585E-02  465105.7 3671951.1    12.4     4.76     5.12
4.43     NO                    NO
 L0005714         0   0.23585E-02  465099.4 3671960.1    12.3     4.76     5.12
4.43     NO                    NO
 L0005715         0   0.23585E-02  465093.0 3671969.0    12.3     4.76     5.12
4.43     NO                    NO
 L0005716         0   0.23585E-02  465086.7 3671978.0    12.3     4.76     5.12
4.43     NO                    NO
 L0005717         0   0.23585E-02  465080.4 3671987.0    12.5     4.76     5.12
4.43     NO                    NO
 L0005718         0   0.23585E-02  465074.0 3671996.0    12.6     4.76     5.12
4.43     NO                    NO
 L0005719         0   0.23585E-02  465067.7 3672005.0    12.4     4.76     5.12
4.43     NO                    NO
 L0005720         0   0.23585E-02  465061.3 3672014.0    12.5     4.76     5.12
4.43     NO                    NO
 L0005721         0   0.23585E-02  465055.0 3672022.9    12.9     4.76     5.12
4.43     NO                    NO
 L0005722         0   0.23585E-02  465048.6 3672031.9    12.6     4.76     5.12
4.43     NO                    NO
 L0005723         0   0.23585E-02  465042.3 3672040.9    12.3     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT
L0005707	0	0.23585E-02	465143.6	3671897.0	12.6	4.76	5.12	4.43	NO	NO	NO
L0005708	0	0.23585E-02	465137.3	3671906.0	12.9	4.76	5.12	4.43	NO	NO	NO
L0005709	0	0.23585E-02	465131.0	3671915.1	12.8	4.76	5.12	4.43	NO	NO	NO
L0005710	0	0.23585E-02	465124.7	3671924.1	12.5	4.76	5.12	4.43	NO	NO	NO
L0005711	0	0.23585E-02	465118.4	3671933.1	12.5	4.76	5.12	4.43	NO	NO	NO
L0005712	0	0.23585E-02	465112.0	3671942.1	12.5	4.76	5.12	4.43	NO	NO	NO
L0005713	0	0.23585E-02	465105.7	3671951.1	12.4	4.76	5.12	4.43	NO	NO	NO
L0005714	0	0.23585E-02	465099.4	3671960.1	12.3	4.76	5.12	4.43	NO	NO	NO
L0005715	0	0.23585E-02	465093.0	3671969.0	12.3	4.76	5.12	4.43	NO	NO	NO
L0005716	0	0.23585E-02	465086.7	3671978.0	12.3	4.76	5.12	4.43	NO	NO	NO
L0005717	0	0.23585E-02	465080.4	3671987.0	12.5	4.76	5.12	4.43	NO	NO	NO
L0005718	0	0.23585E-02	465074.0	3671996.0	12.6	4.76	5.12	4.43	NO	NO	NO
L0005719	0	0.23585E-02	465067.7	3672005.0	12.4	4.76	5.12	4.43	NO	NO	NO
L0005720	0	0.23585E-02	465061.3	3672014.0	12.5	4.76	5.12	4.43	NO	NO	NO
L0005721	0	0.23585E-02	465055.0	3672022.9	12.9	4.76	5.12	4.43	NO	NO	NO
L0005722	0	0.23585E-02	465048.6	3672031.9	12.6	4.76	5.12	4.43	NO	NO	NO
L0005723	0	0.23585E-02	465042.3	3672040.9	12.3	4.76	5.12	4.43	NO	NO	NO

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005724	0	0.23585E-02	465035.9	3672049.9	12.5	4.76	5.12	4.43	NO	NO
L0005725	0	0.23585E-02	465029.6	3672058.9	13.0	4.76	5.12	4.43	NO	NO
L0005726	0	0.23585E-02	465023.2	3672067.9	12.7	4.76	5.12	4.43	NO	NO
L0005727	0	0.23585E-02	465016.9	3672076.8	12.7	4.76	5.12	4.43	NO	NO
L0005728	0	0.23585E-02	465010.5	3672085.8	12.9	4.76	5.12	4.43	NO	NO
L0005729	0	0.23585E-02	465004.2	3672094.8	13.2	4.76	5.12	4.43	NO	NO
L0005730	0	0.23585E-02	464997.8	3672103.8	13.0	4.76	5.12	4.43	NO	NO
L0005731	0	0.23585E-02	464991.5	3672112.8	12.8	4.76	5.12	4.43	NO	NO
L0005732	0	0.23585E-02	464985.1	3672121.8	12.7	4.76	5.12	4.43	NO	NO
L0005733	0	0.23585E-02	464978.8	3672130.8	12.5	4.76	5.12	4.43	NO	NO
L0005734	0	0.23585E-02	464972.4	3672139.7	12.5	4.76	5.12	4.43	NO	NO
L0005735	0	0.23585E-02	464966.1	3672148.7	12.4	4.76	5.12	4.43	NO	NO
L0005736	0	0.23585E-02	464959.7	3672157.7	12.5	4.76	5.12	4.43	NO	NO
L0005737	0	0.23585E-02	464953.4	3672166.7	12.6	4.76	5.12	4.43	NO	NO
L0005738	0	0.23585E-02	464947.1	3672175.7	12.6	4.76	5.12	4.43	NO	NO
L0005739	0	0.23585E-02	464940.7	3672184.7	12.6	4.76	5.12	4.43	NO	NO
L0005740	0	0.23585E-02	464934.4	3672193.6	12.7	4.76	5.12	4.43	NO	NO
L0005741	0	0.23585E-02	464928.0	3672202.6	12.9	4.76	5.12	4.43	NO	NO
L0005742	0	0.23585E-02	464921.7	3672211.6	13.0	4.76	5.12	4.43	NO	NO
L0005743	0	0.23585E-02	464915.3	3672220.6	12.9	4.76	5.12	4.43	NO	NO
L0005744	0	0.23585E-02	464909.0	3672229.6	12.9	4.76	5.12	4.43	NO	NO
L0005745	0	0.23585E-02	464902.6	3672238.6	13.4	4.76	5.12	4.43	NO	NO
L0005746	0	0.23585E-02	464896.3	3672247.5	13.4	4.76	5.12			

```
4.43     NO                    NO
 L0005747         0   0.23585E-02  464889.9 3672256.5    13.2     4.76     5.12
4.43     NO                    NO
 L0005748         0   0.23585E-02  464883.6 3672265.5    13.3     4.76     5.12
4.43     NO                    NO
 L0005749         0   0.23585E-02  464877.2 3672274.5    13.6     4.76     5.12
4.43     NO                    NO
 L0005750         0   0.23585E-02  464870.9 3672283.5    13.6     4.76     5.12
4.43     NO                    NO
 L0005751         0   0.23585E-02  464864.5 3672292.5    13.5     4.76     5.12
4.43     NO                    NO
 L0005752         0   0.23585E-02  464858.2 3672301.4    13.7     4.76     5.12
4.43     NO                    NO
 L0005753         0   0.23585E-02  464851.8 3672310.4    13.8     4.76     5.12
4.43     NO                    NO
 L0005754         0   0.23585E-02  464845.5 3672319.4    13.6     4.76     5.12
4.43     NO                    NO
 L0005755         0   0.23585E-02  464839.1 3672328.4    13.4     4.76     5.12
4.43     NO                    NO
 L0005756         0   0.23585E-02  464832.8 3672337.4    13.2     4.76     5.12
4.43     NO                    NO
 L0005757         0   0.23585E-02  464826.4 3672346.4    13.2     4.76     5.12
4.43     NO                    NO
 L0005758         0   0.23585E-02  464820.1 3672355.3    13.1     4.76     5.12
4.43     NO                    NO
 L0005759         0   0.23585E-02  464813.8 3672364.3    13.1     4.76     5.12
4.43     NO                    NO
 L0005760         0   0.23585E-02  464807.4 3672373.3    13.3     4.76     5.12
4.43     NO                    NO
 L0005761         0   0.23585E-02  464801.1 3672382.3    13.5     4.76     5.12
4.43     NO                    NO
 L0005762         0   0.23585E-02  464794.7 3672391.3    13.6     4.76     5.12
4.43     NO                    NO
 L0005763         0   0.23585E-02  464788.4 3672400.3    13.6     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	AIRCRAFT SCALAR VARY

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005764	0	0.23585E-02	464782.0	3672409.2	13.6	4.76	5.12	4.43	NO NO
L0005765	0	0.23585E-02	464775.7	3672418.2	13.8	4.76	5.12	4.43	NO NO
L0005766	0	0.23585E-02	464769.3	3672427.2	14.1	4.76	5.12	4.43	NO NO
L0005767	0	0.23585E-02	464763.0	3672436.2	14.0	4.76	5.12	4.43	NO NO
L0005768	0	0.23585E-02	464756.6	3672445.2	14.0	4.76	5.12	4.43	NO NO
L0005769	0	0.23585E-02	464750.3	3672454.2	14.1	4.76	5.12	4.43	NO NO
L0005770	0	0.23585E-02	464743.9	3672463.1	14.1	4.76	5.12	4.43	NO NO
L0005771	0	0.23585E-02	464737.6	3672472.1	14.1	4.76	5.12	4.43	NO NO
L0005772	0	0.23585E-02	464731.2	3672481.1	14.1	4.76	5.12	4.43	NO NO
L0005773	0	0.23585E-02	464724.9	3672490.1	14.3	4.76	5.12	4.43	NO NO
L0005774	0	0.23585E-02	464718.5	3672499.1	14.3	4.76	5.12	4.43	NO NO
L0005775	0	0.23585E-02	464712.2	3672508.1	14.2	4.76	5.12	4.43	NO NO
L0005776	0	0.23585E-02	464705.8	3672517.1	14.1	4.76	5.12	4.43	NO NO
L0005777	0	0.23585E-02	464699.5	3672526.0	14.0	4.76	5.12	4.43	NO NO
L0005778	0	0.23585E-02	464693.1	3672535.0	14.0	4.76	5.12	4.43	NO NO
L0005779	0	0.23585E-02	464686.8	3672544.0	14.1	4.76	5.12	4.43	NO NO
L0005780	0	0.23585E-02	464680.5	3672553.0	14.3	4.76	5.12	4.43	NO NO
L0005781	0	0.23585E-02	464674.1	3672562.0	14.5	4.76	5.12	4.43	NO NO
L0005782	0	0.23585E-02	464667.8	3672571.0	14.5	4.76	5.12	4.43	NO NO
L0005783	0	0.23585E-02	464661.4	3672579.9	14.5	4.76	5.12	4.43	NO NO
L0005784	0	0.23585E-02	464655.1	3672588.9	14.5	4.76	5.12	4.43	NO NO
L0005785	0	0.23585E-02	464648.7	3672597.9	14.4	4.76	5.12	4.43	NO NO
L0005786	0	0.23585E-02	464642.4	3672606.9	14.4	4.76	5.12		

4.43 NO NO
L0005787 0 0.23585E-02 464636.1 3672615.9 14.4 4.76 5.12
4.43 NO NO
L0005788 0 0.23585E-02 464629.8 3672625.0 14.4 4.76 5.12
4.43 NO NO
L0005789 0 0.23585E-02 464623.6 3672634.0 14.4 4.76 5.12
4.43 NO NO
L0005790 0 0.23585E-02 464617.3 3672643.0 14.4 4.76 5.12
4.43 NO NO
L0005791 0 0.23585E-02 464611.0 3672652.1 14.4 4.76 5.12
4.43 NO NO
L0005792 0 0.23585E-02 464604.7 3672661.1 14.5 4.76 5.12
4.43 NO NO
L0005793 0 0.23585E-02 464598.5 3672670.1 14.5 4.76 5.12
4.43 NO NO
L0005794 0 0.23585E-02 464592.2 3672679.2 14.4 4.76 5.12
4.43 NO NO
L0005795 0 0.23585E-02 464585.9 3672688.2 14.4 4.76 5.12
4.43 NO NO
L0005796 0 0.23585E-02 464579.6 3672697.3 14.5 4.76 5.12
4.43 NO NO
L0005797 0 0.23585E-02 464573.4 3672706.3 14.7 4.76 5.12
4.43 NO NO
L0005798 0 0.23585E-02 464567.1 3672715.3 14.7 4.76 5.12
4.43 NO NO
L0005799 0 0.23585E-02 464560.8 3672724.4 14.5 4.76 5.12
4.43 NO NO
L0005800 0 0.23585E-02 464554.5 3672733.4 14.5 4.76 5.12
4.43 NO NO
L0005801 0 0.23585E-02 464548.3 3672742.4 14.5 4.76 5.12
4.43 NO NO
L0005802 0 0.23585E-02 464542.0 3672751.5 14.5 4.76 5.12
4.43 NO NO
L0005803 0 0.23585E-02 464535.7 3672760.5 14.5 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005804	0	0.23585E-02	464529.4	3672769.5	14.5	4.76	5.12	4.43	NO NO
L0005805	0	0.23585E-02	464523.2	3672778.6	14.5	4.76	5.12	4.43	NO NO
L0005806	0	0.23585E-02	464516.9	3672787.6	14.6	4.76	5.12	4.43	NO NO
L0005807	0	0.23585E-02	464510.6	3672796.6	14.5	4.76	5.12	4.43	NO NO
L0005808	0	0.23585E-02	464504.3	3672805.7	14.5	4.76	5.12	4.43	NO NO
L0005809	0	0.23585E-02	464498.1	3672814.7	14.5	4.76	5.12	4.43	NO NO
L0005810	0	0.23585E-02	464491.7	3672823.7	14.4	4.76	5.12	4.43	NO NO
L0005811	0	0.23585E-02	464485.3	3672832.6	14.3	4.76	5.12	4.43	NO NO
L0005812	0	0.23585E-02	464478.9	3672841.6	14.3	4.76	5.12	4.43	NO NO
L0005813	0	0.23585E-02	464472.5	3672850.5	14.3	4.76	5.12	4.43	NO NO
L0005814	0	0.23585E-02	464466.1	3672859.5	14.3	4.76	5.12	4.43	NO NO
L0005815	0	0.23585E-02	464459.7	3672868.4	14.3	4.76	5.12	4.43	NO NO
L0005816	0	0.23585E-02	464453.3	3672877.4	14.2	4.76	5.12	4.43	NO NO
L0005817	0	0.23585E-02	464446.9	3672886.3	14.2	4.76	5.12	4.43	NO NO
L0005818	0	0.23585E-02	464440.5	3672895.3	14.2	4.76	5.12	4.43	NO NO
L0005819	0	0.23585E-02	464434.1	3672904.2	14.3	4.76	5.12	4.43	NO NO
L0005820	0	0.23585E-02	464427.7	3672913.2	14.5	4.76	5.12	4.43	NO NO
L0005821	0	0.23585E-02	464421.3	3672922.1	14.6	4.76	5.12	4.43	NO NO
L0005822	0	0.23585E-02	464414.9	3672931.0	14.7	4.76	5.12	4.43	NO NO
L0005823	0	0.23585E-02	464408.5	3672940.0	14.7	4.76	5.12	4.43	NO NO
L0005824	0	0.23585E-02	464402.2	3672949.0	14.6	4.76	5.12	4.43	NO NO
L0005825	0	0.23585E-02	464395.9	3672958.0	14.5	4.76	5.12	4.43	NO NO
L0005826	0	0.23585E-02	464389.6	3672967.0	14.4	4.76	5.12		

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4.43     NO                    NO
 L0005827         0   0.23585E-02  464383.3 3672976.1    14.3     4.76     5.12
4.43     NO                    NO
 L0005828         0   0.23585E-02  464377.0 3672985.1    14.2     4.76     5.12
4.43     NO                    NO
 L0005829         0   0.23585E-02  464370.7 3672994.1    14.2     4.76     5.12
4.43     NO                    NO
 L0005830         0   0.23585E-02  464364.4 3673003.1    14.3     4.76     5.12
4.43     NO                    NO
 L0005831         0   0.23585E-02  464358.1 3673012.1    14.2     4.76     5.12
4.43     NO                    NO
 L0005832         0   0.23585E-02  464351.8 3673021.1    13.9     4.76     5.12
4.43     NO                    NO
 L0005833         0   0.23585E-02  464345.6 3673030.2    13.8     4.76     5.12
4.43     NO                    NO
 L0005834         0   0.23585E-02  464339.4 3673039.3    14.0     4.76     5.12
4.43     NO                    NO
 L0005835         0   0.23585E-02  464333.2 3673048.4    14.3     4.76     5.12
4.43     NO                    NO
 L0005836         0   0.23585E-02  464327.0 3673057.5    14.4     4.76     5.12
4.43     NO                    NO
 L0005837         0   0.23585E-02  464320.7 3673066.5    14.4     4.76     5.12
4.43     NO                    NO
 L0005838         0   0.23585E-02  464314.4 3673075.5    14.5     4.76     5.12
4.43     NO                    NO
 L0005839         0   0.23585E-02  464308.0 3673084.5    14.4     4.76     5.12
4.43     NO                    NO
 L0005840         0   0.23585E-02  464301.7 3673093.5    14.3     4.76     5.12
4.43     NO                    NO
 L0005841         0   0.23585E-02  464295.4 3673102.5    14.1     4.76     5.12
4.43     NO                    NO
 L0005842         0   0.23585E-02  464289.1 3673111.5    13.9     4.76     5.12
4.43     NO                    NO
 L0005843         0   0.23585E-02  464282.8 3673120.5    13.9     4.76     5.12
4.43     NO                    NO
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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005844	0	0.23585E-02	464276.4	3673129.5	14.1	4.76	5.12	4.43	NO
L0005845	0	0.23585E-02	464270.1	3673138.5	14.1	4.76	5.12	4.43	NO
L0005846	0	0.23585E-02	464263.8	3673147.5	14.1	4.76	5.12	4.43	NO
L0005847	0	0.23585E-02	464257.5	3673156.5	14.1	4.76	5.12	4.43	NO
L0005848	0	0.23585E-02	464251.2	3673165.5	14.2	4.76	5.12	4.43	NO
L0005849	0	0.23585E-02	464244.9	3673174.5	14.2	4.76	5.12	4.43	NO
L0005850	0	0.23585E-02	464238.5	3673183.5	14.2	4.76	5.12	4.43	NO
L0005851	0	0.23585E-02	464232.2	3673192.5	14.3	4.76	5.12	4.43	NO
L0005852	0	0.23585E-02	464225.9	3673201.5	14.3	4.76	5.12	4.43	NO
L0005853	0	0.23585E-02	464219.6	3673210.6	14.2	4.76	5.12	4.43	NO
L0005854	0	0.23585E-02	464213.3	3673219.6	14.2	4.76	5.12	4.43	NO
L0005855	0	0.23585E-02	464207.0	3673228.6	14.3	4.76	5.12	4.43	NO
L0005856	0	0.23585E-02	464200.6	3673237.6	14.3	4.76	5.12	4.43	NO
L0005857	0	0.23585E-02	464194.3	3673246.6	14.2	4.76	5.12	4.43	NO
L0005858	0	0.23585E-02	464188.0	3673255.6	14.1	4.76	5.12	4.43	NO
L0005859	0	0.23585E-02	464181.7	3673264.6	14.0	4.76	5.12	4.43	NO
L0005860	0	0.23585E-02	464175.4	3673273.6	14.0	4.76	5.12	4.43	NO
L0005861	0	0.23585E-02	464169.1	3673282.6	14.1	4.76	5.12	4.43	NO
L0005862	0	0.23585E-02	464162.7	3673291.6	14.1	4.76	5.12	4.43	NO
L0005863	0	0.23585E-02	464156.4	3673300.6	14.2	4.76	5.12	4.43	NO
L0005864	0	0.23585E-02	464150.1	3673309.6	14.2	4.76	5.12	4.43	NO
L0005865	0	0.23585E-02	464143.8	3673318.6	14.3	4.76	5.12	4.43	NO
L0005866	0	0.23585E-02	464137.5	3673327.6	14.3	4.76	5.12		

```
4.43     NO                    NO
 L0005867         0   0.23585E-02  464131.1 3673336.6    14.1     4.76     5.12
4.43     NO                    NO
 L0005868         0   0.23585E-02  464124.8 3673345.6    13.9     4.76     5.12
4.43     NO                    NO
 L0005869         0   0.23585E-02  464118.5 3673354.6    13.8     4.76     5.12
4.43     NO                    NO
 L0005870         0   0.23585E-02  464112.2 3673363.6    13.8     4.76     5.12
4.43     NO                    NO
 L0005871         0   0.23585E-02  464105.9 3673372.6    13.6     4.76     5.12
4.43     NO                    NO
 L0005872         0   0.23585E-02  464099.6 3673381.6    13.4     4.76     5.12
4.43     NO                    NO
 L0005873         0   0.23585E-02  464093.2 3673390.7    13.5     4.76     5.12
4.43     NO                    NO
 L0005874         0   0.23585E-02  464086.9 3673399.7    13.5     4.76     5.12
4.43     NO                    NO
 L0005875         0   0.23585E-02  464080.6 3673408.7    13.3     4.76     5.12
4.43     NO                    NO
 L0005876         0   0.23585E-02  464074.3 3673417.7    13.1     4.76     5.12
4.43     NO                    NO
 L0005877         0   0.23585E-02  464068.0 3673426.7    13.4     4.76     5.12
4.43     NO                    NO
 L0005878         0   0.23585E-02  464061.7 3673435.7    13.2     4.76     5.12
4.43     NO                    NO
 L0005879         0   0.23585E-02  464055.3 3673444.7    12.6     4.76     5.12
4.43     NO                    NO
 L0005880         0   0.23585E-02  464049.0 3673453.7    12.5     4.76     5.12
4.43     NO                    NO
 L0005881         0   0.23585E-02  464042.7 3673462.7    13.1     4.76     5.12
4.43     NO                    NO
 L0005882         0   0.23585E-02  464036.4 3673471.7    13.1     4.76     5.12
4.43     NO                    NO
 L0005883         0   0.23585E-02  464030.1 3673480.7    12.5     4.76     5.12
4.43     NO                    NO
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0005884	0	0.23585E-02	464023.8	3673489.7	12.6	4.76	5.12	4.43	NO	NO
L0005885	0	0.23585E-02	464017.4	3673498.7	13.0	4.76	5.12	4.43	NO	NO
L0005886	0	0.23585E-02	464011.1	3673507.7	13.0	4.76	5.12	4.43	NO	NO
L0005887	0	0.23585E-02	464004.8	3673516.7	12.5	4.76	5.12	4.43	NO	NO
L0005888	0	0.23585E-02	463998.5	3673525.7	11.9	4.76	5.12	4.43	NO	NO
L0005889	0	0.23585E-02	463992.2	3673534.7	11.7	4.76	5.12	4.43	NO	NO
L0005890	0	0.23585E-02	463985.8	3673543.7	11.5	4.76	5.12	4.43	NO	NO
L0005891	0	0.23585E-02	463979.5	3673552.7	11.3	4.76	5.12	4.43	NO	NO
L0005892	0	0.23585E-02	463973.2	3673561.8	10.7	4.76	5.12	4.43	NO	NO
L0005893	0	0.23585E-02	463966.9	3673570.8	10.3	4.76	5.12	4.43	NO	NO
L0005894	0	0.23585E-02	463960.6	3673579.8	10.4	4.76	5.12	4.43	NO	NO
L0005895	0	0.23585E-02	463954.3	3673588.8	10.4	4.76	5.12	4.43	NO	NO
L0005896	0	0.23585E-02	463947.9	3673597.8	10.3	4.76	5.12	4.43	NO	NO
L0005897	0	0.23585E-02	463941.6	3673606.8	9.7	4.76	5.12	4.43	NO	NO
L0005898	0	0.23585E-02	463935.7	3673616.0	9.3	4.76	5.12	4.43	NO	NO
L0005899	0	0.23585E-02	463930.2	3673625.5	9.2	4.76	5.12	4.43	NO	NO
L0005900	0	0.23585E-02	463924.6	3673635.0	9.4	4.76	5.12	4.43	NO	NO
L0005901	0	0.23585E-02	463919.0	3673644.5	9.2	4.76	5.12	4.43	NO	NO
L0005902	0	0.23585E-02	463913.5	3673654.0	9.1	4.76	5.12	4.43	NO	NO
L0005903	0	0.23585E-02	463908.3	3673663.7	9.1	4.76	5.12	4.43	NO	NO
L0005904	0	0.23585E-02	463903.0	3673673.4	9.4	4.76	5.12	4.43	NO	NO
L0005905	0	0.23585E-02	463897.7	3673683.0	9.0	4.76	5.12	4.43	NO	NO
L0005906	0	0.23585E-02	463892.5	3673692.7	8.8	4.76	5.12			

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4.43     NO                     NO
 L0005907         0   0.23585E-02  463887.2 3673702.3     8.7     4.76     5.12
4.43     NO                     NO
 L0005908         0   0.23585E-02  463882.0 3673712.0     8.8     4.76     5.12
4.43     NO                     NO
 L0005909         0   0.23585E-02  463877.9 3673722.2     8.8     4.76     5.12
4.43     NO                     NO
 L0005910         0   0.23585E-02  463873.9 3673732.5     8.9     4.76     5.12
4.43     NO                     NO
 L0005911         0   0.23585E-02  463869.9 3673742.7     8.7     4.76     5.12
4.43     NO                     NO
 L0005912         0   0.23585E-02  463866.0 3673753.0     8.6     4.76     5.12
4.43     NO                     NO
 L0005913         0   0.23585E-02  463862.0 3673763.2     8.4     4.76     5.12
4.43     NO                     NO
 L0005914         0   0.23585E-02  463858.0 3673773.5     8.3     4.76     5.12
4.43     NO                     NO
 L0005915         0   0.23585E-02  463854.0 3673783.7     8.2     4.76     5.12
4.43     NO                     NO
 L0005916         0   0.23585E-02  463850.5 3673794.2     8.1     4.76     5.12
4.43     NO                     NO
 L0005917         0   0.23585E-02  463846.9 3673804.6     8.0     4.76     5.12
4.43     NO                     NO
 L0005918         0   0.23585E-02  463843.4 3673815.0     8.0     4.76     5.12
4.43     NO                     NO
 L0005919         0   0.23585E-02  463839.9 3673825.4     7.3     4.76     5.12
4.43     NO                     NO
 L0005920         0   0.23585E-02  463836.3 3673835.8     6.2     4.76     5.12
4.43     NO                     NO
 L0005921         0   0.23585E-02  463832.8 3673846.2     5.0     4.76     5.12
4.43     NO                     NO
 L0005922         0   0.23585E-02  463829.8 3673856.8     4.0     4.76     5.12
4.43     NO                     NO
 L0005923         0   0.23585E-02  463827.7 3673867.6     3.2     4.76     5.12
4.43     NO                     NO
```


*** VOLUME SOURCE DATA ***

SOURCE	NUMBER EMISSION RATE PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005924	0	0.23585E-02	463825.6	3673878.4	2.4	4.76	5.12	4.43	NO NO
L0005925	0	0.23585E-02	463823.4	3673889.2	2.1	4.76	5.12	4.43	NO NO
L0005926	0	0.23585E-02	463821.3	3673900.0	1.9	4.76	5.12	4.43	NO NO
L0005927	0	0.23585E-02	463819.2	3673910.8	1.7	4.76	5.12	4.43	NO NO
L0005928	0	0.23585E-02	463817.1	3673921.6	1.6	4.76	5.12	4.43	NO NO
L0005929	0	0.23585E-02	463814.9	3673932.3	1.6	4.76	5.12	4.43	NO NO
L0005930	0	0.23585E-02	463812.8	3673943.1	1.7	4.76	5.12	4.43	NO NO
L0005931	0	0.23585E-02	463810.7	3673953.9	1.7	4.76	5.12	4.43	NO NO
L0005932	0	0.23585E-02	463808.6	3673964.7	1.9	4.76	5.12	4.43	NO NO
L0005933	0	0.23585E-02	463806.4	3673975.5	2.0	4.76	5.12	4.43	NO NO
L0005934	0	0.23585E-02	463804.3	3673986.3	2.1	4.76	5.12	4.43	NO NO
L0005935	0	0.23585E-02	463802.2	3673997.1	2.2	4.76	5.12	4.43	NO NO
L0005936	0	0.23585E-02	463800.1	3674007.9	2.2	4.76	5.12	4.43	NO NO
L0005937	0	0.23585E-02	463797.9	3674018.7	2.1	4.76	5.12	4.43	NO NO
L0005938	0	0.23585E-02	463795.8	3674029.5	1.9	4.76	5.12	4.43	NO NO
L0005939	0	0.23585E-02	463793.7	3674040.3	1.9	4.76	5.12	4.43	NO NO
L0005940	0	0.23585E-02	463791.6	3674051.1	2.2	4.76	5.12	4.43	NO NO
L0005941	0	0.23585E-02	463789.4	3674061.9	2.5	4.76	5.12	4.43	NO NO
L0005942	0	0.23585E-02	463787.3	3674072.7	3.0	4.76	5.12	4.43	NO NO
L0005943	0	0.23585E-02	463785.2	3674083.4	3.6	4.76	5.12	4.43	NO NO
L0005944	0	0.23585E-02	463783.0	3674094.2	4.2	4.76	5.12	4.43	NO NO
L0005945	0	0.23585E-02	463780.7	3674105.0	4.7	4.76	5.12	4.43	NO NO
L0005946	0	0.23585E-02	463778.3	3674115.7	5.4	4.76	5.12		

4.43 NO NO
L0005947 0 0.23585E-02 463776.0 3674126.5 6.2 4.76 5.12
4.43 NO NO
L0005948 0 0.23585E-02 463773.6 3674137.2 7.0 4.76 5.12
4.43 NO NO
L0005949 0 0.23585E-02 463771.2 3674148.0 7.9 4.76 5.12
4.43 NO NO
L0005950 0 0.23585E-02 463768.9 3674158.7 8.7 4.76 5.12
4.43 NO NO
L0005951 0 0.23585E-02 463766.5 3674169.4 7.2 4.76 5.12
4.43 NO NO
L0005952 0 0.23585E-02 463764.2 3674180.2 5.9 4.76 5.12
4.43 NO NO
L0005953 0 0.23585E-02 463761.8 3674190.9 5.1 4.76 5.12
4.43 NO NO
L0005954 0 0.23585E-02 463759.4 3674201.7 5.0 4.76 5.12
4.43 NO NO
L0005955 0 0.23585E-02 463757.1 3674212.4 4.9 4.76 5.12
4.43 NO NO
L0005956 0 0.23585E-02 463754.7 3674223.2 5.3 4.76 5.12
4.43 NO NO
L0005957 0 0.23585E-02 463752.4 3674233.9 6.4 4.76 5.12
4.43 NO NO
L0005958 0 0.23585E-02 463750.0 3674244.6 7.8 4.76 5.12
4.43 NO NO
L0005959 0 0.23585E-02 463747.6 3674255.4 8.9 4.76 5.12
4.43 NO NO
L0005960 0 0.23585E-02 463745.3 3674266.1 9.5 4.76 5.12
4.43 NO NO
L0005961 0 0.23585E-02 463743.0 3674276.9 9.9 4.76 5.12
4.43 NO NO
L0005962 0 0.23585E-02 463740.7 3674287.7 9.8 4.76 5.12
4.43 NO NO
L0005963 0 0.23585E-02 463738.4 3674298.4 9.7 4.76 5.12
4.43 NO NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0005964	0	0.23585E-02	463736.1	3674309.2	9.8	4.76	5.12	4.43	NO NO
L0005965	0	0.23585E-02	463733.8	3674319.9	11.2	4.76	5.12	4.43	NO NO
L0005966	0	0.23585E-02	463731.5	3674330.7	12.9	4.76	5.12	4.43	NO NO
L0005967	0	0.23585E-02	463729.3	3674341.5	14.4	4.76	5.12	4.43	NO NO
L0005968	0	0.23585E-02	463727.0	3674352.2	14.0	4.76	5.12	4.43	NO NO
L0005969	0	0.23585E-02	463724.7	3674363.0	13.0	4.76	5.12	4.43	NO NO
L0005970	0	0.23585E-02	463722.4	3674373.7	11.8	4.76	5.12	4.43	NO NO
L0005971	0	0.23585E-02	463720.1	3674384.5	11.6	4.76	5.12	4.43	NO NO
L0005972	0	0.23585E-02	463717.8	3674395.2	11.4	4.76	5.12	4.43	NO NO
L0005973	0	0.23585E-02	463715.5	3674406.0	12.0	4.76	5.12	4.43	NO NO
L0005974	0	0.23585E-02	463713.2	3674416.8	12.4	4.76	5.12	4.43	NO NO
L0005975	0	0.23585E-02	463710.9	3674427.5	13.1	4.76	5.12	4.43	NO NO
L0005976	0	0.23585E-02	463708.7	3674438.3	14.2	4.76	5.12	4.43	NO NO
L0005977	0	0.23585E-02	463706.4	3674449.0	15.2	4.76	5.12	4.43	NO NO
L0005978	0	0.23585E-02	463704.1	3674459.8	15.6	4.76	5.12	4.43	NO NO
L0005979	0	0.23585E-02	463701.8	3674470.6	15.0	4.76	5.12	4.43	NO NO
L0005980	0	0.23585E-02	463699.5	3674481.3	14.0	4.76	5.12	4.43	NO NO
L0005981	0	0.23585E-02	463697.2	3674492.1	13.1	4.76	5.12	4.43	NO NO
L0005982	0	0.23585E-02	463694.9	3674502.8	12.8	4.76	5.12	4.43	NO NO
L0005983	0	0.23585E-02	463692.6	3674513.6	12.9	4.76	5.12	4.43	NO NO
L0005984	0	0.23585E-02	463690.4	3674524.4	13.2	4.76	5.12	4.43	NO NO
L0005985	0	0.23585E-02	463688.1	3674535.1	13.4	4.76	5.12	4.43	NO NO
L0005986	0	0.23585E-02	463685.8	3674545.9	13.7	4.76	5.12		

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4.43     NO                    NO
 L0005987         0   0.23585E-02  463683.5 3674556.6    13.9     4.76     5.12
4.43     NO                    NO
 L0005988         0   0.23585E-02  463681.2 3674567.4    14.1     4.76     5.12
4.43     NO                    NO
 L0005989         0   0.23585E-02  463678.9 3674578.2    14.2     4.76     5.12
4.43     NO                    NO
 L0005990         0   0.23585E-02  463676.6 3674588.9    14.1     4.76     5.12
4.43     NO                    NO
 L0005991         0   0.23585E-02  463674.3 3674599.7    14.2     4.76     5.12
4.43     NO                    NO
 L0005992         0   0.23585E-02  463672.1 3674610.4    14.2     4.76     5.12
4.43     NO                    NO
 L0005993         0   0.23585E-02  463669.8 3674621.2    14.2     4.76     5.12
4.43     NO                    NO
 L0005994         0   0.23585E-02  463667.5 3674632.0    14.3     4.76     5.12
4.43     NO                    NO
 L0005995         0   0.23585E-02  463665.2 3674642.7    14.4     4.76     5.12
4.43     NO                    NO
 L0005996         0   0.23585E-02  463662.9 3674653.5    14.5     4.76     5.12
4.43     NO                    NO
 L0005997         0   0.23585E-02  463660.6 3674664.2    14.5     4.76     5.12
4.43     NO                    NO
 L0005998         0   0.23585E-02  463658.3 3674675.0    14.5     4.76     5.12
4.43     NO                    NO
 L0005999         0   0.23585E-02  463656.0 3674685.8    14.8     4.76     5.12
4.43     NO                    NO
 L0006000         0   0.23585E-02  463653.7 3674696.5    15.0     4.76     5.12
4.43     NO                    NO
 L0006001         0   0.23585E-02  463651.5 3674707.3    15.1     4.76     5.12
4.43     NO                    NO
 L0006002         0   0.23585E-02  463649.2 3674718.0    15.3     4.76     5.12
4.43     NO                    NO
 L0006003         0   0.23585E-02  463646.9 3674728.8    15.5     4.76     5.12
4.43     NO                    NO
```


*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY	AIRCRAFT

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0006004	0	0.23585E-02	463644.6	3674739.6	15.7	4.76	5.12	4.43	NO	NO
L0006005	0	0.23585E-02	463642.3	3674750.3	15.8	4.76	5.12	4.43	NO	NO
L0006006	0	0.23585E-02	463640.0	3674761.1	15.8	4.76	5.12	4.43	NO	NO
L0006007	0	0.23585E-02	463637.7	3674771.8	15.8	4.76	5.12	4.43	NO	NO
L0006008	0	0.23585E-02	463635.4	3674782.6	15.7	4.76	5.12	4.43	NO	NO
L0006009	0	0.23585E-02	463633.2	3674793.3	15.5	4.76	5.12	4.43	NO	NO
L0006010	0	0.23585E-02	463630.9	3674804.1	15.4	4.76	5.12	4.43	NO	NO
L0006011	0	0.23585E-02	463628.6	3674814.9	15.6	4.76	5.12	4.43	NO	NO
L0006012	0	0.23585E-02	463626.3	3674825.6	15.7	4.76	5.12	4.43	NO	NO
L0006013	0	0.23585E-02	463624.0	3674836.4	15.8	4.76	5.12	4.43	NO	NO
L0006014	0	0.23585E-02	463621.7	3674847.1	16.2	4.76	5.12	4.43	NO	NO
L0006015	0	0.23585E-02	463619.4	3674857.9	16.5	4.76	5.12	4.43	NO	NO
L0006016	0	0.23585E-02	463617.1	3674868.7	16.8	4.76	5.12	4.43	NO	NO
L0006017	0	0.23585E-02	463614.9	3674879.4	16.7	4.76	5.12	4.43	NO	NO
L0006018	0	0.23585E-02	463612.6	3674890.2	16.6	4.76	5.12	4.43	NO	NO
L0006019	0	0.23585E-02	463610.3	3674900.9	16.6	4.76	5.12	4.43	NO	NO
L0006020	0	0.23585E-02	463608.0	3674911.7	16.4	4.76	5.12	4.43	NO	NO
L0006021	0	0.23585E-02	463605.7	3674922.5	16.2	4.76	5.12	4.43	NO	NO
L0006022	0	0.23585E-02	463603.4	3674933.2	16.2	4.76	5.12	4.43	NO	NO
L0006023	0	0.23585E-02	463601.1	3674944.0	16.4	4.76	5.12	4.43	NO	NO
L0006024	0	0.23585E-02	463598.8	3674954.7	16.6	4.76	5.12	4.43	NO	NO
L0006025	0	0.23585E-02	463596.5	3674965.5	16.8	4.76	5.12	4.43	NO	NO
L0006026	0	0.23585E-02	463594.3	3674976.3	17.1	4.76	5.12			

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
AMTKIDLE	AMTKIDLE ,
AMTKTRVL	L0004564 , L0004565 , L0004566 , L0004567 , L0004568 , L0004569 , L0004570 , L0004571 ,
	L0004572 , L0004573 , L0004574 , L0004575 , L0004576 , L0004577 , L0004578 , L0004579 ,
	L0004580 , L0004581 , L0004582 , L0004583 , L0004584 , L0004585 , L0004586 , L0004587 ,
	L0004588 , L0004589 , L0004590 , L0004591 , L0004592 , L0004593 , L0004594 , L0004595 ,
	L0004596 , L0004597 , L0004598 , L0004599 , L0004600 , L0004601 , L0004602 , L0004603 ,
	L0004604 , L0004605 , L0004606 , L0004607 , L0004608 , L0004609 , L0004610 , L0004611 ,
	L0004612 , L0004613 , L0004614 , L0004615 , L0004616 , L0004617 , L0004618 , L0004619 ,
	L0004620 , L0004621 , L0004622 , L0004623 , L0004624 , L0004625 , L0004626 , L0004627 ,
	L0004628 , L0004629 , L0004630 , L0004631 , L0004632 , L0004633 , L0004634 , L0004635 ,

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             L0004636    , L0004637    , L0004638    , L0004639    , L0004640    ,
L0004641    , L0004642    , L0004643    ,

             L0004644    , L0004645    , L0004646    , L0004647    , L0004648    ,
L0004649    , L0004650    , L0004651    ,

             L0004652    , L0004653    , L0004654    , L0004655    , L0004656    ,
L0004657    , L0004658    , L0004659    ,

             L0004660    , L0004661    , L0004662    , L0004663    , L0004664    ,
L0004665    , L0004666    , L0004667    ,

             L0004668    , L0004669    , L0004670    , L0004671    , L0004672    ,
L0004673    , L0004674    , L0004675    ,

             L0004676    , L0004677    , L0004678    , L0004679    , L0004680    ,
L0004681    , L0004682    , L0004683    ,

             L0004684    , L0004685    , L0004686    , L0004687    , L0004688    ,
L0004689    , L0004690    , L0004691    ,

             L0004692    , L0004693    , L0004694    , L0004695    , L0004696    ,
L0004697    , L0004698    , L0004699    ,

             L0004700    , L0004701    , L0004702    , L0004703    , L0004704    ,
L0004705    , L0004706    , L0004707    ,

             L0004708    , L0004709    , L0004710    , L0004711    , L0004712    ,
L0004713    , L0004714    , L0004715    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0004721    , L0004722    , L0004723    ,

             L0004724    , L0004725    , L0004726    , L0004727    , L0004728    ,
L0004729    , L0004730    , L0004731    ,
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L0004732 , L0004733 , L0004734 , L0004735 , L0004736 ,
L0004737 , L0004738 , L0004739 ,

L0004740 , L0004741 , L0004742 , L0004743 , L0004744 ,
L0004745 , L0004746 , L0004747 ,

L0004748 , L0004749 , L0004750 , L0004751 , L0004752 ,
L0004753 , L0004754 , L0004755 ,

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L0004761 , L0004762 , L0004763 ,

L0004764 , L0004765 , L0004766 , L0004767 , L0004768 ,
L0004769 , L0004770 , L0004771 ,

L0004772 , L0004773 , L0004774 , L0004775 , L0004776 ,
L0004777 , L0004778 , L0004779 ,

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L0004785 , L0004786 , L0004787 ,

L0004788 , L0004789 , L0004790 , L0004791 , L0004792 ,
L0004793 , L0004794 , L0004795 ,

L0004796 , L0004797 , L0004798 , L0004799 , L0004800 ,
L0004801 , L0004802 , L0004803 ,

L0004804 , L0004805 , L0004806 , L0004807 , L0004808 ,
L0004809 , L0004810 , L0004811 ,

L0004812 , L0004813 , L0004814 , L0004815 , L0004816 ,
L0004817 , L0004818 , L0004819 ,

L0004820 , L0004821 , L0004822 , L0004823 , L0004824 ,
L0004825 , L0004826 , L0004827 ,

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L0004836 , L0004837 , L0004838 , L0004839 , L0004840 ,
L0004841 , L0004842 , L0004843 ,

L0004844 , L0004845 , L0004846 , L0004847 , L0004848 ,
L0004849 , L0004850 , L0004851 ,

L0004852 , L0004853 , L0004854 , L0004855 , L0004856 ,
L0004857 , L0004858 , L0004859 ,

L0004860 , L0004861 , L0004862 , L0004863 , L0004864 ,

L0004865   , L0004866   , L0004867   ,

             L0004868   , L0004869   , L0004870   , L0004871   , L0004872   ,
L0004873   , L0004874   , L0004875   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0004876   , L0004877   , L0004878   , L0004879   , L0004880   ,
L0004881   , L0004882   , L0004883   ,

             L0004884   , L0004885   , L0004886   , L0004887   , L0004888   ,
L0004889   , L0004890   , L0004891   ,

             L0004892   , L0004893   , L0004894   , L0004895   , L0004896   ,
L0004897   , L0004898   , L0004899   ,

             L0004900   , L0004901   , L0004902   , L0004903   , L0004904   ,
L0004905   , L0004906   , L0004907   ,

             L0004908   , L0004909   , L0004910   , L0004911   , L0004912   ,
L0004913   , L0004914   , L0004915   ,

             L0004916   , L0004917   , L0004918   , L0004919   , L0004920   ,
L0004921   , L0004922   , L0004923   ,

             L0004924   , L0004925   , L0004926   , L0004927   , L0004928   ,
L0004929   , L0004930   , L0004931   ,

             L0004932   , L0004933   , L0004934   , L0004935   , L0004936   ,
L0004937   , L0004938   , L0004939   ,

             L0004940   , L0004941   , L0004942   , L0004943   , L0004944   ,
L0004945   , L0004946   , L0004947   ,

             L0004948   , L0004949   , L0004950   , L0004951   , L0004952   ,
L0004953   , L0004954   , L0004955   ,

             L0004956   , L0004957   , L0004958   , L0004959   , L0004960   ,

L0004961   , L0004962   , L0004963   ,

             L0004964   , L0004965   , L0004966   , L0004967   , L0004968   ,
L0004969   , L0004970   , L0004971   ,

             L0004972   , L0004973   , L0004974   , L0004975   , L0004976   ,
L0004977   , L0004978   , L0004979   ,

             L0004980   , L0004981   , L0004982   , L0004983   , L0004984   ,
L0004985   , L0004986   , L0004987   ,

  BNSFTRVL   L0004140   , L0004141   , L0004142   , L0004143   , L0004144   ,
L0004145   , L0004146   , L0004147   ,

             L0004148   , L0004149   , L0004150   , L0004151   , L0004152   ,
L0004153   , L0004154   , L0004155   ,

             L0004156   , L0004157   , L0004158   , L0004159   , L0004160   ,
L0004161   , L0004162   , L0004163   ,

             L0004164   , L0004165   , L0004166   , L0004167   , L0004168   ,
L0004169   , L0004170   , L0004171   ,

             L0004172   , L0004173   , L0004174   , L0004175   , L0004176   ,
L0004177   , L0004178   , L0004179   ,

             L0004180   , L0004181   , L0004182   , L0004183   , L0004184   ,
L0004185   , L0004186   , L0004187   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0004201   , L0004202   , L0004203   ,

             L0004204   , L0004205   , L0004206   , L0004207   , L0004208   ,

L0004209 , L0004210 , L0004211 ,

L0004212 , L0004213 , L0004214 , L0004215 , L0004216 ,
L0004217 , L0004218 , L0004219 ,

L0004220 , L0004221 , L0004222 , L0004223 , L0004224 ,
L0004225 , L0004226 , L0004227 ,

L0004228 , L0004229 , L0004230 , L0004231 , L0004232 ,
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L0004236 , L0004237 , L0004238 , L0004239 , L0004240 ,
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L0004244 , L0004245 , L0004246 , L0004247 , L0004248 ,
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L0004252 , L0004253 , L0004254 , L0004255 , L0004256 ,
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L0004265 , L0004266 , L0004267 ,

L0004268 , L0004269 , L0004270 , L0004271 , L0004272 ,
L0004273 , L0004274 , L0004275 ,

L0004276 , L0004277 , L0004278 , L0004279 , L0004280 ,
L0004281 , L0004282 , L0004283 ,

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L0004289 , L0004290 , L0004291 ,

L0004292 , L0004293 , L0004294 , L0004295 , L0004296 ,
L0004297 , L0004298 , L0004299 ,

L0004300 , L0004301 , L0004302 , L0004303 , L0004304 ,
L0004305 , L0004306 , L0004307 ,

L0004308 , L0004309 , L0004310 , L0004311 , L0004312 ,
L0004313 , L0004314 , L0004315 ,

L0004316 , L0004317 , L0004318 , L0004319 , L0004320 ,
L0004321 , L0004322 , L0004323 ,

L0004324 , L0004325 , L0004326 , L0004327 , L0004328 ,
L0004329 , L0004330 , L0004331 ,

L0004332 , L0004333 , L0004334 , L0004335 , L0004336 ,
L0004337 , L0004338 , L0004339 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0004364 , L0004365 , L0004366 , L0004367 , L0004368 ,
L0004369 , L0004370 , L0004371 ,

L0004372 , L0004373 , L0004374 , L0004375 , L0004376 ,
L0004377 , L0004378 , L0004379 ,

L0004380 , L0004381 , L0004382 , L0004383 , L0004384 ,
L0004385 , L0004386 , L0004387 ,

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L0004393 , L0004394 , L0004395 ,

L0004396 , L0004397 , L0004398 , L0004399 , L0004400 ,
L0004401 , L0004402 , L0004403 ,

L0004404 , L0004405 , L0004406 , L0004407 , L0004408 ,
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L0004417 , L0004418 , L0004419 ,

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L0004425 , L0004426 , L0004427 ,

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L0004441 , L0004442 , L0004443 ,

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L0004457 , L0004458 , L0004459 ,

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L0004492 , L0004493 , L0004494 , L0004495 , L0004496 ,
L0004497 , L0004498 , L0004499 ,

L0004500 , L0004501 , L0004502 , L0004503 , L0004504 ,
L0004505 , L0004506 , L0004507 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0004508 , L0004509 , L0004510 , L0004511 , L0004512 ,
L0004513 , L0004514 , L0004515 ,

L0004516 , L0004517 , L0004518 , L0004519 , L0004520 ,
L0004521 , L0004522 , L0004523 ,

L0004524 , L0004525 , L0004526 , L0004527 , L0004528 ,
L0004529 , L0004530 , L0004531 ,

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             L0004532    , L0004533    , L0004534    , L0004535    , L0004536    ,
L0004537    , L0004538    , L0004539    ,

             L0004540    , L0004541    , L0004542    , L0004543    , L0004544    ,
L0004545    , L0004546    , L0004547    ,

             L0004548    , L0004549    , L0004550    , L0004551    , L0004552    ,
L0004553    , L0004554    , L0004555    ,

             L0004556    , L0004557    , L0004558    , L0004559    , L0004560    ,
L0004561    , L0004562    , L0004563    ,

  COASIDLE   COASIDLE    ,

  COASTRVL   L0004988    , L0004989    , L0004990    , L0004991    , L0004992    ,
L0004993    , L0004994    , L0004995    ,

             L0004996    , L0004997    , L0004998    , L0004999    , L0005000    ,
L0005001    , L0005002    , L0005003    ,

             L0005004    , L0005005    , L0005006    , L0005007    , L0005008    ,
L0005009    , L0005010    , L0005011    ,

             L0005012    , L0005013    , L0005014    , L0005015    , L0005016    ,
L0005017    , L0005018    , L0005019    ,

             L0005020    , L0005021    , L0005022    , L0005023    , L0005024    ,
L0005025    , L0005026    , L0005027    ,

             L0005028    , L0005029    , L0005030    , L0005031    , L0005032    ,
L0005033    , L0005034    , L0005035    ,

             L0005036    , L0005037    , L0005038    , L0005039    , L0005040    ,
L0005041    , L0005042    , L0005043    ,

             L0005044    , L0005045    , L0005046    , L0005047    , L0005048    ,
L0005049    , L0005050    , L0005051    ,

             L0005052    , L0005053    , L0005054    , L0005055    , L0005056    ,
L0005057    , L0005058    , L0005059    ,

             L0005060    , L0005061    , L0005062    , L0005063    , L0005064    ,
L0005065    , L0005066    , L0005067    ,

             L0005068    , L0005069    , L0005070    , L0005071    , L0005072    ,
L0005073    , L0005074    , L0005075    ,

             L0005076    , L0005077    , L0005078    , L0005079    , L0005080    ,
L0005081    , L0005082    , L0005083    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005092 , L0005093 , L0005094 , L0005095 , L0005096 , L0005097 , L0005098 , L0005099 ,
	L0005100 , L0005101 , L0005102 , L0005103 , L0005104 , L0005105 , L0005106 , L0005107 ,
	L0005108 , L0005109 , L0005110 , L0005111 , L0005112 , L0005113 , L0005114 , L0005115 ,
	L0005116 , L0005117 , L0005118 , L0005119 , L0005120 , L0005121 , L0005122 , L0005123 ,
	L0005124 , L0005125 , L0005126 , L0005127 , L0005128 , L0005129 , L0005130 , L0005131 ,
	L0005132 , L0005133 , L0005134 , L0005135 , L0005136 , L0005137 , L0005138 , L0005139 ,
	L0005140 , L0005141 , L0005142 , L0005143 , L0005144 , L0005145 , L0005146 , L0005147 ,
	L0005148 , L0005149 , L0005150 , L0005151 , L0005152 , L0005153 , L0005154 , L0005155 ,
	L0005156 , L0005157 , L0005158 , L0005159 , L0005160 , L0005161 , L0005162 , L0005163 ,
	L0005164 , L0005165 , L0005166 , L0005167 , L0005168 , L0005169 , L0005170 , L0005171 ,
	L0005172 , L0005173 , L0005174 , L0005175 , L0005176 , L0005177 , L0005178 , L0005179 ,

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             L0005180    , L0005181    ,

  INLDIDLE   INLDIDLE    ,

  INLDTRVL   L0005606    , L0005607    , L0005608    , L0005609    , L0005610    ,
L0005611    , L0005612    , L0005613    ,

             L0005614    , L0005615    , L0005616    , L0005617    , L0005618    ,
L0005619    , L0005620    , L0005621    ,

             L0005622    , L0005623    , L0005624    , L0005625    , L0005626    ,
L0005627    , L0005628    , L0005629    ,

             L0005630    , L0005631    , L0005632    , L0005633    , L0005634    ,
L0005635    , L0005636    , L0005637    ,

             L0005638    , L0005639    , L0005640    , L0005641    , L0005642    ,
L0005643    , L0005644    , L0005645    ,

             L0005646    , L0005647    , L0005648    , L0005649    , L0005650    ,
L0005651    , L0005652    , L0005653    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                            SOURCE IDs
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             L0005654    , L0005655    , L0005656    , L0005657    , L0005658    ,
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             L0005662    , L0005663    , L0005664    , L0005665    , L0005666    ,
L0005667    , L0005668    , L0005669    ,

             L0005670    , L0005671    , L0005672    , L0005673    , L0005674    ,
L0005675    , L0005676    , L0005677    ,

             L0005678    , L0005679    , L0005680    , L0005681    , L0005682    ,
L0005683    , L0005684    , L0005685    ,

             L0005686    , L0005687    , L0005688    , L0005689    , L0005690    ,
L0005691    , L0005692    , L0005693    ,
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             L0005694    , L0005695    , L0005696    , L0005697    , L0005698    ,
L0005699    , L0005700    , L0005701    ,

             L0005702    , L0005703    , L0005704    , L0005705    , L0005706    ,
L0005707    , L0005708    , L0005709    ,

             L0005710    , L0005711    , L0005712    , L0005713    , L0005714    ,
L0005715    , L0005716    , L0005717    ,

             L0005718    , L0005719    , L0005720    , L0005721    , L0005722    ,
L0005723    , L0005724    , L0005725    ,

             L0005726    , L0005727    , L0005728    , L0005729    , L0005730    ,
L0005731    , L0005732    , L0005733    ,

             L0005734    , L0005735    , L0005736    , L0005737    , L0005738    ,
L0005739    , L0005740    , L0005741    ,

             L0005742    , L0005743    , L0005744    , L0005745    , L0005746    ,
L0005747    , L0005748    , L0005749    ,

             L0005750    , L0005751    , L0005752    , L0005753    , L0005754    ,
L0005755    , L0005756    , L0005757    ,

             L0005758    , L0005759    , L0005760    , L0005761    , L0005762    ,
L0005763    , L0005764    , L0005765    ,

             L0005766    , L0005767    , L0005768    , L0005769    , L0005770    ,
L0005771    , L0005772    , L0005773    ,

             L0005774    , L0005775    , L0005776    , L0005777    , L0005778    ,
L0005779    , L0005780    , L0005781    ,

             L0005782    , L0005783    , L0005784    , L0005785    , L0005786    ,
L0005787    , L0005788    , L0005789    ,

             L0005790    , L0005791    , L0005792    , L0005793    , L0005794    ,
L0005795    , L0005796    , L0005797    ,

             L0005798    , L0005799    , L0005800    , L0005801    , L0005802    ,
L0005803    , L0005804    , L0005805    ,

             L0005806    , L0005807    , L0005808    , L0005809    , L0005810    ,
L0005811    , L0005812    , L0005813    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***       16:29:24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005830 , L0005831 , L0005832 , L0005833 , L0005834 , L0005835 , L0005836 , L0005837 ,
	L0005838 , L0005839 , L0005840 , L0005841 , L0005842 , L0005843 , L0005844 , L0005845 ,
	L0005846 , L0005847 , L0005848 , L0005849 , L0005850 , L0005851 , L0005852 , L0005853 ,
	L0005854 , L0005855 , L0005856 , L0005857 , L0005858 , L0005859 , L0005860 , L0005861 ,
	L0005862 , L0005863 , L0005864 , L0005865 , L0005866 , L0005867 , L0005868 , L0005869 ,
	L0005870 , L0005871 , L0005872 , L0005873 , L0005874 , L0005875 , L0005876 , L0005877 ,
	L0005878 , L0005879 , L0005880 , L0005881 , L0005882 , L0005883 , L0005884 , L0005885 ,
	L0005886 , L0005887 , L0005888 , L0005889 , L0005890 , L0005891 , L0005892 , L0005893 ,
	L0005894 , L0005895 , L0005896 , L0005897 , L0005898 , L0005899 , L0005900 , L0005901 ,
	L0005902 , L0005903 , L0005904 , L0005905 , L0005906 , L0005907 , L0005908 , L0005909 ,
	L0005910 , L0005911 , L0005912 , L0005913 , L0005914 , L0005915 , L0005916 , L0005917 ,
	L0005918 , L0005919 , L0005920 , L0005921 , L0005922 ,

L0005923   , L0005924   , L0005925   ,

             L0005926   , L0005927   , L0005928   , L0005929   , L0005930   ,
L0005931   , L0005932   , L0005933   ,

             L0005934   , L0005935   , L0005936   , L0005937   , L0005938   ,
L0005939   , L0005940   , L0005941   ,

             L0005942   , L0005943   , L0005944   , L0005945   , L0005946   ,
L0005947   , L0005948   , L0005949   ,

             L0005950   , L0005951   , L0005952   , L0005953   , L0005954   ,
L0005955   , L0005956   , L0005957   ,

             L0005958   , L0005959   , L0005960   , L0005961   , L0005962   ,
L0005963   , L0005964   , L0005965   ,

             L0005966   , L0005967   , L0005968   , L0005969   , L0005970   ,
L0005971   , L0005972   , L0005973   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0005979   , L0005980   , L0005981   ,

             L0005982   , L0005983   , L0005984   , L0005985   , L0005986   ,
L0005987   , L0005988   , L0005989   ,

             L0005990   , L0005991   , L0005992   , L0005993   , L0005994   ,
L0005995   , L0005996   , L0005997   ,

             L0005998   , L0005999   , L0006000   , L0006001   , L0006002   ,
L0006003   , L0006004   , L0006005   ,

             L0006006   , L0006007   , L0006008   , L0006009   , L0006010   ,
L0006011   , L0006012   , L0006013   ,

             L0006014   , L0006015   , L0006016   , L0006017   , L0006018   ,

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L0006027    , L0006028    , L0006029    ,

  OCIDLE     OCIDLE      ,

  OCTRVL     L0005182    , L0005183    , L0005184    , L0005185    , L0005186    ,
L0005187    , L0005188    , L0005189    ,

             L0005190    , L0005191    , L0005192    , L0005193    , L0005194    ,
L0005195    , L0005196    , L0005197    ,

             L0005198    , L0005199    , L0005200    , L0005201    , L0005202    ,
L0005203    , L0005204    , L0005205    ,

             L0005206    , L0005207    , L0005208    , L0005209    , L0005210    ,
L0005211    , L0005212    , L0005213    ,

             L0005214    , L0005215    , L0005216    , L0005217    , L0005218    ,
L0005219    , L0005220    , L0005221    ,

             L0005222    , L0005223    , L0005224    , L0005225    , L0005226    ,
L0005227    , L0005228    , L0005229    ,

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             L0005246    , L0005247    , L0005248    , L0005249    , L0005250    ,
L0005251    , L0005252    , L0005253    ,

             L0005254    , L0005255    , L0005256    , L0005257    , L0005258    ,
L0005259    , L0005260    , L0005261    ,

             L0005262    , L0005263    , L0005264    , L0005265    , L0005266    ,
L0005267    , L0005268    , L0005269    ,

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L0005275    , L0005276    , L0005277    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005286 , L0005287 , L0005288 , L0005289 , L0005290 , L0005291 , L0005292 , L0005293 ,
	L0005294 , L0005295 , L0005296 , L0005297 , L0005298 , L0005299 , L0005300 , L0005301 ,
	L0005302 , L0005303 , L0005304 , L0005305 , L0005306 , L0005307 , L0005308 , L0005309 ,
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	L0005318 , L0005319 , L0005320 , L0005321 , L0005322 , L0005323 , L0005324 , L0005325 ,
	L0005326 , L0005327 , L0005328 , L0005329 , L0005330 , L0005331 , L0005332 , L0005333 ,
	L0005334 , L0005335 , L0005336 , L0005337 , L0005338 , L0005339 , L0005340 , L0005341 ,
	L0005342 , L0005343 , L0005344 , L0005345 , L0005346 , L0005347 , L0005348 , L0005349 ,
	L0005350 , L0005351 , L0005352 , L0005353 , L0005354 , L0005355 , L0005356 , L0005357 ,
	L0005358 , L0005359 , L0005360 , L0005361 , L0005362 , L0005363 , L0005364 , L0005365 ,
	L0005366 , L0005367 , L0005368 , L0005369 , L0005370 , L0005371 , L0005372 , L0005373 ,
	L0005374 , L0005375 , L0005376 , L0005377 , L0005378 , L0005379 , L0005380 , L0005381 ,
	L0005382 , L0005383 , L0005384 , L0005385 , L0005386 , L0005387 , L0005388 , L0005389 ,
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L0005395   , L0005396   , L0005397   ,

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L0005411   , L0005412   , L0005413   ,

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L0005427   , L0005428   , L0005429   ,

             L0005430   , L0005431   , L0005432   , L0005433   , L0005434   ,
L0005435   , L0005436   , L0005437   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0005446   , L0005447   , L0005448   , L0005449   , L0005450   ,
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             L0005454   , L0005455   , L0005456   , L0005457   , L0005458   ,
L0005459   , L0005460   , L0005461   ,

             L0005462   , L0005463   , L0005464   , L0005465   , L0005466   ,
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             L0005470   , L0005471   , L0005472   , L0005473   , L0005474   ,
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             L0005478   , L0005479   , L0005480   , L0005481   , L0005482   ,
L0005483   , L0005484   , L0005485   ,

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L0005531   , L0005532   , L0005533   ,

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L0005563   , L0005564   , L0005565   ,

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L0005587   , L0005588   , L0005589   ,

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L0005595   , L0005596   , L0005597   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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SPRNTRVL	L0003884 , L0003885 , L0003886 , L0003887 , L0003888 , L0003889 , L0003890 , L0003891 ,
	L0003892 , L0003893 , L0003894 , L0003895 , L0003896 , L0003897 , L0003898 , L0003899 ,
	L0003900 , L0003901 , L0003902 , L0003903 , L0003904 , L0003905 , L0003906 , L0003907 ,
	L0003908 , L0003909 , L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 ,
	L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 ,
	L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 ,
	L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , L0003938 , L0003939 ,
	L0003940 , L0003941 , L0003942 , L0003943 , L0003944 , L0003945 , L0003946 , L0003947 ,
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	L0003988 , L0003989 , L0003990 , L0003991 , L0003992 ,

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             L0004004   , L0004005   , L0004006   , L0004007   , L0004008   ,
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             L0004012   , L0004013   , L0004014   , L0004015   , L0004016   ,
L0004017   , L0004018   , L0004019   ,

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L0004025   , L0004026   , L0004027   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0004041   , L0004042   , L0004043   ,

             L0004044   , L0004045   , L0004046   , L0004047   , L0004048   ,
L0004049   , L0004050   , L0004051   ,

             L0004052   , L0004053   , L0004054   , L0004055   , L0004056   ,
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             L0004060   , L0004061   , L0004062   , L0004063   , L0004064   ,
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L0004073   , L0004074   , L0004075   ,

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L0004105    , L0004106    , L0004107    ,

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             L0004116    , L0004117    , L0004118    , L0004119    , L0004120    ,
L0004121    , L0004122    , L0004123    ,

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L0004137    , L0004138    , L0004139    ,

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L0003894    , L0003895    , L0003896    ,

             L0003897    , L0003898    , L0003899    , L0003900    , L0003901    ,
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L0003918    , L0003919    , L0003920    ,

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0004417 , L0004418 , L0004419 , L0004420 , L0004421 , L0004422 , L0004423 , L0004424 ,
	L0004425 , L0004426 , L0004427 , L0004428 , L0004429 , L0004430 , L0004431 , L0004432 ,
	L0004433 , L0004434 , L0004435 , L0004436 , L0004437 , L0004438 , L0004439 , L0004440 ,
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	L0004457 , L0004458 , L0004459 , L0004460 , L0004461 , L0004462 , L0004463 , L0004464 ,
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0004961 , L0004962 , L0004963 , L0004964 , L0004965 ,
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L0004969 , L0004970 , L0004971 , L0004972 , L0004973 ,
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L0004977 , L0004978 , L0004979 , L0004980 , L0004981 ,
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L0004985 , L0004986 , L0004987 , L0004988 , L0004989 ,
L0004990 , L0004991 , L0004992 ,

L0004993 , L0004994 , L0004995 , L0004996 , L0004997 ,
L0004998 , L0004999 , L0005000 ,

L0005001 , L0005002 , L0005003 , L0005004 , L0005005 ,
L0005006 , L0005007 , L0005008 ,

L0005009 , L0005010 , L0005011 , L0005012 , L0005013 ,
L0005014 , L0005015 , L0005016 ,

L0005017 , L0005018 , L0005019 , L0005020 , L0005021 ,
L0005022 , L0005023 , L0005024 ,

L0005025 , L0005026 , L0005027 , L0005028 , L0005029 ,
L0005030 , L0005031 , L0005032 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0005049 , L0005050 , L0005051 , L0005052 , L0005053 ,
L0005054 , L0005055 , L0005056 ,

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L0005062 , L0005063 , L0005064 ,

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L0005070 , L0005071 , L0005072 ,

L0005073 , L0005074 , L0005075 , L0005076 , L0005077 ,
L0005078 , L0005079 , L0005080 ,

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L0005086 , L0005087 , L0005088 ,

L0005089 , L0005090 , L0005091 , L0005092 , L0005093 ,
L0005094 , L0005095 , L0005096 ,

L0005097 , L0005098 , L0005099 , L0005100 , L0005101 ,
L0005102 , L0005103 , L0005104 ,

L0005105 , L0005106 , L0005107 , L0005108 , L0005109 ,
L0005110 , L0005111 , L0005112 ,

L0005113 , L0005114 , L0005115 , L0005116 , L0005117 ,
L0005118 , L0005119 , L0005120 ,

L0005121 , L0005122 , L0005123 , L0005124 , L0005125 ,
L0005126 , L0005127 , L0005128 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005215 , L0005216 , L0005217 , L0005218 , L0005219 , L0005220 , L0005221 , L0005222 ,

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L0005231 , L0005232 , L0005233 , L0005234 , L0005235 ,
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L0005271 , L0005272 , L0005273 , L0005274 , L0005275 ,
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L0005279 , L0005280 , L0005281 , L0005282 , L0005283 ,
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L0005292 , L0005293 , L0005294 ,

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L0005303 , L0005304 , L0005305 , L0005306 , L0005307 ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005383 , L0005384 , L0005385 , L0005386 , L0005387 , L0005388 , L0005389 , L0005390 ,
	L0005391 , L0005392 , L0005393 , L0005394 , L0005395 , L0005396 , L0005397 , L0005398 ,
	L0005399 , L0005400 , L0005401 , L0005402 , L0005403 , L0005404 , L0005405 , L0005406 ,
	L0005407 , L0005408 , L0005409 , L0005410 , L0005411 , L0005412 , L0005413 , L0005414 ,
	L0005415 , L0005416 , L0005417 , L0005418 , L0005419 , L0005420 , L0005421 , L0005422 ,
	L0005423 , L0005424 , L0005425 , L0005426 , L0005427 , L0005428 , L0005429 , L0005430 ,
	L0005431 , L0005432 , L0005433 , L0005434 , L0005435 , L0005436 , L0005437 , L0005438 ,
	L0005439 , L0005440 , L0005441 , L0005442 , L0005443 , L0005444 , L0005445 , L0005446 ,
	L0005447 , L0005448 , L0005449 , L0005450 , L0005451 , L0005452 , L0005453 , L0005454 ,

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L0005460    , L0005461    , L0005462    ,

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L0005468    , L0005469    , L0005470    ,

             L0005471    , L0005472    , L0005473    , L0005474    , L0005475    ,
L0005476    , L0005477    , L0005478    ,

             L0005479    , L0005480    , L0005481    , L0005482    , L0005483    ,
L0005484    , L0005485    , L0005486    ,

             L0005487    , L0005488    , L0005489    , L0005490    , L0005491    ,
L0005492    , L0005493    , L0005494    ,

             L0005495    , L0005496    , L0005497    , L0005498    , L0005499    ,
L0005500    , L0005501    , L0005502    ,

             L0005503    , L0005504    , L0005505    , L0005506    , L0005507    ,
L0005508    , L0005509    , L0005510    ,

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L0005516    , L0005517    , L0005518    ,

             L0005519    , L0005520    , L0005521    , L0005522    , L0005523    ,
L0005524    , L0005525    , L0005526    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                   PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                  SOURCE IDs
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             L0005527    , L0005528    , L0005529    , L0005530    , L0005531    ,
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L0005540    , L0005541    , L0005542    ,

             L0005543    , L0005544    , L0005545    , L0005546    , L0005547    ,
L0005548    , L0005549    , L0005550    ,
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L0005559 , L0005560 , L0005561 , L0005562 , L0005563 , L0005564 , L0005565 , L0005566 ,

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L0005679 , L0005680 , L0005681 , L0005682 , L0005683 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0005695 , L0005696 , L0005697 , L0005698 , L0005699 , L0005700 , L0005701 , L0005702 ,
	L0005703 , L0005704 , L0005705 , L0005706 , L0005707 , L0005708 , L0005709 , L0005710 ,
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	L0005727 , L0005728 , L0005729 , L0005730 , L0005731 , L0005732 , L0005733 , L0005734 ,
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	L0005767 , L0005768 , L0005769 , L0005770 , L0005771 , L0005772 , L0005773 , L0005774 ,
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L0005812   , L0005813   , L0005814   ,

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L0005828   , L0005829   , L0005830   ,

             L0005831   , L0005832   , L0005833   , L0005834   , L0005835   ,
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L0005844   , L0005845   , L0005846   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0005863   , L0005864   , L0005865   , L0005866   , L0005867   ,
L0005868   , L0005869   , L0005870   ,

             L0005871   , L0005872   , L0005873   , L0005874   , L0005875   ,

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L0005876    , L0005877    , L0005878    ,

             L0005879    , L0005880    , L0005881    , L0005882    , L0005883    ,
L0005884    , L0005885    , L0005886    ,

             L0005887    , L0005888    , L0005889    , L0005890    , L0005891    ,
L0005892    , L0005893    , L0005894    ,

             L0005895    , L0005896    , L0005897    , L0005898    , L0005899    ,
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L0005908    , L0005909    , L0005910    ,

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L0005916    , L0005917    , L0005918    ,

             L0005919    , L0005920    , L0005921    , L0005922    , L0005923    ,
L0005924    , L0005925    , L0005926    ,

             L0005927    , L0005928    , L0005929    , L0005930    , L0005931    ,
L0005932    , L0005933    , L0005934    ,

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L0005940    , L0005941    , L0005942    ,

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L0005948    , L0005949    , L0005950    ,

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L0005956    , L0005957    , L0005958    ,

             L0005959    , L0005960    , L0005961    , L0005962    , L0005963    ,
L0005964    , L0005965    , L0005966    ,

             L0005967    , L0005968    , L0005969    , L0005970    , L0005971    ,
L0005972    , L0005973    , L0005974    ,

             L0005975    , L0005976    , L0005977    , L0005978    , L0005979    ,
L0005980    , L0005981    , L0005982    ,

             L0005983    , L0005984    , L0005985    , L0005986    , L0005987    ,
L0005988    , L0005989    , L0005990    ,

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L0005996    , L0005997    , L0005998    ,

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L0006004    , L0006005    , L0006006    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID SOURCE IDs
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 L0006015 , L0006016 , L0006017 , L0006018 , L0006019 , L0006020 , L0006021 , L0006022 ,

 L0006023 , L0006024 , L0006025 , L0006026 , L0006027 , L0006028 , L0006029 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

 SOURCE ID: AMTKIDLE
  IFV BH BW BL XADJ YADJ IFV BH BW BL XADJ YADJ
    1 0.0, 0.0, 0.0, 0.0, 0.0, 2 0.0, 0.0, 0.0, 0.0, 0.0,
    3 0.0, 0.0, 0.0, 0.0, 0.0, 4 0.0, 0.0, 0.0, 0.0, 0.0,
    5 0.0, 0.0, 0.0, 0.0, 0.0, 6 0.0, 0.0, 0.0, 0.0, 0.0,
    7 0.0, 0.0, 0.0, 0.0, 0.0, 8 0.0, 0.0, 0.0, 0.0, 0.0,
    9 0.0, 0.0, 0.0, 0.0, 0.0, 10 0.0, 0.0, 0.0, 0.0, 0.0,
   11 0.0, 0.0, 0.0, 0.0, 0.0, 12 0.0, 0.0, 0.0, 0.0, 0.0,
   13 0.0, 0.0, 0.0, 0.0, 0.0, 14 0.0, 0.0, 0.0, 0.0,

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  0.0,
  15    0.0,    0.0,    0.0,    0.0,    0.0,     16    6.1,   71.0,  120.9, -129.7,
 19.8,
  17    6.1,   87.8,  120.8, -131.7,    7.5,     18    6.1,  101.9,  116.9, -129.8,
 -5.1,
  19    6.1,  112.9,  109.5, -123.9,  -17.4,     20    6.1,  120.4,   98.8, -114.2,
-29.3,
  21    6.1,  124.3,   85.1, -101.1,  -40.2,     22    6.1,  124.5,   68.8,  -84.8,
-49.9,
  23    6.1,  120.8,   50.4,  -66.1,  -58.2,     24    0.0,    0.0,    0.0,    0.0,
  0.0,
  25    0.0,    0.0,    0.0,    0.0,    0.0,     26    0.0,    0.0,    0.0,    0.0,
  0.0,
  27    0.0,    0.0,    0.0,    0.0,    0.0,     28    0.0,    0.0,    0.0,    0.0,
  0.0,
  29    0.0,    0.0,    0.0,    0.0,    0.0,     30    0.0,    0.0,    0.0,    0.0,
  0.0,
  31    0.0,    0.0,    0.0,    0.0,    0.0,     32    0.0,    0.0,    0.0,    0.0,
  0.0,
  33    0.0,    0.0,    0.0,    0.0,    0.0,     34    6.1,   71.0,  120.9,    8.8,
-19.8,
  35    6.1,   87.8,  120.8,   11.0,   -7.5,     36    0.0,    0.0,    0.0,    0.0,
  0.0,


SOURCE ID: COASIDLE
 IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
 YADJ
   1    0.0,    0.0,    0.0,    0.0,    0.0,      2    0.0,    0.0,    0.0,    0.0,
  0.0,
   3    0.0,    0.0,    0.0,    0.0,    0.0,      4    0.0,    0.0,    0.0,    0.0,
  0.0,
   5    0.0,    0.0,    0.0,    0.0,    0.0,      6    0.0,    0.0,    0.0,    0.0,
  0.0,
   7    0.0,    0.0,    0.0,    0.0,    0.0,      8    0.0,    0.0,    0.0,    0.0,
  0.0,
   9    0.0,    0.0,    0.0,    0.0,    0.0,     10    0.0,    0.0,    0.0,    0.0,
  0.0,
  11    0.0,    0.0,    0.0,    0.0,    0.0,     12    0.0,    0.0,    0.0,    0.0,
  0.0,
  13    0.0,    0.0,    0.0,    0.0,    0.0,     14    0.0,    0.0,    0.0,    0.0,
  0.0,
  15    0.0,    0.0,    0.0,    0.0,    0.0,     16    6.1,   71.0,  120.9, -129.3,
 19.7,
  17    6.1,   87.8,  120.8, -131.4,    7.5,     18    6.1,  101.9,  116.9, -129.4,
 -5.0,
  19    6.1,  112.9,  109.5, -123.5,  -17.3,     20    6.1,  120.4,   98.8, -113.9,
-29.1,
  21    6.1,  124.3,   85.1, -100.8,  -40.0,     22    6.1,  124.5,   68.8,  -84.6,
-49.6,
```

```
  23    6.1,  120.8,   50.4,  -65.9,  -57.8,     24    0.0,    0.0,    0.0,    0.0,
  0.0,
  25    0.0,    0.0,    0.0,    0.0,    0.0,     26    0.0,    0.0,    0.0,    0.0,
  0.0,
  27    0.0,    0.0,    0.0,    0.0,    0.0,     28    0.0,    0.0,    0.0,    0.0,
  0.0,
  29    0.0,    0.0,    0.0,    0.0,    0.0,     30    0.0,    0.0,    0.0,    0.0,
  0.0,
  31    0.0,    0.0,    0.0,    0.0,    0.0,     32    0.0,    0.0,    0.0,    0.0,
  0.0,
  33    0.0,    0.0,    0.0,    0.0,    0.0,     34    6.1,   71.0,  120.9,    8.4,
-19.7,
  35    6.1,   87.8,  120.8,   10.6,   -7.5,     36    0.0,    0.0,    0.0,    0.0,
  0.0,


SOURCE ID: OCIDLE
 IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
 YADJ
   1    0.0,    0.0,    0.0,    0.0,    0.0,      2    0.0,    0.0,    0.0,    0.0,
  0.0,
   3    0.0,    0.0,    0.0,    0.0,    0.0,      4    0.0,    0.0,    0.0,    0.0,
  0.0,
   5    0.0,    0.0,    0.0,    0.0,    0.0,      6    0.0,    0.0,    0.0,    0.0,
  0.0,
   7    0.0,    0.0,    0.0,    0.0,    0.0,      8    0.0,    0.0,    0.0,    0.0,
  0.0,
   9    0.0,    0.0,    0.0,    0.0,    0.0,     10    0.0,    0.0,    0.0,    0.0,
  0.0,
  11    0.0,    0.0,    0.0,    0.0,    0.0,     12    0.0,    0.0,    0.0,    0.0,
  0.0,
  13    0.0,    0.0,    0.0,    0.0,    0.0,     14    0.0,    0.0,    0.0,    0.0,
  0.0,
  15    0.0,    0.0,    0.0,    0.0,    0.0,     16    6.1,   71.0,  120.9, -129.3,
 19.7,
  17    6.1,   87.8,  120.8, -131.4,    7.5,     18    6.1,  101.9,  116.9, -129.4,
 -5.0,
  19    6.1,  112.9,  109.5, -123.5,  -17.3,     20    6.1,  120.4,   98.8, -113.9,
-29.1,
  21    6.1,  124.3,   85.1, -100.8,  -40.0,     22    6.1,  124.5,   68.8,  -84.6,
-49.6,
  23    6.1,  120.8,   50.4,  -65.9,  -57.8,     24    0.0,    0.0,    0.0,    0.0,
  0.0,
  25    0.0,    0.0,    0.0,    0.0,    0.0,     26    0.0,    0.0,    0.0,    0.0,
  0.0,
  27    0.0,    0.0,    0.0,    0.0,    0.0,     28    0.0,    0.0,    0.0,    0.0,
  0.0,
  29    0.0,    0.0,    0.0,    0.0,    0.0,     30    0.0,    0.0,    0.0,    0.0,
  0.0,
  31    0.0,    0.0,    0.0,    0.0,    0.0,     32    0.0,    0.0,    0.0,    0.0,
```

```
  0.0,
  33    0.0,    0.0,    0.0,    0.0,    0.0,     34    6.1,   71.0,  120.9,    8.4,
-19.7,
  35    6.1,   87.8,  120.8,   10.6,   -7.5,     36    0.0,    0.0,    0.0,    0.0,
  0.0,


 SOURCE ID: INLDIDLE
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
  YADJ
    1    0.0,    0.0,    0.0,    0.0,    0.0,      2    0.0,    0.0,    0.0,    0.0,
  0.0,
    3    0.0,    0.0,    0.0,    0.0,    0.0,      4    0.0,    0.0,    0.0,    0.0,
  0.0,
    5    0.0,    0.0,    0.0,    0.0,    0.0,      6    0.0,    0.0,    0.0,    0.0,
  0.0,
    7    0.0,    0.0,    0.0,    0.0,    0.0,      8    0.0,    0.0,    0.0,    0.0,
  0.0,
    9    0.0,    0.0,    0.0,    0.0,    0.0,     10    0.0,    0.0,    0.0,    0.0,
  0.0,
   11    0.0,    0.0,    0.0,    0.0,    0.0,     12    0.0,    0.0,    0.0,    0.0,
  0.0,
   13    0.0,    0.0,    0.0,    0.0,    0.0,     14    0.0,    0.0,    0.0,    0.0,
  0.0,
   15    0.0,    0.0,    0.0,    0.0,    0.0,     16    6.1,   71.0,  120.9, -129.3,
 19.7,
   17    6.1,   87.8,  120.8, -131.4,    7.5,     18    6.1,  101.9,  116.9, -129.4,
 -5.0,
   19    6.1,  112.9,  109.5, -123.5,  -17.3,     20    6.1,  120.4,   98.8, -113.9,
-29.1,
   21    6.1,  124.3,   85.1, -100.8,  -40.0,     22    6.1,  124.5,   68.8,  -84.6,
-49.6,
   23    6.1,  120.8,   50.4,  -65.9,  -57.8,     24    0.0,    0.0,    0.0,    0.0,
  0.0,
   25    0.0,    0.0,    0.0,    0.0,    0.0,     26    0.0,    0.0,    0.0,    0.0,
  0.0,
   27    0.0,    0.0,    0.0,    0.0,    0.0,     28    0.0,    0.0,    0.0,    0.0,
  0.0,
   29    0.0,    0.0,    0.0,    0.0,    0.0,     30    0.0,    0.0,    0.0,    0.0,
  0.0,
   31    0.0,    0.0,    0.0,    0.0,    0.0,     32    0.0,    0.0,    0.0,    0.0,
  0.0,
   33    0.0,    0.0,    0.0,    0.0,    0.0,     34    6.1,   71.0,  120.9,    8.4,
-19.7,
   35    6.1,   87.8,  120.8,   10.6,   -7.5,     36    0.0,    0.0,    0.0,    0.0,
  0.0,

↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(464358.9, 3672919.4, 13.6, 13.6, 0.0); (464368.9, 3672919.4, 13.6, 13.6, 0.0);
(464378.9, 3672919.4, 13.6, 13.6, 0.0); (464358.9, 3672929.4, 13.6, 13.6, 0.0);
(464368.9, 3672929.4, 13.7, 13.7, 0.0); (464378.9, 3672929.4, 13.8, 13.8, 0.0);
(464388.9, 3672929.4, 13.9, 13.9, 0.0); (464348.9, 3672939.4, 13.6, 13.6, 0.0);
(464358.9, 3672939.4, 13.7, 13.7, 0.0); (464368.9, 3672939.4, 13.8, 13.8, 0.0);
(464378.9, 3672939.4, 13.9, 13.9, 0.0); (464388.9, 3672939.4, 14.1, 14.1, 0.0);
(464338.9, 3672949.4, 13.6, 13.6, 0.0); (464348.9, 3672949.4, 13.7, 13.7, 0.0);
(464358.9, 3672949.4, 13.7, 13.7, 0.0); (464368.9, 3672949.4, 13.9, 13.9, 0.0);
(464378.9, 3672949.4, 14.1, 14.1, 0.0); (464338.9, 3672959.4, 13.6, 13.6, 0.0);
(464348.9, 3672959.4, 13.7, 13.7, 0.0); (464358.9, 3672959.4, 13.8, 13.8, 0.0);
(464368.9, 3672959.4, 14.0, 14.0, 0.0); (464378.9, 3672959.4, 14.2, 14.2, 0.0);
(464328.9, 3672969.4, 13.6, 13.6, 0.0); (464338.9, 3672969.4, 13.7, 13.7, 0.0);
(464348.9, 3672969.4, 13.7, 13.7, 0.0); (464358.9, 3672969.4, 13.8, 13.8, 0.0);
(464368.9, 3672969.4, 14.0, 14.0, 0.0); (464318.9, 3672979.4, 13.6, 13.6, 0.0);
(464328.9, 3672979.4, 13.6, 13.6, 0.0); (464338.9, 3672979.4, 13.7, 13.7, 0.0);
(464348.9, 3672979.4, 13.8, 13.8, 0.0); (464358.9, 3672979.4, 13.9, 13.9, 0.0);
(464328.9, 3672989.4, 13.5, 13.5, 0.0); (464338.9, 3672989.4, 13.6, 13.6, 0.0);
(464348.9, 3672989.4, 13.8, 13.8, 0.0); (464348.9, 3672999.4, 13.7, 13.7, 0.0);
(464298.9, 3673009.4, 13.7, 13.7, 0.0); (464288.9, 3673019.4, 13.7, 13.7, 0.0);
(464298.9, 3673019.4, 13.8, 13.8, 0.0); (464308.9, 3673019.4, 13.9, 13.9, 0.0);
(464318.9, 3673019.4, 13.4, 13.4, 0.0); (464288.9,

```
3673029.4,      13.7,      13.7,       0.0);
     ( 464298.9, 3673029.4,      13.8,      13.8,       0.0);         ( 464308.9,
3673029.4,      13.9,      13.9,       0.0);
     ( 464318.9, 3673029.4,      13.6,      13.6,       0.0);         ( 464328.9,
3673029.4,      13.4,      13.4,       0.0);
     ( 464278.9, 3673039.4,      13.6,      13.6,       0.0);         ( 464288.9,
3673039.4,      13.7,      13.7,       0.0);
     ( 464298.9, 3673039.4,      13.8,      13.8,       0.0);         ( 464308.9,
3673039.4,      14.0,      14.0,       0.0);
     ( 464318.9, 3673039.4,      13.9,      13.9,       0.0);         ( 464268.9,
3673049.4,      13.6,      13.6,       0.0);
     ( 464278.9, 3673049.4,      13.7,      13.7,       0.0);         ( 464288.9,
3673049.4,      13.8,      13.8,       0.0);
     ( 464298.9, 3673049.4,      13.9,      13.9,       0.0);         ( 464308.9,
3673049.4,      14.0,      14.0,       0.0);
     ( 464258.9, 3673059.4,      13.7,      13.7,       0.0);         ( 464268.9,
3673059.4,      13.7,      13.7,       0.0);
     ( 464278.9, 3673059.4,      13.7,      13.7,       0.0);         ( 464288.9,
3673059.4,      13.9,      13.9,       0.0);
     ( 464298.9, 3673059.4,      14.0,      14.0,       0.0);         ( 464258.9,
3673069.4,      13.7,      13.7,       0.0);
     ( 464268.9, 3673069.4,      13.8,      13.8,       0.0);         ( 464278.9,
3673069.4,      13.8,      13.8,       0.0);
     ( 464288.9, 3673069.4,      14.0,      14.0,       0.0);         ( 464298.9,
3673069.4,      14.1,      14.1,       0.0);
     ( 464268.9, 3673079.4,      13.8,      13.8,       0.0);         ( 464278.9,
3673079.4,      13.9,      13.9,       0.0);
     ( 464288.9, 3673079.4,      14.0,      14.0,       0.0);         ( 464278.9,
3673089.4,      13.8,      13.8,       0.0);
     ( 464358.9, 3672919.4,      13.6,      13.6,      10.0);         ( 464368.9,
3672919.4,      13.6,      13.6,      10.0);
     ( 464378.9, 3672919.4,      13.6,      13.6,      10.0);         ( 464358.9,
3672929.4,      13.6,      13.6,      10.0);
     ( 464368.9, 3672929.4,      13.7,      13.7,      10.0);         ( 464378.9,
3672929.4,      13.8,      13.8,      10.0);
     ( 464388.9, 3672929.4,      13.9,      13.9,      10.0);         ( 464348.9,
3672939.4,      13.6,      13.6,      10.0);
     ( 464358.9, 3672939.4,      13.7,      13.7,      10.0);         ( 464368.9,
3672939.4,      13.8,      13.8,      10.0);
     ( 464378.9, 3672939.4,      13.9,      13.9,      10.0);         ( 464388.9,
3672939.4,      14.1,      14.1,      10.0);
     ( 464338.9, 3672949.4,      13.6,      13.6,      10.0);         ( 464348.9,
3672949.4,      13.7,      13.7,      10.0);
     ( 464358.9, 3672949.4,      13.7,      13.7,      10.0);         ( 464368.9,
3672949.4,      13.9,      13.9,      10.0);
     ( 464378.9, 3672949.4,      14.1,      14.1,      10.0);         ( 464338.9,
3672959.4,      13.6,      13.6,      10.0);
     ( 464348.9, 3672959.4,      13.7,      13.7,      10.0);         ( 464358.9,
3672959.4,      13.8,      13.8,      10.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(464368.9, 3672959.4, 14.0, 14.0, 10.0); (464378.9, 3672959.4, 14.2, 14.2, 10.0);
(464328.9, 3672969.4, 13.6, 13.6, 10.0); (464338.9, 3672969.4, 13.7, 13.7, 10.0);
(464348.9, 3672969.4, 13.7, 13.7, 10.0); (464358.9, 3672969.4, 13.8, 13.8, 10.0);
(464368.9, 3672969.4, 14.0, 14.0, 10.0); (464318.9, 3672979.4, 13.6, 13.6, 10.0);
(464328.9, 3672979.4, 13.6, 13.6, 10.0); (464338.9, 3672979.4, 13.7, 13.7, 10.0);
(464348.9, 3672979.4, 13.8, 13.8, 10.0); (464358.9, 3672979.4, 13.9, 13.9, 10.0);
(464328.9, 3672989.4, 13.5, 13.5, 10.0); (464338.9, 3672989.4, 13.6, 13.6, 10.0);
(464348.9, 3672989.4, 13.8, 13.8, 10.0); (464348.9, 3672999.4, 13.7, 13.7, 10.0);
(464298.9, 3673009.4, 13.7, 13.7, 10.0); (464288.9, 3673019.4, 13.7, 13.7, 10.0);
(464298.9, 3673019.4, 13.8, 13.8, 10.0); (464308.9, 3673019.4, 13.9, 13.9, 10.0);
(464318.9, 3673019.4, 13.4, 13.4, 10.0); (464288.9, 3673029.4, 13.7, 13.7, 10.0);
(464298.9, 3673029.4, 13.8, 13.8, 10.0); (464308.9, 3673029.4, 13.9, 13.9, 10.0);
(464318.9, 3673029.4, 13.6, 13.6, 10.0); (464328.9, 3673029.4, 13.4, 13.4, 10.0);
(464278.9, 3673039.4, 13.6, 13.6, 10.0); (464288.9, 3673039.4, 13.7, 13.7, 10.0);
(464298.9, 3673039.4, 13.8, 13.8, 10.0); (464308.9, 3673039.4, 14.0, 14.0, 10.0);
(464318.9, 3673039.4, 13.9, 13.9, 10.0); (464268.9, 3673049.4, 13.6, 13.6, 10.0);
(464278.9, 3673049.4, 13.7, 13.7, 10.0); (464288.9, 3673049.4, 13.8, 13.8, 10.0);
(464298.9, 3673049.4, 13.9, 13.9, 10.0); (464308.9, 3673049.4, 14.0, 14.0, 10.0);
(464258.9, 3673059.4, 13.7, 13.7, 10.0); (464268.9, 3673059.4, 13.7, 13.7, 10.0);
(464278.9, 3673059.4, 13.7, 13.7, 10.0); (464288.9,

```
3673059.4,      13.9,      13.9,      10.0);
     ( 464298.9, 3673059.4,      14.0,      14.0,      10.0);         ( 464258.9,
3673069.4,      13.7,      13.7,      10.0);
     ( 464268.9, 3673069.4,      13.8,      13.8,      10.0);         ( 464278.9,
3673069.4,      13.8,      13.8,      10.0);
     ( 464288.9, 3673069.4,      14.0,      14.0,      10.0);         ( 464298.9,
3673069.4,      14.1,      14.1,      10.0);
     ( 464268.9, 3673079.4,      13.8,      13.8,      10.0);         ( 464278.9,
3673079.4,      13.9,      13.9,      10.0);
     ( 464288.9, 3673079.4,      14.0,      14.0,      10.0);         ( 464278.9,
3673089.4,      13.8,      13.8,      10.0);
     ( 464358.9, 3672919.4,      13.6,      13.6,      20.0);         ( 464368.9,
3672919.4,      13.6,      13.6,      20.0);
     ( 464378.9, 3672919.4,      13.6,      13.6,      20.0);         ( 464358.9,
3672929.4,      13.6,      13.6,      20.0);
     ( 464368.9, 3672929.4,      13.7,      13.7,      20.0);         ( 464378.9,
3672929.4,      13.8,      13.8,      20.0);
     ( 464388.9, 3672929.4,      13.9,      13.9,      20.0);         ( 464348.9,
3672939.4,      13.6,      13.6,      20.0);
     ( 464358.9, 3672939.4,      13.7,      13.7,      20.0);         ( 464368.9,
3672939.4,      13.8,      13.8,      20.0);
     ( 464378.9, 3672939.4,      13.9,      13.9,      20.0);         ( 464388.9,
3672939.4,      14.1,      14.1,      20.0);
     ( 464338.9, 3672949.4,      13.6,      13.6,      20.0);         ( 464348.9,
3672949.4,      13.7,      13.7,      20.0);
     ( 464358.9, 3672949.4,      13.7,      13.7,      20.0);         ( 464368.9,
3672949.4,      13.9,      13.9,      20.0);
     ( 464378.9, 3672949.4,      14.1,      14.1,      20.0);         ( 464338.9,
3672959.4,      13.6,      13.6,      20.0);
     ( 464348.9, 3672959.4,      13.7,      13.7,      20.0);         ( 464358.9,
3672959.4,      13.8,      13.8,      20.0);
     ( 464368.9, 3672959.4,      14.0,      14.0,      20.0);         ( 464378.9,
3672959.4,      14.2,      14.2,      20.0);
     ( 464328.9, 3672969.4,      13.6,      13.6,      20.0);         ( 464338.9,
3672969.4,      13.7,      13.7,      20.0);
     ( 464348.9, 3672969.4,      13.7,      13.7,      20.0);         ( 464358.9,
3672969.4,      13.8,      13.8,      20.0);
     ( 464368.9, 3672969.4,      14.0,      14.0,      20.0);         ( 464318.9,
3672979.4,      13.6,      13.6,      20.0);
     ( 464328.9, 3672979.4,      13.6,      13.6,      20.0);         ( 464338.9,
3672979.4,      13.7,      13.7,      20.0);
     ( 464348.9, 3672979.4,      13.8,      13.8,      20.0);         ( 464358.9,
3672979.4,      13.9,      13.9,      20.0);
     ( 464328.9, 3672989.4,      13.5,      13.5,      20.0);         ( 464338.9,
3672989.4,      13.6,      13.6,      20.0);
     ( 464348.9, 3672989.4,      13.8,      13.8,      20.0);         ( 464348.9,
3672999.4,      13.7,      13.7,      20.0);
     ( 464298.9, 3673009.4,      13.7,      13.7,      20.0);         ( 464288.9,
3673019.4,      13.7,      13.7,      20.0);
     ( 464298.9, 3673019.4,      13.8,      13.8,      20.0);         ( 464308.9,
```

3673019.4,   13.9,   13.9,   20.0);

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

     (464318.9, 3673019.4,   13.4,   13.4,   20.0);   (464288.9, 3673029.4,   13.7,   13.7,   20.0);
     (464298.9, 3673029.4,   13.8,   13.8,   20.0);   (464308.9, 3673029.4,   13.9,   13.9,   20.0);
     (464318.9, 3673029.4,   13.6,   13.6,   20.0);   (464328.9, 3673029.4,   13.4,   13.4,   20.0);
     (464278.9, 3673039.4,   13.6,   13.6,   20.0);   (464288.9, 3673039.4,   13.7,   13.7,   20.0);
     (464298.9, 3673039.4,   13.8,   13.8,   20.0);   (464308.9, 3673039.4,   14.0,   14.0,   20.0);
     (464318.9, 3673039.4,   13.9,   13.9,   20.0);   (464268.9, 3673049.4,   13.6,   13.6,   20.0);
     (464278.9, 3673049.4,   13.7,   13.7,   20.0);   (464288.9, 3673049.4,   13.8,   13.8,   20.0);
     (464298.9, 3673049.4,   13.9,   13.9,   20.0);   (464308.9, 3673049.4,   14.0,   14.0,   20.0);
     (464258.9, 3673059.4,   13.7,   13.7,   20.0);   (464268.9, 3673059.4,   13.7,   13.7,   20.0);
     (464278.9, 3673059.4,   13.7,   13.7,   20.0);   (464288.9, 3673059.4,   13.9,   13.9,   20.0);
     (464298.9, 3673059.4,   14.0,   14.0,   20.0);   (464258.9, 3673069.4,   13.7,   13.7,   20.0);
     (464268.9, 3673069.4,   13.8,   13.8,   20.0);   (464278.9, 3673069.4,   13.8,   13.8,   20.0);
     (464288.9, 3673069.4,   14.0,   14.0,   20.0);   (464298.9, 3673069.4,   14.1,   14.1,   20.0);
     (464268.9, 3673079.4,   13.8,   13.8,   20.0);   (464278.9, 3673079.4,   13.9,   13.9,   20.0);
     (464288.9, 3673079.4,   14.0,   14.0,   20.0);   (464278.9, 3673089.4,   13.8,   13.8,   20.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

Surface file: Met\CMP_2019-2021_v22112.SFC
Met Version: 22112
Profile file: Met\CMP_2019-2021_v22112.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3177 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2019 Year: 2019

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
19	01	01	1	01	-15.3	0.134	-9.000	-9.000	-999.	118.	14.3	0.03	0.36	1.00	3.17	66.	10.0	280.5	10.0
19	01	01	1	02	-9.7	0.094	-9.000	-9.000	-999.	69.	7.7	0.03	0.36	1.00	2.77	58.	10.0	279.9	10.0
19	01	01	1	03	-10.9	0.099	-9.000	-9.000	-999.	75.	8.1	0.03	0.36	1.00	2.95	69.	10.0	279.8	10.0
19	01	01	1	04	-11.4	0.101	-9.000	-9.000	-999.	78.	8.3	0.03	0.36	1.00	3.00	50.	10.0	280.1	10.0
19	01	01	1	05	-22.9	0.202	-9.000	-9.000	-999.	217.	32.3	0.03	0.36	1.00	3.76	22.	10.0	280.9	10.0
19	01	01	1	06	-17.7	0.156	-9.000	-9.000	-999.	148.	19.2	0.03	0.36	1.00	3.31	48.	10.0	280.8	10.0
19	01	01	1	07	-32.5	0.286	-9.000	-9.000	-999.	368.	65.3	0.03	0.36	1.00	4.78	21.	10.0	281.5	10.0
19	01	01	1	08	-34.8	0.456	-9.000	-9.000	-999.	738.	246.7	0.03	0.36	0.48	6.97	35.	10.0	283.2	10.0
19	01	01	1	09	17.8	0.438	0.358	0.005	94.	697.	-430.4	0.03	0.36	0.26	6.39	39.	10.0	284.0	10.0
19	01	01	1	10	44.6	0.397	0.625	0.005	198.	601.	-126.9	0.03	0.36	0.19	5.63	30.	10.0	285.2	10.0
19	01	01	1	11	63.2	0.373	0.779	0.005	272.	548.	-74.6	0.03	0.36	0.17	5.19	30.	10.0	286.5	10.0
19	01	01	1	12	72.1	0.403	1.118	0.005	703.	614.	-82.3	0.03	0.36	0.16	5.63	33.	10.0	287.4	10.0
19	01	01	1	13	71.1	0.307	1.170	0.005	816.	413.	-36.8	0.03	0.36	0.16	4.11	41.	10.0	288.0	10.0
19	01	01	1	14	60.1	0.313	1.133	0.005	876.	421.	-46.3	0.03	0.36	0.17	4.25	31.	10.0	288.4	10.0
19	01	01	1	15	39.7	0.250	1.000	0.005	914.	302.	-35.9	0.03	0.36	0.20	3.35	54.	10.0	288.8	10.0
19	01	01	1	16	11.5	0.188	0.664	0.005	924.	197.	-52.6	0.03	0.36	0.30	2.59	67.	10.0	288.5	10.0
19	01	01	1	17	-3.1	0.054	-9.000	-9.000	-999.	53.	4.8	0.03	0.36	0.57	1.61	54.	10.0	287.9	10.0
19	01	01	1	18	-1.8	0.041	-9.000	-9.000	-999.	20.	3.4	0.03	0.36	1.00	1.21	44.	10.0	286.3	10.0
19	01	01	1	19	-7.6	0.083	-9.000	-9.000	-999.	58.	6.9	0.03	0.36	1.00	2.46	5.	10.0	284.3	10.0
19	01	01	1	20	-19.9	0.176	-9.000	-9.000	-999.	178.	25.0	0.03	0.36						

```
1.00    3.49   35.   10.0  283.4   10.0
 19 01 01   1 21  -24.2  0.214 -9.000 -9.000 -999.  237.     36.6  0.03   0.36
1.00    3.89   55.   10.0  282.9   10.0
 19 01 01   1 22  -28.4  0.249 -9.000 -9.000 -999.  299.     49.7  0.03   0.36
1.00    4.34   71.   10.0  281.9   10.0
 19 01 01   1 23  -28.1  0.245 -9.000 -9.000 -999.  291.     47.6  0.03   0.36
1.00    4.29   72.   10.0  279.8   10.0
 19 01 01   1 24  -28.6  0.249 -9.000 -9.000 -999.  298.     49.1  0.03   0.36
1.00    4.34   64.   10.0  279.5   10.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 19 01 01 01   10.0 1   66.    3.17   280.6   11.0  -99.00    0.60

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AMTKIDLE ***
                                  INCLUDING SOURCE(S):     AMTKIDLE    ,

                                            *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         464358.91    3672919.41        0.75964                      464368.91
3672919.41        0.80615
         464378.91    3672919.41        0.86779                      464358.91
3672929.41        0.75512
         464368.91    3672929.41        0.80627                      464378.91
3672929.41        0.87626
         464388.91    3672929.41        0.97881                      464348.91
3672939.41        0.70932
         464358.91    3672939.41        0.75234                      464368.91
3672939.41        0.81040
         464378.91    3672939.41        0.89138                      464388.91
3672939.41        1.00978
```

```
         464338.91    3672949.41        0.66860                    464348.91
3672949.41        0.70492
         464358.91    3672949.41        0.75202                    464368.91
3672949.41        0.81845
         464378.91    3672949.41        0.91264                    464338.91
3672959.41        0.66315
         464348.91    3672959.41        0.70260                    464358.91
3672959.41        0.75499
         464368.91    3672959.41        0.83063                    464378.91
3672959.41        0.93870
         464328.91    3672969.41        0.62658                    464338.91
3672969.41        0.65934
         464348.91    3672969.41        0.70247                    464358.91
3672969.41        0.76164
         464368.91    3672969.41        0.84753                    464318.91
3672979.41        0.59435
         464328.91    3672979.41        0.62183                    464338.91
3672979.41        0.65744
         464348.91    3672979.41        0.70572                    464358.91
3672979.41        0.77282
         464328.91    3672989.41        0.61660                    464338.91
3672989.41        0.65561
         464348.91    3672989.41        0.71166                    464348.91
3672999.41        0.72034
         464298.91    3673009.41        0.53553                    464288.91
3673019.41        0.51134
         464298.91    3673019.41        0.53145                    464308.91
3673019.41        0.55557
         464318.91    3673019.41        0.57703                    464288.91
3673029.41        0.50625
         464298.91    3673029.41        0.52779                    464308.91
3673029.41        0.55447
         464318.91    3673029.41        0.58307                    464328.91
3673029.41        0.62341
         464278.91    3673039.41        0.48343                    464288.91
3673039.41        0.50203
         464298.91    3673039.41        0.52539                    464308.91
3673039.41        0.55518
         464318.91    3673039.41        0.59186                    464268.91
3673049.41        0.46368
         464278.91    3673049.41        0.47925                    464288.91
3673049.41        0.49928
         464298.91    3673049.41        0.52478                    464308.91
3673049.41        0.55814
         464258.91    3673059.41        0.44581                    464268.91
3673059.41        0.46014
         464278.91    3673059.41        0.47700                    464288.91
3673059.41        0.49875
         464298.91    3673059.41        0.52714                    464258.91
3673069.41        0.44216
```

         464378.91   3672939.41   1.64880   464388.91
3672939.41   1.81645
         464338.91   3672949.41   1.28135   464348.91
3672949.41   1.34673
         464358.91   3672949.41   1.42590   464368.91
3672949.41   1.53426
         464378.91   3672949.41   1.67420   464338.91
3672959.41   1.27169
         464348.91   3672959.41   1.34107   464358.91
3672959.41   1.42548

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        464368.91    3672959.41        1.54391                    464378.91
3672959.41        1.69786
        464328.91    3672969.41        1.20660                    464338.91
3672969.41        1.26462
        464348.91    3672969.41        1.33699                    464358.91
3672969.41        1.42846
        464368.91    3672969.41        1.55577                    464318.91
3672979.41        1.14988
        464328.91    3672979.41        1.19857                    464338.91
3672979.41        1.25958
        464348.91    3672979.41        1.33763                    464358.91
3672979.41        1.43616
        464328.91    3672989.41        1.18293                    464338.91
3672989.41        1.24622
        464348.91    3672989.41        1.33755                    464348.91
3672999.41        1.33525
        464298.91    3673009.41        1.05318                    464288.91
3673019.41        1.00937
        464298.91    3673019.41        1.04957                    464308.91
3673019.41        1.09445
        464318.91    3673019.41        1.10346                    464288.91
3673029.41        1.00147
        464298.91    3673029.41        1.04450                    464308.91
3673029.41        1.09398
        464318.91    3673029.41        1.12358                    464328.91
3673029.41        1.16585
        464278.91    3673039.41        0.95762                    464288.91
3673039.41        0.99494
        464298.91    3673039.41        1.04112                    464308.91
3673039.41        1.09559
        464318.91    3673039.41        1.14759                    464268.91
3673049.41        0.92260
        464278.91    3673049.41        0.95192                    464288.91
3673049.41        0.99200
        464298.91    3673049.41        1.04102                    464308.91
3673049.41        1.10020
        464258.91    3673059.41        0.89158                    464268.91
3673059.41        0.92030
        464278.91    3673059.41        0.95286                    464288.91
3673059.41        0.99559
        464298.91    3673059.41        1.04896                    464258.91
3673069.41        0.88871
        464268.91    3673069.41        0.91907                    464278.91
3673069.41        0.95445
        464288.91    3673069.41        1.00083                    464298.91
3673069.41        1.05820
        464268.91    3673079.41        0.91896                    464278.91
3673079.41        0.95670
        464288.91    3673079.41        1.00627                    464278.91
3673089.41        0.94985
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         464358.91   3672919.41   5.62061   464368.91
3672919.41   5.83929
         464378.91   3672919.41   6.08152   464358.91
3672929.41   5.52719
         464368.91   3672929.41   5.74364   464378.91
3672929.41   5.99218
         464388.91   3672929.41   6.28459   464348.91
3672939.41   5.24157
         464358.91   3672939.41   5.43678   464368.91
3672939.41   5.66001
         464378.91   3672939.41   5.91669   464388.91
3672939.41   6.21386
         464338.91   3672949.41   4.98114   464348.91
3672949.41   5.15737
         464358.91   3672949.41   5.35567   464368.91
3672949.41   5.58731
         464378.91   3672949.41   5.85074   464338.91
3672959.41   4.90263
         464348.91   3672959.41   5.08213   464358.91
3672959.41   5.28665
♠ *** AERMOD - VERSION 23132 ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***   04/24/24
 *** AERMET - VERSION 22112 ***   *** Oceanside Blocks 5 & 20 Operations
                      ***   16:29:24

                                   PAGE 93
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AMTKIDLE ***
                                   INCLUDING SOURCE(S):   AMTKIDLE   ,

                                             *** 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
 - - -

```
         464328.91    3672979.41        4.60524                    464338.91
3672979.41        4.77150
         464348.91    3672979.41        4.96210                    464358.91
3672979.41        5.17575
         464328.91    3672989.41        4.54151                    464338.91
3672989.41        4.71305
         464348.91    3672989.41        4.91246                    464348.91
3672999.41        4.86407
         464298.91    3673009.41        4.04020                    464288.91
3673019.41        3.87732
         464298.91    3673019.41        3.99475                    464308.91
3673019.41        4.12577
         464318.91    3673019.41        4.24177                    464288.91
3673029.41        3.83180
         464298.91    3673029.41        3.95458                    464308.91
3673029.41        4.09064
         464318.91    3673029.41        4.22410                    464328.91
3673029.41        4.36690
         464278.91    3673039.41        3.68014                    464288.91
3673039.41        3.79309
         464298.91    3673039.41        3.92051                    464308.91
3673039.41        4.05986
         464318.91    3673039.41        4.20470                    464268.91
3673049.41        3.54292
         464278.91    3673049.41        3.64411                    464288.91
3673049.41        3.76165
         464298.91    3673049.41        3.89166                    464308.91
3673049.41        4.03201
         464258.91    3673059.41        3.41599                    464268.91
3673059.41        3.51127
         464278.91    3673059.41        3.61748                    464288.91
3673059.41        3.73750
         464298.91    3673059.41        3.86841                    464258.91
3673069.41        3.38549
         464268.91    3673069.41        3.48465                    464278.91
3673069.41        3.59418
         464288.91    3673069.41        3.71558                    464298.91
3673069.41        3.84560
         464268.91    3673079.41        3.46189                    464278.91
3673079.41        3.57290
         464288.91    3673079.41        3.69404                    464278.91
3673089.41        3.54706
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data
```

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMTKTRVL ***
INCLUDING SOURCE(S): L0004564 , L0004565 , L0004566 , L0004567 , L0004568 ,
L0004569 , L0004570 , L0004571 , L0004572 , L0004573 , L0004574 , L0004575 , L0004576 ,
L0004577 , L0004578 , L0004579 , L0004580 , L0004581 , L0004582 , L0004583 , L0004584 ,
L0004585 , L0004586 , L0004587 , L0004588 , L0004589 , L0004590 , L0004591 , . . . ,

*** 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
464358.91	3672919.41	17.03448	464368.91	3672919.41	17.76265
464378.91	3672919.41	18.63614	464358.91	3672929.41	17.61294
464368.91	3672929.41	18.46562	464378.91	3672929.41	19.51153
464388.91	3672929.41	21.01658	464348.91	3672939.41	17.41541
464358.91	3672939.41	18.25433	464368.91	3672939.41	19.30361
464378.91	3672939.41	20.64582	464388.91	3672939.41	22.62718
464338.91	3672949.41	17.21200	464348.91	3672949.41	18.01653
464358.91	3672949.41	18.98155	464368.91	3672949.41	20.29412
464378.91	3672949.41	22.08033	464338.91	3672959.41	17.77378
464348.91	3672959.41	18.70577	464358.91	3672959.41	19.82833
464368.91	3672959.41	21.47089	464378.91	3672959.41	23.92305
464328.91	3672969.41	17.55617	464338.91	3672969.41	18.40369
464348.91	3672969.41	19.47025	464358.91	3672969.41	20.84483
464368.91	3672969.41	22.97206	464318.91	3672979.41	17.37149
464328.91	3672979.41	18.14472	464338.91		

3672979.41 19.11668
464348.91 3672979.41 20.38837 464358.91
3672979.41 22.13436
464328.91 3672989.41 18.65887 464338.91
3672989.41 19.76518
464348.91 3672989.41 21.44981 464348.91
3672999.41 22.76989
464298.91 3673009.41 17.59148 464288.91
3673019.41 17.31412
464298.91 3673019.41 18.14441 464308.91
3673019.41 19.12906
464318.91 3673019.41 19.58077 464288.91
3673029.41 17.77592
464298.91 3673029.41 18.72261 464308.91
3673029.41 19.88931
464318.91 3673029.41 20.89978 464328.91
3673029.41 22.47090
464278.91 3673039.41 17.44778 464288.91
3673039.41 18.30577
464298.91 3673039.41 19.39344 464308.91
3673039.41 20.79658
464318.91 3673039.41 22.51683 464268.91
3673049.41 17.25435
464278.91 3673049.41 17.97573 464288.91
3673049.41 18.96000
464298.91 3673049.41 20.23567 464308.91
3673049.41 21.97540
464258.91 3673059.41 17.10612 464268.91
3673059.41 17.83118
464278.91 3673059.41 18.68928 464288.91
3673059.41 19.83685
464298.91 3673059.41 21.40944 464258.91
3673069.41 17.66251
464268.91 3673069.41 18.49040 464278.91
3673069.41 19.50713
464288.91 3673069.41 20.91005 464298.91
3673069.41 22.91778
464268.91 3673079.41 19.25627 464278.91
3673079.41 20.48532
464288.91 3673079.41 22.25619 464278.91
3673089.41 21.48457
464358.91 3672919.41 5.98458 464368.91
3672919.41 6.18476
464378.91 3672919.41 6.42925 464358.91
3672929.41 6.06576
464368.91 3672929.41 6.27825 464378.91
3672929.41 6.54999
464388.91 3672929.41 6.84187 464348.91
3672939.41 5.98610
464358.91 3672939.41 6.16747 464368.91

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMTKTRVL ***
                                 INCLUDING SOURCE(S):   L0004564   , L0004565 , L0004566   , L0004567   , L0004568   ,
                  L0004569   , L0004570   , L0004571   , L0004572   , L0004573 , L0004574   , L0004575   , L0004576   ,
                  L0004577   , L0004578   , L0004579   , L0004580   , L0004581 , L0004582   , L0004583   , L0004584   ,
                  L0004585   , L0004586   , L0004587   , L0004588   , L0004589 , L0004590   , L0004591   , . . .   ,

                                                 *** 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
 - - -

464348.91 3672979.41 6.56668 464358.91 3672979.41 6.96382
464328.91 3672989.41 6.30479 464338.91 3672989.41 6.59263
464348.91 3672989.41 6.87380 464348.91 3672999.41 7.36046
464298.91 3673009.41 5.75708 464288.91 3673019.41 5.72822
464298.91 3673019.41 5.86678 464308.91 3673019.41 6.05217
464318.91 3673019.41 6.76509 464288.91 3673029.41 5.87618
464298.91 3673029.41 6.02998 464308.91 3673029.41 6.23489
464318.91 3673029.41 6.83086 464328.91 3673029.41 7.66913
464278.91 3673039.41 5.87155 464288.91 3673039.41 6.04000
464298.91 3673039.41 6.21846 464308.91 3673039.41 6.46246
464318.91 3673039.41 6.98596 464268.91 3673049.41 5.79541
464278.91 3673049.41 6.01131 464288.91 3673049.41 6.19979
464298.91 3673049.41 6.42314 464308.91 3673049.41 6.74375
464258.91 3673059.41 5.69754 464268.91 3673059.41 5.88080
464278.91 3673059.41 6.10379 464288.91 3673059.41 6.32813
464298.91 3673059.41 6.60814 464258.91 3673069.41 5.77746
464268.91 3673069.41 5.97658 464278.91 3673069.41 6.22124
464288.91 3673069.41 6.49046 464298.91 3673069.41 6.88340
464268.91 3673079.41 6.08845 464278.91 3673079.41 6.37373
464288.91 3673079.41 6.72726 464278.91 3673089.41 6.70464
464358.91 3672919.41 0.44293 464368.91 3672919.41 0.44004
464378.91 3672919.41 0.43614 464358.91 3672929.41 0.43823
464368.91 3672929.41 0.43370 464378.91 3672929.41 0.42853
464388.91 3672929.41 0.42012 464348.91 3672939.41 0.43844
464358.91 3672939.41 0.43333 464368.91 3672939.41 0.42613

```
         464378.91    3672939.41        0.41913                      464388.91
3672939.41        0.41226
         464338.91    3672949.41        0.43905                      464348.91
3672949.41        0.43421
         464358.91    3672949.41        0.42842                      464368.91
3672949.41        0.41910
         464378.91    3672949.41        0.41115                      464338.91
3672959.41        0.43561
         464348.91    3672959.41        0.42953                      464358.91
3672959.41        0.42340
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                   PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AMTKTRVL ***
                                   INCLUDING SOURCE(S):     L0004564    , L0004565
, L0004566    , L0004567    , L0004568    ,
                  L0004569    , L0004570    , L0004571    , L0004572    , L0004573
, L0004574    , L0004575    , L0004576    ,
                  L0004577    , L0004578    , L0004579    , L0004580    , L0004581
, L0004582    , L0004583    , L0004584    ,
                  L0004585    , L0004586    , L0004587    , L0004588    , L0004589
, L0004590    , L0004591    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         464368.91    3672959.41        0.41411                      464378.91
3672959.41        0.40894
         464328.91    3672969.41        0.43627                      464338.91
3672969.41        0.43169
         464348.91    3672969.41        0.42551                      464358.91
3672969.41        0.41929
         464368.91    3672969.41        0.41243                      464318.91
3672979.41        0.43607
         464328.91    3672979.41        0.43307                      464338.91
3672979.41        0.42789
         464348.91    3672979.41        0.42132                      464358.91
```

3672979.41   0.41668
         464328.91   3672989.41   0.43454   464338.91
3672989.41   0.42965
         464348.91   3672989.41   0.42022   464348.91
3672999.41   0.42446
         464298.91   3673009.41   0.42956   464288.91
3673019.41   0.43142
         464298.91   3673019.41   0.42609   464308.91
3673019.41   0.42044
         464318.91   3673019.41   0.43874   464288.91
3673029.41   0.43060
         464298.91   3673029.41   0.42377   464308.91
3673029.41   0.41661
         464318.91   3673029.41   0.42494   464328.91
3673029.41   0.43867
         464278.91   3673039.41   0.43459   464288.91
3673039.41   0.42909
         464298.91   3673039.41   0.42101   464308.91
3673039.41   0.41299
         464318.91   3673039.41   0.41381   464268.91
3673049.41   0.43462
         464278.91   3673049.41   0.43256   464288.91
3673049.41   0.42568
         464298.91   3673049.41   0.41720   464308.91
3673049.41   0.40979
         464258.91   3673059.41   0.43334   464268.91
3673059.41   0.43043
         464278.91   3673059.41   0.42644   464288.91
3673059.41   0.41895
         464298.91   3673059.41   0.41060   464258.91
3673069.41   0.42961
         464268.91   3673069.41   0.42550   464278.91
3673069.41   0.42024
         464288.91   3673069.41   0.41241   464298.91
3673069.41   0.40611
         464268.91   3673079.41   0.42006   464278.91
3673079.41   0.41439
         464288.91   3673079.41   0.40781   464278.91
3673089.41   0.41540

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFTRVL ***
                                   INCLUDING SOURCE(S):   L0004140   , L0004141

, L0004142   , L0004143   , L0004144   ,
                L0004145   , L0004146   , L0004147   , L0004148   , L0004149
, L0004150   , L0004151   , L0004152   ,
                L0004153   , L0004154   , L0004155   , L0004156   , L0004157
, L0004158   , L0004159   , L0004160   ,
                L0004161   , L0004162   , L0004163   , L0004164   , L0004165
, L0004166   , L0004167   , . . .   ,

                                        *** 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
 - - -

```
         464328.91    3672989.41       18.65887                       464338.91
3672989.41       19.76518
         464348.91    3672989.41       21.44981                       464348.91
3672999.41       22.76989
         464298.91    3673009.41       17.59148                       464288.91
3673019.41       17.31412
         464298.91    3673019.41       18.14441                       464308.91
3673019.41       19.12906
         464318.91    3673019.41       19.58077                       464288.91
3673029.41       17.77592
         464298.91    3673029.41       18.72261                       464308.91
3673029.41       19.88931
         464318.91    3673029.41       20.89978                       464328.91
3673029.41       22.47090
         464278.91    3673039.41       17.44778                       464288.91
3673039.41       18.30577
         464298.91    3673039.41       19.39344                       464308.91
3673039.41       20.79658
         464318.91    3673039.41       22.51683                       464268.91
3673049.41       17.25435
         464278.91    3673049.41       17.97573                       464288.91
3673049.41       18.96000
         464298.91    3673049.41       20.23567                       464308.91
3673049.41       21.97540
         464258.91    3673059.41       17.10612                       464268.91
3673059.41       17.83118
         464278.91    3673059.41       18.68928                       464288.91
3673059.41       19.83685
         464298.91    3673059.41       21.40944                       464258.91
3673069.41       17.66251
         464268.91    3673069.41       18.49040                       464278.91
3673069.41       19.50713
         464288.91    3673069.41       20.91005                       464298.91
3673069.41       22.91778
         464268.91    3673079.41       19.25627                       464278.91
3673079.41       20.48532
         464288.91    3673079.41       22.25619                       464278.91
3673089.41       21.48457
         464358.91    3672919.41        5.98458                       464368.91
3672919.41        6.18476
         464378.91    3672919.41        6.42925                       464358.91
3672929.41        6.06576
         464368.91    3672929.41        6.27825                       464378.91
3672929.41        6.54999
         464388.91    3672929.41        6.84187                       464348.91
3672939.41        5.98610
         464358.91    3672939.41        6.16747                       464368.91
3672939.41        6.37501
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       04/24/24
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                             *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFTRVL ***
                             INCLUDING SOURCE(S):   L0004140   , L0004141
, L0004142   , L0004143   , L0004144   ,
                  L0004145   , L0004146   , L0004147   , L0004148   , L0004149
, L0004150   , L0004151   , L0004152   ,
                  L0004153   , L0004154   , L0004155   , L0004156   , L0004157
, L0004158   , L0004159   , L0004160   ,
                  L0004161   , L0004162   , L0004163   , L0004164   , L0004165
, L0004166   , L0004167   , . . .   ,

                                                *** 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
 - - -

3672989.41 6.59263
464348.91 3672989.41 6.87380 464348.91
3672999.41 7.36046
464298.91 3673009.41 5.75708 464288.91
3673019.41 5.72822
464298.91 3673019.41 5.86678 464308.91
3673019.41 6.05217
464318.91 3673019.41 6.76509 464288.91
3673029.41 5.87618
464298.91 3673029.41 6.02998 464308.91
3673029.41 6.23489
464318.91 3673029.41 6.83086 464328.91
3673029.41 7.66913
464278.91 3673039.41 5.87155 464288.91
3673039.41 6.04000
464298.91 3673039.41 6.21846 464308.91
3673039.41 6.46246
464318.91 3673039.41 6.98596 464268.91
3673049.41 5.79541
464278.91 3673049.41 6.01131 464288.91
3673049.41 6.19979
464298.91 3673049.41 6.42314 464308.91
3673049.41 6.74375
464258.91 3673059.41 5.69754 464268.91
3673059.41 5.88080
464278.91 3673059.41 6.10379 464288.91
3673059.41 6.32813
464298.91 3673059.41 6.60814 464258.91
3673069.41 5.77746
464268.91 3673069.41 5.97658 464278.91
3673069.41 6.22124
464288.91 3673069.41 6.49046 464298.91
3673069.41 6.88340
464268.91 3673079.41 6.08845 464278.91
3673079.41 6.37373
464288.91 3673079.41 6.72726 464278.91
3673089.41 6.70464
464358.91 3672919.41 0.44293 464368.91
3672919.41 0.44004
464378.91 3672919.41 0.43614 464358.91
3672929.41 0.43823
464368.91 3672929.41 0.43370 464378.91
3672929.41 0.42853
464388.91 3672929.41 0.42012 464348.91
3672939.41 0.43844
464358.91 3672939.41 0.43333 464368.91
3672939.41 0.42613
464378.91 3672939.41 0.41913 464388.91
3672939.41 0.41226
464338.91 3672949.41 0.43905 464348.91

3672949.41 0.43421
 464358.91 3672949.41 0.42842 464368.91
3672949.41 0.41910
 464378.91 3672949.41 0.41115 464338.91
3672959.41 0.43561
 464348.91 3672959.41 0.42953 464358.91
3672959.41 0.42340

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFTRVL ***
INCLUDING SOURCE(S): L0004140 , L0004141 , L0004142 , L0004143 , L0004144 ,
L0004145 , L0004146 , L0004147 , L0004148 , L0004149 , L0004150 , L0004151 , L0004152 ,
L0004153 , L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 ,
L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , . . . ,

*** 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
464368.91	3672959.41	0.41411	464378.91	3672959.41	0.40894
464328.91	3672969.41	0.43627	464338.91	3672969.41	0.43169
464348.91	3672969.41	0.42551	464358.91	3672969.41	0.41929
464368.91	3672969.41	0.41243	464318.91	3672979.41	0.43607
464328.91	3672979.41	0.43307	464338.91	3672979.41	0.42789
464348.91	3672979.41	0.42132	464358.91	3672979.41	0.41668
464328.91	3672989.41	0.43454	464338.91	3672989.41	0.42965

```
         464348.91    3672989.41        0.42022                        464348.91
3672999.41        0.42446
         464298.91    3673009.41        0.42956                        464288.91
3673019.41        0.43142
         464298.91    3673019.41        0.42609                        464308.91
3673019.41        0.42044
         464318.91    3673019.41        0.43874                        464288.91
3673029.41        0.43060
         464298.91    3673029.41        0.42377                        464308.91
3673029.41        0.41661
         464318.91    3673029.41        0.42494                        464328.91
3673029.41        0.43867
         464278.91    3673039.41        0.43459                        464288.91
3673039.41        0.42909
         464298.91    3673039.41        0.42101                        464308.91
3673039.41        0.41299
         464318.91    3673039.41        0.41381                        464268.91
3673049.41        0.43462
         464278.91    3673049.41        0.43256                        464288.91
3673049.41        0.42568
         464298.91    3673049.41        0.41720                        464308.91
3673049.41        0.40979
         464258.91    3673059.41        0.43334                        464268.91
3673059.41        0.43043
         464278.91    3673059.41        0.42644                        464288.91
3673059.41        0.41895
         464298.91    3673059.41        0.41060                        464258.91
3673069.41        0.42961
         464268.91    3673069.41        0.42550                        464278.91
3673069.41        0.42024
         464288.91    3673069.41        0.41241                        464298.91
3673069.41        0.40611
         464268.91    3673079.41        0.42006                        464278.91
3673079.41        0.41439
         464288.91    3673079.41        0.40781                        464278.91
3673089.41        0.41540
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                      ***        16:29:24

                                   PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: COASIDLE ***
                                   INCLUDING SOURCE(S):     COASIDLE    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464358.91	3672919.41	0.76018	464368.91	3672919.41	0.80661
464378.91	3672919.41	0.86809	464358.91	3672929.41	0.75561
464368.91	3672929.41	0.80665	464378.91	3672929.41	0.87644
464388.91	3672929.41	0.97867	464348.91	3672939.41	0.70980
464358.91	3672939.41	0.75276	464368.91	3672939.41	0.81069
464378.91	3672939.41	0.89144	464388.91	3672939.41	1.00951
464338.91	3672949.41	0.66907	464348.91	3672949.41	0.70536
464358.91	3672949.41	0.75236	464368.91	3672949.41	0.81864
464378.91	3672949.41	0.91259	464338.91	3672959.41	0.66358
464348.91	3672959.41	0.70297	464358.91	3672959.41	0.75526
464368.91	3672959.41	0.83072	464378.91	3672959.41	0.93854
464328.91	3672969.41	0.62700	464338.91	3672969.41	0.65973
464348.91	3672969.41	0.70278	464358.91	3672969.41	0.76183
464368.91	3672969.41	0.84752	464318.91	3672979.41	0.59476
464328.91	3672979.41	0.62222	464338.91	3672979.41	0.65777
464348.91	3672979.41	0.70597	464358.91	3672979.41	0.77292
464328.91	3672989.41	0.61695	464338.91	3672989.41	0.65588
464348.91	3672989.41	0.71184	464348.91	3672999.41	0.72044
464298.91	3673009.41	0.53588	464288.91	3673019.41	0.51168
464298.91	3673019.41	0.53177	464308.91	3673019.41	0.55588
464318.91	3673019.41	0.57729	464288.91	3673029.41	0.50657

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         464298.91    3673029.41        0.52809                        464308.91
3673029.41        0.55475
         464318.91    3673029.41        0.58329                        464328.91
3673029.41        0.62355
         464278.91    3673039.41        0.48373                        464288.91
3673039.41        0.50232
         464298.91    3673039.41        0.52566                        464308.91
3673039.41        0.55542
         464318.91    3673039.41        0.59204                        464268.91
3673049.41        0.46396
         464278.91    3673049.41        0.47953                        464288.91
3673049.41        0.49955
         464298.91    3673049.41        0.52503                        464308.91
3673049.41        0.55834
         464258.91    3673059.41        0.44607                        464268.91
3673059.41        0.46041
         464278.91    3673059.41        0.47726                        464288.91
3673059.41        0.49899
         464298.91    3673059.41        0.52735                        464258.91
3673069.41        0.44241
         464268.91    3673069.41        0.45753                        464278.91
3673069.41        0.47585
         464288.91    3673069.41        0.49985                        464298.91
3673069.41        0.53149
         464268.91    3673079.41        0.45545                        464278.91
3673079.41        0.47542
         464288.91    3673079.41        0.50199                        464278.91
3673089.41        0.47414
         464358.91    3672919.41        1.44888                        464368.91
3672919.41        1.52744
         464378.91    3672919.41        1.62455                        464358.91
3672929.41        1.43914
         464368.91    3672929.41        1.52396                        464378.91
3672929.41        1.63110
         464388.91    3672929.41        1.78178                        464348.91
3672939.41        1.35653
         464358.91    3672939.41        1.43157                        464368.91
3672939.41        1.52757
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                      ***        16:29:24

                                   PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: COASIDLE ***
                                   INCLUDING SOURCE(S):     COASIDLE    ,
```

*** 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
464378.91	3672939.41	1.64953	464388.91	3672939.41	1.81696
464338.91	3672949.41	1.28228	464348.91	3672949.41	1.34765
464358.91	3672949.41	1.42677	464368.91	3672949.41	1.53502
464378.91	3672949.41	1.67479	464338.91	3672959.41	1.27255
464348.91	3672959.41	1.34189	464358.91	3672959.41	1.42623
464368.91	3672959.41	1.54454	464378.91	3672959.41	1.69833
464328.91	3672969.41	1.20739	464338.91	3672969.41	1.26540
464348.91	3672969.41	1.33772	464358.91	3672969.41	1.42910
464368.91	3672969.41	1.55629	464318.91	3672979.41	1.15062
464328.91	3672979.41	1.19930	464338.91	3672979.41	1.26027
464348.91	3672979.41	1.33827	464358.91	3672979.41	1.43670
464328.91	3672989.41	1.18358	464338.91	3672989.41	1.24683
464348.91	3672989.41	1.33810	464348.91	3672999.41	1.33570
464298.91	3673009.41	1.05379	464288.91	3673019.41	1.00994
464298.91	3673019.41	1.05014	464308.91	3673019.41	1.09501
464318.91	3673019.41	1.10396	464288.91	3673029.41	1.00199
464298.91	3673029.41	1.04503	464308.91	3673029.41	1.09449
464318.91	3673029.41	1.12404	464328.91	3673029.41	1.16625
464278.91	3673039.41	0.95811	464288.91	3673039.41	0.99543
464298.91	3673039.41	1.04160	464308.91	3673039.41	1.09606

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         464318.91    3673039.41        1.14801                        464268.91
3673049.41        0.92306
         464278.91    3673049.41        0.95238                        464288.91
3673049.41        0.99245
         464298.91    3673049.41        1.04146                        464308.91
3673049.41        1.10062
         464258.91    3673059.41        0.89201                        464268.91
3673059.41        0.92073
         464278.91    3673059.41        0.95329                        464288.91
3673059.41        0.99601
         464298.91    3673059.41        1.04938                        464258.91
3673069.41        0.88912
         464268.91    3673069.41        0.91948                        464278.91
3673069.41        0.95485
         464288.91    3673069.41        1.00122                        464298.91
3673069.41        1.05858
         464268.91    3673079.41        0.91935                        464278.91
3673079.41        0.95707
         464288.91    3673079.41        1.00663                        464278.91
3673089.41        0.95020
         464358.91    3672919.41        5.62588                        464368.91
3672919.41        5.84487
         464378.91    3672919.41        6.08725                        464358.91
3672929.41        5.53229
         464368.91    3672929.41        5.74887                        464378.91
3672929.41        5.99740
         464388.91    3672929.41        6.28977                        464348.91
3672939.41        5.24624
         464358.91    3672939.41        5.44157                        464368.91
3672939.41        5.66478
         464378.91    3672939.41        5.92142                        464388.91
3672939.41        6.21865
         464338.91    3672949.41        4.98542                        464348.91
3672949.41        5.16177
         464358.91    3672949.41        5.36006                        464368.91
3672949.41        5.59165
         464378.91    3672949.41        5.85511                        464338.91
3672959.41        4.90667
         464348.91    3672959.41        5.08617                        464358.91
3672959.41        5.29065
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                      ***        16:29:24

                                   PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: COASIDLE ***
```

INCLUDING SOURCE(S): COASIDLE ,

*** 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
464368.91	3672959.41	5.52807	464378.91	3672959.41	5.79344
464328.91	3672969.41	4.67492	464338.91	3672969.41	4.83602
464348.91	3672969.41	5.02056	464358.91	3672969.41	5.23112
464368.91	3672969.41	5.47093	464318.91	3672979.41	4.46384
464328.91	3672979.41	4.60869	464338.91	3672979.41	4.77491
464348.91	3672979.41	4.96549	464358.91	3672979.41	5.17920
464328.91	3672989.41	4.54466	464338.91	3672989.41	4.71618
464348.91	3672989.41	4.91563	464348.91	3672999.41	4.86710
464298.91	3673009.41	4.04298	464288.91	3673019.41	3.87992
464298.91	3673019.41	3.99730	464308.91	3673019.41	4.12829
464318.91	3673019.41	4.24428	464288.91	3673029.41	3.83419
464298.91	3673029.41	3.95693	464308.91	3673029.41	4.09298
464318.91	3673029.41	4.22649	464328.91	3673029.41	4.36939
464278.91	3673039.41	3.68238	464288.91	3673039.41	3.79529
464298.91	3673039.41	3.92270	464308.91	3673039.41	4.06209
464318.91	3673039.41	4.20701	464268.91	3673049.41	3.54502
464278.91	3673049.41	3.64616	464288.91	3673049.41	3.76369
464298.91	3673049.41	3.89374	464308.91	3673049.41	4.03416
464258.91	3673059.41	3.41797	464268.91	3673059.41	3.51320

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: COASTRVL ***
INCLUDING SOURCE(S): L0004988 , L0004989 , L0004990 , L0004991 , L0004992 ,
L0004993 , L0004994 , L0004995 , L0004996 , L0004997 , L0004998 , L0004999 , L0005000 ,
L0005001 , L0005002 , L0005003 , L0005004 , L0005005 , L0005006 , L0005007 , L0005008 ,
L0005009 , L0005010 , L0005011 , L0005012 , L0005013 , L0005014 , L0005015 , . . . ,

*** 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
464358.91	3672919.41	5.73284	464368.91	3672919.41	5.83184
464378.91	3672919.41	5.93523	464358.91	3672929.41	5.66953
464368.91	3672929.41	5.76948	464378.91	3672929.41	5.87165
464388.91	3672929.41	5.99494	464348.91	3672939.41	5.50965
464358.91	3672939.41	5.60633	464368.91		

3672939.41 5.70909
464378.91 3672939.41 5.81895 464388.91
3672939.41 5.93632
464338.91 3672949.41 5.35750 464348.91
3672949.41 5.44874
464358.91 3672949.41 5.54128 464368.91
3672949.41 5.65101
464378.91 3672949.41 5.76084 464338.91
3672959.41 5.29885
464348.91 3672959.41 5.38961 464358.91
3672959.41 5.48060
464368.91 3672959.41 5.58803 464378.91
3672959.41 5.69579
464328.91 3672969.41 5.15951 464338.91
3672969.41 5.24179
464348.91 3672969.41 5.32744 464358.91
3672969.41 5.42042
464368.91 3672969.41 5.52537 464318.91
3672979.41 5.02972
464328.91 3672979.41 5.10429 464338.91
3672979.41 5.18525
464348.91 3672979.41 5.27063 464358.91
3672979.41 5.36184
464328.91 3672989.41 5.03699 464338.91
3672989.41 5.11567
464348.91 3672989.41 5.20974 464348.91
3672999.41 5.14517
464298.91 3673009.41 4.74911 464288.91
3673019.41 4.63928
464298.91 3673019.41 4.70487 464308.91
3673019.41 4.77331
464318.91 3673019.41 4.79230 464288.91
3673029.41 4.59188
464298.91 3673029.41 4.65826 464308.91
3673029.41 4.72824
464318.91 3673029.41 4.77044 464328.91
3673029.41 4.80956
464278.91 3673039.41 4.48201 464288.91
3673039.41 4.54580
464298.91 3673039.41 4.61284 464308.91
3673039.41 4.68191
464318.91 3673039.41 4.74455 464268.91
3673049.41 4.38351
464278.91 3673049.41 4.43885 464288.91
3673049.41 4.50118
464298.91 3673049.41 4.57011 464308.91
3673049.41 4.63937
464258.91 3673059.41 4.29064 464268.91
3673059.41 4.34591
464278.91 3673059.41 4.40082 464288.91

3673059.41   4.46514
         464298.91   3673059.41   4.53194   464258.91
3673069.41   4.25372
         464268.91   3673069.41   4.30694   464278.91
3673069.41   4.36483
         464288.91   3673069.41   4.42724   464298.91
3673069.41   4.49023
         464268.91   3673079.41   4.27089   464278.91
3673079.41   4.32859
         464288.91   3673079.41   4.39035   464278.91
3673089.41   4.28289
         464358.91   3672919.41   1.82335   464368.91
3672919.41   1.84820
         464378.91   3672919.41   1.87544   464358.91
3672929.41   1.79643
         464368.91   3672929.41   1.81781   464378.91
3672929.41   1.84146
         464388.91   3672929.41   1.84987   464348.91
3672939.41   1.75690
         464358.91   3672939.41   1.77303   464368.91
3672939.41   1.78556

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: COASTRVL ***
                                  INCLUDING SOURCE(S):   L0004988   , L0004989
, L0004990   , L0004991   , L0004992   ,
                  L0004993   , L0004994   , L0004995   , L0004996   , L0004997
, L0004998   , L0004999   , L0005000   ,
                  L0005001   , L0005002   , L0005003   , L0005004   , L0005005
, L0005006   , L0005007   , L0005008   ,
                  L0005009   , L0005010   , L0005011   , L0005012   , L0005013
, L0005014   , L0005015   , . . .   ,

                                     *** 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
 -
- -

```
         464378.91    3672939.41        1.79995                    464388.91
3672939.41        1.80465
         464338.91    3672949.41        1.72147                    464348.91
3672949.41        1.73631
         464358.91    3672949.41        1.75298                    464368.91
3672949.41        1.75688
         464378.91    3672949.41        1.76034                    464338.91
3672959.41        1.70347
         464348.91    3672959.41        1.71711                    464358.91
3672959.41        1.73420
         464368.91    3672959.41        1.73490                    464378.91
3672959.41        1.73480
         464328.91    3672969.41        1.66906                    464338.91
3672969.41        1.68673
         464348.91    3672969.41        1.70259                    464358.91
3672969.41        1.71818
         464368.91    3672969.41        1.71904                    464318.91
3672979.41        1.63317
         464328.91    3672979.41        1.65467                    464338.91
3672979.41        1.67279
         464348.91    3672979.41        1.68723                    464358.91
3672979.41        1.70283
         464328.91    3672989.41        1.66128                    464338.91
3672989.41        1.68162
         464348.91    3672989.41        1.68101                    464348.91
3672999.41        1.68687
         464298.91    3673009.41        1.53712                    464288.91
3673019.41        1.51018
         464298.91    3673019.41        1.52101                    464308.91
3673019.41        1.53600
         464318.91    3673019.41        1.64075                    464288.91
3673029.41        1.50345
         464298.91    3673029.41        1.51172                    464308.91
3673029.41        1.52236
         464318.91    3673029.41        1.58939                    464328.91
3673029.41        1.65978
         464278.91    3673039.41        1.48672                    464288.91
3673039.41        1.49735
         464298.91    3673039.41        1.50296                    464308.91
3673039.41        1.50916
         464318.91    3673039.41        1.53996                    464268.91
3673049.41        1.45933
         464278.91    3673049.41        1.47936                    464288.91
3673049.41        1.48736
         464298.91    3673049.41        1.49161                    464308.91
3673049.41        1.49478
         464258.91    3673059.41        1.43031                    464268.91
3673059.41        1.44522
         464278.91    3673059.41        1.46108                    464288.91
3673059.41        1.46770
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         464298.91    3673059.41        1.46899                      464258.91
3673069.41        1.41804
         464268.91    3673069.41        1.43176                      464278.91
3673069.41        1.44482
         464288.91    3673069.41        1.44855                      464298.91
3673069.41        1.44823
         464268.91    3673079.41        1.41880                      464278.91
3673079.41        1.43037
         464288.91    3673079.41        1.43253                      464278.91
3673089.41        1.43673
         464358.91    3672919.41        0.21452                      464368.91
3672919.41        0.21613
         464378.91    3672919.41        0.21789                      464358.91
3672929.41        0.21165
         464368.91    3672929.41        0.21281                      464378.91
3672929.41        0.21412
         464388.91    3672929.41        0.21389                      464348.91
3672939.41        0.20850
         464358.91    3672939.41        0.20910                      464368.91
3672939.41        0.20923
         464378.91    3672939.41        0.20959                      464388.91
3672939.41        0.20907
         464338.91    3672949.41        0.20584                      464348.91
3672949.41        0.20628
         464358.91    3672949.41        0.20683                      464368.91
3672949.41        0.20602
         464378.91    3672949.41        0.20530                      464338.91
3672959.41        0.20393
         464348.91    3672959.41        0.20414                      464358.91
3672959.41        0.20468
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                   PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: COASTRVL ***
                                   INCLUDING SOURCE(S):     L0004988    , L0004989
, L0004990    , L0004991    , L0004992    ,
                  L0004993    , L0004994    , L0004995    , L0004996    , L0004997
, L0004998    , L0004999    , L0005000    ,
                  L0005001    , L0005002    , L0005003    , L0005004    , L0005005
, L0005006    , L0005007    , L0005008    ,
                  L0005009    , L0005010    , L0005011    , L0005012    , L0005013
, L0005014    , L0005015    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464368.91	3672959.41	0.20351	464378.91	3672959.41	0.20248
464328.91	3672969.41	0.20142	464338.91	3672969.41	0.20209
464348.91	3672969.41	0.20247	464358.91	3672969.41	0.20282
464368.91	3672969.41	0.20168	464318.91	3672979.41	0.19872
464328.91	3672979.41	0.19988	464338.91	3672979.41	0.20053
464348.91	3672979.41	0.20072	464358.91	3672979.41	0.20108
464328.91	3672989.41	0.20085	464338.91	3672989.41	0.20168
464348.91	3672989.41	0.20002	464348.91	3672999.41	0.20085
464298.91	3673009.41	0.19042	464288.91	3673019.41	0.18868
464298.91	3673019.41	0.18862	464308.91	3673019.41	0.18901
464318.91	3673019.41	0.20077	464288.91	3673029.41	0.18806
464298.91	3673029.41	0.18763	464308.91	3673029.41	0.18746
464318.91	3673029.41	0.19427	464328.91	3673029.41	0.20181
464278.91	3673039.41	0.18767	464288.91	3673039.41	0.18750
464298.91	3673039.41	0.18668	464308.91	3673039.41	0.18598
464318.91	3673039.41	0.18833	464268.91	3673049.41	0.18586
464278.91	3673049.41	0.18698	464288.91	3673049.41	0.18642
464298.91	3673049.41	0.18543	464308.91	3673049.41	0.18439
464258.91	3673059.41	0.18377	464268.91	3673059.41	0.18425
464278.91	3673059.41	0.18478	464288.91	3673059.41	0.18408
464298.91	3673059.41	0.18278	464258.91		

3673069.41 0.18239
 464268.91 3673069.41 0.18269 464278.91
3673069.41 0.18286
 464288.91 3673069.41 0.18183 464298.91
3673069.41 0.18041
 464268.91 3673079.41 0.18119 464278.91
3673079.41 0.18119
 464288.91 3673079.41 0.18003 464278.91
3673089.41 0.18237

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INLDIDLE ***
INCLUDING SOURCE(S): INLDIDLE ,

*** 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
464358.91	3672919.41	0.76018	464368.91	3672919.41	0.80661
464378.91	3672919.41	0.86809	464358.91	3672929.41	0.75561
464368.91	3672929.41	0.80665	464378.91	3672929.41	0.87644
464388.91	3672929.41	0.97867	464348.91	3672939.41	0.70980
464358.91	3672939.41	0.75276	464368.91	3672939.41	0.81069
464378.91	3672939.41	0.89144	464388.91	3672939.41	1.00951
464338.91	3672949.41	0.66907	464348.91	3672949.41	0.70536
464358.91	3672949.41	0.75236	464368.91	3672949.41	0.81864
464378.91	3672949.41	0.91259	464338.91	3672959.41	0.66358
464348.91	3672959.41	0.70297	464358.91		

3672959.41 0.75526
464368.91 3672959.41 0.83072 464378.91
3672959.41 0.93854
464328.91 3672969.41 0.62700 464338.91
3672969.41 0.65973
464348.91 3672969.41 0.70278 464358.91
3672969.41 0.76183
464368.91 3672969.41 0.84752 464318.91
3672979.41 0.59476
464328.91 3672979.41 0.62222 464338.91
3672979.41 0.65777
464348.91 3672979.41 0.70597 464358.91
3672979.41 0.77292
464328.91 3672989.41 0.61695 464338.91
3672989.41 0.65588
464348.91 3672989.41 0.71184 464348.91
3672999.41 0.72044
464298.91 3673009.41 0.53588 464288.91
3673019.41 0.51168
464298.91 3673019.41 0.53177 464308.91
3673019.41 0.55588
464318.91 3673019.41 0.57729 464288.91
3673029.41 0.50657
464298.91 3673029.41 0.52809 464308.91
3673029.41 0.55475
464318.91 3673029.41 0.58329 464328.91
3673029.41 0.62355
464278.91 3673039.41 0.48373 464288.91
3673039.41 0.50232
464298.91 3673039.41 0.52566 464308.91
3673039.41 0.55542
464318.91 3673039.41 0.59204 464268.91
3673049.41 0.46396
464278.91 3673049.41 0.47953 464288.91
3673049.41 0.49955
464298.91 3673049.41 0.52503 464308.91
3673049.41 0.55834
464258.91 3673059.41 0.44607 464268.91
3673059.41 0.46041
464278.91 3673059.41 0.47726 464288.91
3673059.41 0.49899
464298.91 3673059.41 0.52735 464258.91
3673069.41 0.44241
464268.91 3673069.41 0.45753 464278.91
3673069.41 0.47585
464288.91 3673069.41 0.49985 464298.91
3673069.41 0.53149
464268.91 3673079.41 0.45545 464278.91
3673079.41 0.47542
464288.91 3673079.41 0.50199 464278.91

3673089.41   0.47414
         464358.91   3672919.41   1.44888   464368.91
3672919.41   1.52744
         464378.91   3672919.41   1.62455   464358.91
3672929.41   1.43914
         464368.91   3672929.41   1.52396   464378.91
3672929.41   1.63110
         464388.91   3672929.41   1.78178   464348.91
3672939.41   1.35653
         464358.91   3672939.41   1.43157   464368.91
3672939.41   1.52757

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: INLDIDLE ***
                                   INCLUDING SOURCE(S):   INLDIDLE   ,

                                        *** 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
 - - -

3672979.41 1.15062
464328.91 3672979.41 1.19930 464338.91 3672979.41 1.26027
464348.91 3672979.41 1.33827 464358.91 3672979.41 1.43670
464328.91 3672989.41 1.18358 464338.91 3672989.41 1.24683
464348.91 3672989.41 1.33810 464348.91 3672999.41 1.33570
464298.91 3673009.41 1.05379 464288.91 3673019.41 1.00994
464298.91 3673019.41 1.05014 464308.91 3673019.41 1.09501
464318.91 3673019.41 1.10396 464288.91 3673029.41 1.00199
464298.91 3673029.41 1.04503 464308.91 3673029.41 1.09449
464318.91 3673029.41 1.12404 464328.91 3673029.41 1.16625
464278.91 3673039.41 0.95811 464288.91 3673039.41 0.99543
464298.91 3673039.41 1.04160 464308.91 3673039.41 1.09606
464318.91 3673039.41 1.14801 464268.91 3673049.41 0.92306
464278.91 3673049.41 0.95238 464288.91 3673049.41 0.99245
464298.91 3673049.41 1.04146 464308.91 3673049.41 1.10062
464258.91 3673059.41 0.89201 464268.91 3673059.41 0.92073
464278.91 3673059.41 0.95329 464288.91 3673059.41 0.99601
464298.91 3673059.41 1.04938 464258.91 3673069.41 0.88912
464268.91 3673069.41 0.91948 464278.91 3673069.41 0.95485
464288.91 3673069.41 1.00122 464298.91 3673069.41 1.05858
464268.91 3673079.41 0.91935 464278.91 3673079.41 0.95707
464288.91 3673079.41 1.00663 464278.91 3673089.41 0.95020
464358.91 3672919.41 5.62588 464368.91 3672919.41 5.84487
464378.91 3672919.41 6.08725 464358.91 3672929.41 5.53229
464368.91 3672929.41 5.74887 464378.91 3672929.41 5.99740
464388.91 3672929.41 6.28977 464348.91

3672939.41 5.24624
 464358.91 3672939.41 5.44157 464368.91
3672939.41 5.66478
 464378.91 3672939.41 5.92142 464388.91
3672939.41 6.21865
 464338.91 3672949.41 4.98542 464348.91
3672949.41 5.16177
 464358.91 3672949.41 5.36006 464368.91
3672949.41 5.59165
 464378.91 3672949.41 5.85511 464338.91
3672959.41 4.90667
 464348.91 3672959.41 5.08617 464358.91
3672959.41 5.29065

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INLDIDLE ***
INCLUDING SOURCE(S): INLDIDLE ,

*** 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
464368.91	3672959.41	5.52807	464378.91	3672959.41	5.79344
464328.91	3672969.41	4.67492	464338.91	3672969.41	4.83602
464348.91	3672969.41	5.02056	464358.91	3672969.41	5.23112
464368.91	3672969.41	5.47093	464318.91	3672979.41	4.46384
464328.91	3672979.41	4.60869	464338.91	3672979.41	4.77491
464348.91	3672979.41	4.96549	464358.91	3672979.41	5.17920
464328.91	3672989.41	4.54466	464338.91	3672989.41	4.71618
464348.91	3672989.41	4.91563	464348.91		

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3672999.41        4.86710
         464298.91    3673009.41        4.04298                        464288.91
3673019.41        3.87992
         464298.91    3673019.41        3.99730                        464308.91
3673019.41        4.12829
         464318.91    3673019.41        4.24428                        464288.91
3673029.41        3.83419
         464298.91    3673029.41        3.95693                        464308.91
3673029.41        4.09298
         464318.91    3673029.41        4.22649                        464328.91
3673029.41        4.36939
         464278.91    3673039.41        3.68238                        464288.91
3673039.41        3.79529
         464298.91    3673039.41        3.92270                        464308.91
3673039.41        4.06209
         464318.91    3673039.41        4.20701                        464268.91
3673049.41        3.54502
         464278.91    3673049.41        3.64616                        464288.91
3673049.41        3.76369
         464298.91    3673049.41        3.89374                        464308.91
3673049.41        4.03416
         464258.91    3673059.41        3.41797                        464268.91
3673059.41        3.51320
         464278.91    3673059.41        3.61940                        464288.91
3673059.41        3.73944
         464298.91    3673059.41        3.87041                        464258.91
3673069.41        3.38732
         464268.91    3673069.41        3.48645                        464278.91
3673069.41        3.59599
         464288.91    3673069.41        3.71745                        464298.91
3673069.41        3.84755
         464268.91    3673079.41        3.46359                        464278.91
3673079.41        3.57464
         464288.91    3673079.41        3.69586                        464278.91
3673089.41        3.54875
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                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: INLDTRVL ***
                                 INCLUDING SOURCE(S):     L0005606    , L0005607
, L0005608    , L0005609    , L0005610    ,
                  L0005611    , L0005612    , L0005613    , L0005614    , L0005615
, L0005616    , L0005617    , L0005618    ,
                  L0005619    , L0005620    , L0005621    , L0005622    , L0005623
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, L0005624    , L0005625    , L0005626    ,
                L0005627    , L0005628    , L0005629    , L0005630    , L0005631
, L0005632    , L0005633    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         464358.91    3672919.41       17.03448                      464368.91
3672919.41       17.76265
         464378.91    3672919.41       18.63614                      464358.91
3672929.41       17.61294
         464368.91    3672929.41       18.46562                      464378.91
3672929.41       19.51153
         464388.91    3672929.41       21.01658                      464348.91
3672939.41       17.41541
         464358.91    3672939.41       18.25433                      464368.91
3672939.41       19.30361
         464378.91    3672939.41       20.64582                      464388.91
3672939.41       22.62718
         464338.91    3672949.41       17.21200                      464348.91
3672949.41       18.01653
         464358.91    3672949.41       18.98155                      464368.91
3672949.41       20.29412
         464378.91    3672949.41       22.08033                      464338.91
3672959.41       17.77378
         464348.91    3672959.41       18.70577                      464358.91
3672959.41       19.82833
         464368.91    3672959.41       21.47089                      464378.91
3672959.41       23.92305
         464328.91    3672969.41       17.55617                      464338.91
3672969.41       18.40369
         464348.91    3672969.41       19.47025                      464358.91
3672969.41       20.84483
         464368.91    3672969.41       22.97206                      464318.91
3672979.41       17.37149
         464328.91    3672979.41       18.14472                      464338.91
3672979.41       19.11668
         464348.91    3672979.41       20.38837                      464358.91
3672979.41       22.13436
         464328.91    3672989.41       18.65887                      464338.91
3672989.41       19.76518
         464348.91    3672989.41       21.44981                      464348.91
3672999.41       22.76989
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         464298.91    3673009.41       17.59148                       464288.91
3673019.41       17.31412
         464298.91    3673019.41       18.14441                       464308.91
3673019.41       19.12906
         464318.91    3673019.41       19.58077                       464288.91
3673029.41       17.77592
         464298.91    3673029.41       18.72261                       464308.91
3673029.41       19.88931
         464318.91    3673029.41       20.89978                       464328.91
3673029.41       22.47090
         464278.91    3673039.41       17.44778                       464288.91
3673039.41       18.30577
         464298.91    3673039.41       19.39344                       464308.91
3673039.41       20.79658
         464318.91    3673039.41       22.51683                       464268.91
3673049.41       17.25435
         464278.91    3673049.41       17.97573                       464288.91
3673049.41       18.96000
         464298.91    3673049.41       20.23567                       464308.91
3673049.41       21.97540
         464258.91    3673059.41       17.10612                       464268.91
3673059.41       17.83118
         464278.91    3673059.41       18.68928                       464288.91
3673059.41       19.83685
         464298.91    3673059.41       21.40944                       464258.91
3673069.41       17.66251
         464268.91    3673069.41       18.49040                       464278.91
3673069.41       19.50713
         464288.91    3673069.41       20.91005                       464298.91
3673069.41       22.91778
         464268.91    3673079.41       19.25627                       464278.91
3673079.41       20.48532
         464288.91    3673079.41       22.25619                       464278.91
3673089.41       21.48457
         464358.91    3672919.41        5.98458                       464368.91
3672919.41        6.18476
         464378.91    3672919.41        6.42925                       464358.91
3672929.41        6.06576
         464368.91    3672929.41        6.27825                       464378.91
3672929.41        6.54999
         464388.91    3672929.41        6.84187                       464348.91
3672939.41        5.98610
         464358.91    3672939.41        6.16747                       464368.91
3672939.41        6.37501
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                      ***         16:29:24

                                PAGE 110
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INLDTRVL ***
INCLUDING SOURCE(S): L0005606 , L0005607 , L0005608 , L0005609 , L0005610 ,
L0005611 , L0005612 , L0005613 , L0005614 , L0005615 , L0005616 , L0005617 , L0005618 ,
L0005619 , L0005620 , L0005621 , L0005622 , L0005623 , L0005624 , L0005625 , L0005626 ,
L0005627 , L0005628 , L0005629 , L0005630 , L0005631 , L0005632 , L0005633 , . . . ,

*** 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
464378.91	3672939.41	6.66226	464388.91	3672939.41	7.05181
464338.91	3672949.41	5.91962	464348.91	3672949.41	6.08582
464358.91	3672949.41	6.29651	464368.91	3672949.41	6.50974
464378.91	3672949.41	6.83339	464338.91	3672959.41	6.02157
464348.91	3672959.41	6.20486	464358.91	3672959.41	6.45523
464368.91	3672959.41	6.72029	464378.91	3672959.41	7.19603
464328.91	3672969.41	5.95095	464338.91	3672969.41	6.14255
464348.91	3672969.41	6.36847	464358.91	3672969.41	6.66931
464368.91	3672969.41	7.05609	464318.91	3672979.41	5.86847
464328.91	3672979.41	6.07111	464338.91	3672979.41	6.29650
464348.91	3672979.41	6.56668	464358.91	3672979.41	6.96382
464328.91	3672989.41	6.30479	464338.91	3672989.41	6.59263
464348.91	3672989.41	6.87380	464348.91	3672999.41	7.36046
464298.91	3673009.41	5.75708	464288.91		

3673019.41 5.72822
464298.91 3673019.41 5.86678 464308.91
3673019.41 6.05217
464318.91 3673019.41 6.76509 464288.91
3673029.41 5.87618
464298.91 3673029.41 6.02998 464308.91
3673029.41 6.23489
464318.91 3673029.41 6.83086 464328.91
3673029.41 7.66913
464278.91 3673039.41 5.87155 464288.91
3673039.41 6.04000
464298.91 3673039.41 6.21846 464308.91
3673039.41 6.46246
464318.91 3673039.41 6.98596 464268.91
3673049.41 5.79541
464278.91 3673049.41 6.01131 464288.91
3673049.41 6.19979
464298.91 3673049.41 6.42314 464308.91
3673049.41 6.74375
464258.91 3673059.41 5.69754 464268.91
3673059.41 5.88080
464278.91 3673059.41 6.10379 464288.91
3673059.41 6.32813
464298.91 3673059.41 6.60814 464258.91
3673069.41 5.77746
464268.91 3673069.41 5.97658 464278.91
3673069.41 6.22124
464288.91 3673069.41 6.49046 464298.91
3673069.41 6.88340
464268.91 3673079.41 6.08845 464278.91
3673079.41 6.37373
464288.91 3673079.41 6.72726 464278.91
3673089.41 6.70464
464358.91 3672919.41 0.44293 464368.91
3672919.41 0.44004
464378.91 3672919.41 0.43614 464358.91
3672929.41 0.43823
464368.91 3672929.41 0.43370 464378.91
3672929.41 0.42853
464388.91 3672929.41 0.42012 464348.91
3672939.41 0.43844
464358.91 3672939.41 0.43333 464368.91
3672939.41 0.42613
464378.91 3672939.41 0.41913 464388.91
3672939.41 0.41226
464338.91 3672949.41 0.43905 464348.91
3672949.41 0.43421
464358.91 3672949.41 0.42842 464368.91
3672949.41 0.41910
464378.91 3672949.41 0.41115 464338.91

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INLDTRVL ***
INCLUDING SOURCE(S): L0005606 , L0005607 , L0005608 , L0005609 , L0005610 ,
L0005611 , L0005612 , L0005613 , L0005614 , L0005615 , L0005616 , L0005617 , L0005618 ,
L0005619 , L0005620 , L0005621 , L0005622 , L0005623 , L0005624 , L0005625 , L0005626 ,
L0005627 , L0005628 , L0005629 , L0005630 , L0005631 , L0005632 , L0005633 , . . . ,

*** 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
464368.91	3672959.41	0.41411	464378.91	3672959.41	0.40894
464328.91	3672969.41	0.43627	464338.91	3672969.41	0.43169
464348.91	3672969.41	0.42551	464358.91	3672969.41	0.41929
464368.91	3672969.41	0.41243	464318.91	3672979.41	0.43607
464328.91	3672979.41	0.43307	464338.91	3672979.41	0.42789
464348.91	3672979.41	0.42132	464358.91	3672979.41	0.41668
464328.91	3672989.41	0.43454	464338.91	3672989.41	0.42965
464348.91	3672989.41	0.42022	464348.91	3672999.41	0.42446
464298.91	3673009.41	0.42956	464288.91	3673019.41	0.43142

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         464298.91    3673019.41        0.42609                        464308.91
3673019.41        0.42044
         464318.91    3673019.41        0.43874                        464288.91
3673029.41        0.43060
         464298.91    3673029.41        0.42377                        464308.91
3673029.41        0.41661
         464318.91    3673029.41        0.42494                        464328.91
3673029.41        0.43867
         464278.91    3673039.41        0.43459                        464288.91
3673039.41        0.42909
         464298.91    3673039.41        0.42101                        464308.91
3673039.41        0.41299
         464318.91    3673039.41        0.41381                        464268.91
3673049.41        0.43462
         464278.91    3673049.41        0.43256                        464288.91
3673049.41        0.42568
         464298.91    3673049.41        0.41720                        464308.91
3673049.41        0.40979
         464258.91    3673059.41        0.43334                        464268.91
3673059.41        0.43043
         464278.91    3673059.41        0.42644                        464288.91
3673059.41        0.41895
         464298.91    3673059.41        0.41060                        464258.91
3673069.41        0.42961
         464268.91    3673069.41        0.42550                        464278.91
3673069.41        0.42024
         464288.91    3673069.41        0.41241                        464298.91
3673069.41        0.40611
         464268.91    3673079.41        0.42006                        464278.91
3673079.41        0.41439
         464288.91    3673079.41        0.40781                        464278.91
3673089.41        0.41540
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                  PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OCIDLE   ***
                                  INCLUDING SOURCE(S):     OCIDLE      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464358.91	3672919.41	0.76018	464368.91	3672919.41	0.80661
464378.91	3672919.41	0.86809	464358.91	3672929.41	0.75561
464368.91	3672929.41	0.80665	464378.91	3672929.41	0.87644
464388.91	3672929.41	0.97867	464348.91	3672939.41	0.70980
464358.91	3672939.41	0.75276	464368.91	3672939.41	0.81069
464378.91	3672939.41	0.89144	464388.91	3672939.41	1.00951
464338.91	3672949.41	0.66907	464348.91	3672949.41	0.70536
464358.91	3672949.41	0.75236	464368.91	3672949.41	0.81864
464378.91	3672949.41	0.91259	464338.91	3672959.41	0.66358
464348.91	3672959.41	0.70297	464358.91	3672959.41	0.75526
464368.91	3672959.41	0.83072	464378.91	3672959.41	0.93854
464328.91	3672969.41	0.62700	464338.91	3672969.41	0.65973
464348.91	3672969.41	0.70278	464358.91	3672969.41	0.76183
464368.91	3672969.41	0.84752	464318.91	3672979.41	0.59476
464328.91	3672979.41	0.62222	464338.91	3672979.41	0.65777
464348.91	3672979.41	0.70597	464358.91	3672979.41	0.77292
464328.91	3672989.41	0.61695	464338.91	3672989.41	0.65588
464348.91	3672989.41	0.71184	464348.91	3672999.41	0.72044
464298.91	3673009.41	0.53588	464288.91	3673019.41	0.51168
464298.91	3673019.41	0.53177	464308.91	3673019.41	0.55588
464318.91	3673019.41	0.57729	464288.91	3673029.41	0.50657
464298.91	3673029.41	0.52809	464308.91	3673029.41	0.55475
464318.91	3673029.41	0.58329	464328.91	3673029.41	0.62355

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         464278.91    3673039.41        0.48373                        464288.91
3673039.41        0.50232
         464298.91    3673039.41        0.52566                        464308.91
3673039.41        0.55542
         464318.91    3673039.41        0.59204                        464268.91
3673049.41        0.46396
         464278.91    3673049.41        0.47953                        464288.91
3673049.41        0.49955
         464298.91    3673049.41        0.52503                        464308.91
3673049.41        0.55834
         464258.91    3673059.41        0.44607                        464268.91
3673059.41        0.46041
         464278.91    3673059.41        0.47726                        464288.91
3673059.41        0.49899
         464298.91    3673059.41        0.52735                        464258.91
3673069.41        0.44241
         464268.91    3673069.41        0.45753                        464278.91
3673069.41        0.47585
         464288.91    3673069.41        0.49985                        464298.91
3673069.41        0.53149
         464268.91    3673079.41        0.45545                        464278.91
3673079.41        0.47542
         464288.91    3673079.41        0.50199                        464278.91
3673089.41        0.47414
         464358.91    3672919.41        1.44888                        464368.91
3672919.41        1.52744
         464378.91    3672919.41        1.62455                        464358.91
3672929.41        1.43914
         464368.91    3672929.41        1.52396                        464378.91
3672929.41        1.63110
         464388.91    3672929.41        1.78178                        464348.91
3672939.41        1.35653
         464358.91    3672939.41        1.43157                        464368.91
3672939.41        1.52757
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***       16:29:24

                                 PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OCIDLE   ***
                                  INCLUDING SOURCE(S):     OCIDLE      ,

                                            *** 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
464378.91	3672939.41	1.64953	464388.91	3672939.41	1.81696
464338.91	3672949.41	1.28228	464348.91	3672949.41	1.34765
464358.91	3672949.41	1.42677	464368.91	3672949.41	1.53502
464378.91	3672949.41	1.67479	464338.91	3672959.41	1.27255
464348.91	3672959.41	1.34189	464358.91	3672959.41	1.42623
464368.91	3672959.41	1.54454	464378.91	3672959.41	1.69833
464328.91	3672969.41	1.20739	464338.91	3672969.41	1.26540
464348.91	3672969.41	1.33772	464358.91	3672969.41	1.42910
464368.91	3672969.41	1.55629	464318.91	3672979.41	1.15062
464328.91	3672979.41	1.19930	464338.91	3672979.41	1.26027
464348.91	3672979.41	1.33827	464358.91	3672979.41	1.43670
464328.91	3672989.41	1.18358	464338.91	3672989.41	1.24683
464348.91	3672989.41	1.33810	464348.91	3672999.41	1.33570
464298.91	3673009.41	1.05379	464288.91	3673019.41	1.00994
464298.91	3673019.41	1.05014	464308.91	3673019.41	1.09501
464318.91	3673019.41	1.10396	464288.91	3673029.41	1.00199
464298.91	3673029.41	1.04503	464308.91	3673029.41	1.09449
464318.91	3673029.41	1.12404	464328.91	3673029.41	1.16625
464278.91	3673039.41	0.95811	464288.91	3673039.41	0.99543
464298.91	3673039.41	1.04160	464308.91	3673039.41	1.09606
464318.91	3673039.41	1.14801	464268.91	3673049.41	0.92306
464278.91	3673049.41	0.95238	464288.91	3673049.41	0.99245

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         464298.91    3673049.41        1.04146                        464308.91
3673049.41        1.10062
         464258.91    3673059.41        0.89201                        464268.91
3673059.41        0.92073
         464278.91    3673059.41        0.95329                        464288.91
3673059.41        0.99601
         464298.91    3673059.41        1.04938                        464258.91
3673069.41        0.88912
         464268.91    3673069.41        0.91948                        464278.91
3673069.41        0.95485
         464288.91    3673069.41        1.00122                        464298.91
3673069.41        1.05858
         464268.91    3673079.41        0.91935                        464278.91
3673079.41        0.95707
         464288.91    3673079.41        1.00663                        464278.91
3673089.41        0.95020
         464358.91    3672919.41        5.62588                        464368.91
3672919.41        5.84487
         464378.91    3672919.41        6.08725                        464358.91
3672929.41        5.53229
         464368.91    3672929.41        5.74887                        464378.91
3672929.41        5.99740
         464388.91    3672929.41        6.28977                        464348.91
3672939.41        5.24624
         464358.91    3672939.41        5.44157                        464368.91
3672939.41        5.66478
         464378.91    3672939.41        5.92142                        464388.91
3672939.41        6.21865
         464338.91    3672949.41        4.98542                        464348.91
3672949.41        5.16177
         464358.91    3672949.41        5.36006                        464368.91
3672949.41        5.59165
         464378.91    3672949.41        5.85511                        464338.91
3672959.41        4.90667
         464348.91    3672959.41        5.08617                        464358.91
3672959.41        5.29065
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                  PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                               *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OCIDLE   ***
                                  INCLUDING SOURCE(S):     OCIDLE      ,

                                            *** 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
464368.91	3672959.41	5.52807	464378.91	3672959.41	5.79344
464328.91	3672969.41	4.67492	464338.91	3672969.41	4.83602
464348.91	3672969.41	5.02056	464358.91	3672969.41	5.23112
464368.91	3672969.41	5.47093	464318.91	3672979.41	4.46384
464328.91	3672979.41	4.60869	464338.91	3672979.41	4.77491
464348.91	3672979.41	4.96549	464358.91	3672979.41	5.17920
464328.91	3672989.41	4.54466	464338.91	3672989.41	4.71618
464348.91	3672989.41	4.91563	464348.91	3672999.41	4.86710
464298.91	3673009.41	4.04298	464288.91	3673019.41	3.87992
464298.91	3673019.41	3.99730	464308.91	3673019.41	4.12829
464318.91	3673019.41	4.24428	464288.91	3673029.41	3.83419
464298.91	3673029.41	3.95693	464308.91	3673029.41	4.09298
464318.91	3673029.41	4.22649	464328.91	3673029.41	4.36939
464278.91	3673039.41	3.68238	464288.91	3673039.41	3.79529
464298.91	3673039.41	3.92270	464308.91	3673039.41	4.06209
464318.91	3673039.41	4.20701	464268.91	3673049.41	3.54502
464278.91	3673049.41	3.64616	464288.91	3673049.41	3.76369
464298.91	3673049.41	3.89374	464308.91	3673049.41	4.03416
464258.91	3673059.41	3.41797	464268.91	3673059.41	3.51320
464278.91	3673059.41	3.61940	464288.91	3673059.41	3.73944
464298.91	3673059.41	3.87041	464258.91	3673069.41	3.38732

                               *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OCTRVL   ***
                                  INCLUDING SOURCE(S):   L0005182   , L0005183
, L0005184   , L0005185   , L0005186   ,
                  L0005187   , L0005188   , L0005189   , L0005190   , L0005191
, L0005192   , L0005193   , L0005194   ,
                  L0005195   , L0005196   , L0005197   , L0005198   , L0005199
, L0005200   , L0005201   , L0005202   ,
                  L0005203   , L0005204   , L0005205   , L0005206   , L0005207
, L0005208   , L0005209   , . . .   ,

                                     *** 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
 -
- -
         464358.91   3672919.41   17.03448   464368.91
3672919.41   17.76265
         464378.91   3672919.41   18.63614   464358.91
3672929.41   17.61294
         464368.91   3672929.41   18.46562   464378.91
3672929.41   19.51153
         464388.91   3672929.41   21.01658   464348.91
3672939.41   17.41541
         464358.91   3672939.41   18.25433   464368.91
3672939.41   19.30361
         464378.91   3672939.41   20.64582   464388.91
3672939.41   22.62718
         464338.91   3672949.41   17.21200   464348.91

3672949.41 18.01653
464358.91 3672949.41 18.98155 464368.91
3672949.41 20.29412
464378.91 3672949.41 22.08033 464338.91
3672959.41 17.77378
464348.91 3672959.41 18.70577 464358.91
3672959.41 19.82833
464368.91 3672959.41 21.47089 464378.91
3672959.41 23.92305
464328.91 3672969.41 17.55617 464338.91
3672969.41 18.40369
464348.91 3672969.41 19.47025 464358.91
3672969.41 20.84483
464368.91 3672969.41 22.97206 464318.91
3672979.41 17.37149
464328.91 3672979.41 18.14472 464338.91
3672979.41 19.11668
464348.91 3672979.41 20.38837 464358.91
3672979.41 22.13436
464328.91 3672989.41 18.65887 464338.91
3672989.41 19.76518
464348.91 3672989.41 21.44981 464348.91
3672999.41 22.76989
464298.91 3673009.41 17.59148 464288.91
3673019.41 17.31412
464298.91 3673019.41 18.14441 464308.91
3673019.41 19.12906
464318.91 3673019.41 19.58077 464288.91
3673029.41 17.77592
464298.91 3673029.41 18.72261 464308.91
3673029.41 19.88931
464318.91 3673029.41 20.89978 464328.91
3673029.41 22.47090
464278.91 3673039.41 17.44778 464288.91
3673039.41 18.30577
464298.91 3673039.41 19.39344 464308.91
3673039.41 20.79658
464318.91 3673039.41 22.51683 464268.91
3673049.41 17.25435
464278.91 3673049.41 17.97573 464288.91
3673049.41 18.96000
464298.91 3673049.41 20.23567 464308.91
3673049.41 21.97540
464258.91 3673059.41 17.10612 464268.91
3673059.41 17.83118
464278.91 3673059.41 18.68928 464288.91
3673059.41 19.83685
464298.91 3673059.41 21.40944 464258.91
3673069.41 17.66251
464268.91 3673069.41 18.49040 464278.91

3673069.41   19.50713
         464288.91   3673069.41   20.91005   464298.91
3673069.41   22.91778
         464268.91   3673079.41   19.25627   464278.91
3673079.41   20.48532
         464288.91   3673079.41   22.25619   464278.91
3673089.41   21.48457
         464358.91   3672919.41   5.98458   464368.91
3672919.41   6.18476
         464378.91   3672919.41   6.42925   464358.91
3672929.41   6.06576
         464368.91   3672929.41   6.27825   464378.91
3672929.41   6.54999
         464388.91   3672929.41   6.84187   464348.91
3672939.41   5.98610
         464358.91   3672939.41   6.16747   464368.91
3672939.41   6.37501

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OCTRVL   ***
                                  INCLUDING SOURCE(S):   L0005182   , L0005183 , L0005184   , L0005185   , L0005186   ,
                 L0005187   , L0005188   , L0005189   , L0005190   , L0005191 , L0005192   , L0005193   , L0005194   ,
                 L0005195   , L0005196   , L0005197   , L0005198   , L0005199 , L0005200   , L0005201   , L0005202   ,
                 L0005203   , L0005204   , L0005205   , L0005206   , L0005207 , L0005208   , L0005209   , . . .   ,

                                          *** 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
 - - -

```
        464358.91    3672949.41        6.29651                    464368.91
3672949.41        6.50974
        464378.91    3672949.41        6.83339                    464338.91
3672959.41        6.02157
        464348.91    3672959.41        6.20486                    464358.91
3672959.41        6.45523
        464368.91    3672959.41        6.72029                    464378.91
3672959.41        7.19603
        464328.91    3672969.41        5.95095                    464338.91
3672969.41        6.14255
        464348.91    3672969.41        6.36847                    464358.91
3672969.41        6.66931
        464368.91    3672969.41        7.05609                    464318.91
3672979.41        5.86847
        464328.91    3672979.41        6.07111                    464338.91
3672979.41        6.29650
        464348.91    3672979.41        6.56668                    464358.91
3672979.41        6.96382
        464328.91    3672989.41        6.30479                    464338.91
3672989.41        6.59263
        464348.91    3672989.41        6.87380                    464348.91
3672999.41        7.36046
        464298.91    3673009.41        5.75708                    464288.91
3673019.41        5.72822
        464298.91    3673019.41        5.86678                    464308.91
3673019.41        6.05217
        464318.91    3673019.41        6.76509                    464288.91
3673029.41        5.87618
        464298.91    3673029.41        6.02998                    464308.91
3673029.41        6.23489
        464318.91    3673029.41        6.83086                    464328.91
3673029.41        7.66913
        464278.91    3673039.41        5.87155                    464288.91
3673039.41        6.04000
        464298.91    3673039.41        6.21846                    464308.91
3673039.41        6.46246
        464318.91    3673039.41        6.98596                    464268.91
3673049.41        5.79541
        464278.91    3673049.41        6.01131                    464288.91
3673049.41        6.19979
        464298.91    3673049.41        6.42314                    464308.91
3673049.41        6.74375
        464258.91    3673059.41        5.69754                    464268.91
3673059.41        5.88080
        464278.91    3673059.41        6.10379                    464288.91
3673059.41        6.32813
        464298.91    3673059.41        6.60814                    464258.91
3673069.41        5.77746
        464268.91    3673069.41        5.97658                    464278.91
3673069.41        6.22124
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         464288.91    3673069.41        6.49046                        464298.91
3673069.41        6.88340
         464268.91    3673079.41        6.08845                        464278.91
3673079.41        6.37373
         464288.91    3673079.41        6.72726                        464278.91
3673089.41        6.70464
         464358.91    3672919.41        0.44293                        464368.91
3672919.41        0.44004
         464378.91    3672919.41        0.43614                        464358.91
3672929.41        0.43823
         464368.91    3672929.41        0.43370                        464378.91
3672929.41        0.42853
         464388.91    3672929.41        0.42012                        464348.91
3672939.41        0.43844
         464358.91    3672939.41        0.43333                        464368.91
3672939.41        0.42613
         464378.91    3672939.41        0.41913                        464388.91
3672939.41        0.41226
         464338.91    3672949.41        0.43905                        464348.91
3672949.41        0.43421
         464358.91    3672949.41        0.42842                        464368.91
3672949.41        0.41910
         464378.91    3672949.41        0.41115                        464338.91
3672959.41        0.43561
         464348.91    3672959.41        0.42953                        464358.91
3672959.41        0.42340
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                      ***        16:29:24

                                   PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OCTRVL   ***
                                   INCLUDING SOURCE(S):     L0005182    , L0005183
, L0005184    , L0005185    , L0005186    ,
                  L0005187    , L0005188    , L0005189    , L0005190    , L0005191
, L0005192    , L0005193    , L0005194    ,
                  L0005195    , L0005196    , L0005197    , L0005198    , L0005199
, L0005200    , L0005201    , L0005202    ,
                  L0005203    , L0005204    , L0005205    , L0005206    , L0005207
, L0005208    , L0005209    ,  . . .      ,

                                                *** 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
464368.91	3672959.41	0.41411	464378.91	3672959.41	0.40894
464328.91	3672969.41	0.43627	464338.91	3672969.41	0.43169
464348.91	3672969.41	0.42551	464358.91	3672969.41	0.41929
464368.91	3672969.41	0.41243	464318.91	3672979.41	0.43607
464328.91	3672979.41	0.43307	464338.91	3672979.41	0.42789
464348.91	3672979.41	0.42132	464358.91	3672979.41	0.41668
464328.91	3672989.41	0.43454	464338.91	3672989.41	0.42965
464348.91	3672989.41	0.42022	464348.91	3672999.41	0.42446
464298.91	3673009.41	0.42956	464288.91	3673019.41	0.43142
464298.91	3673019.41	0.42609	464308.91	3673019.41	0.42044
464318.91	3673019.41	0.43874	464288.91	3673029.41	0.43060
464298.91	3673029.41	0.42377	464308.91	3673029.41	0.41661
464318.91	3673029.41	0.42494	464328.91	3673029.41	0.43867
464278.91	3673039.41	0.43459	464288.91	3673039.41	0.42909
464298.91	3673039.41	0.42101	464308.91	3673039.41	0.41299
464318.91	3673039.41	0.41381	464268.91	3673049.41	0.43462
464278.91	3673049.41	0.43256	464288.91	3673049.41	0.42568
464298.91	3673049.41	0.41720	464308.91	3673049.41	0.40979
464258.91	3673059.41	0.43334	464268.91	3673059.41	0.43043
464278.91	3673059.41	0.42644	464288.91	3673059.41	0.41895
464298.91	3673059.41	0.41060	464258.91	3673069.41	0.42961
464268.91	3673069.41	0.42550	464278.91	3673069.41	0.42024
464288.91	3673069.41	0.41241	464298.91		

3673069.41 0.40611
 464268.91 3673079.41 0.42006 464278.91
3673079.41 0.41439
 464288.91 3673079.41 0.40781 464278.91
3673089.41 0.41540

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPRNIDLE ***
INCLUDING SOURCE(S): SPRNIDLE ,

*** 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
464358.91	3672919.41	0.44861	464368.91	3672919.41	0.46097
464378.91	3672919.41	0.47410	464358.91	3672929.41	0.44397
464368.91	3672929.41	0.45644	464378.91	3672929.41	0.46976
464388.91	3672929.41	0.48536	464348.91	3672939.41	0.42755
464358.91	3672939.41	0.43940	464368.91	3672939.41	0.45244
464378.91	3672939.41	0.46643	464388.91	3672939.41	0.48244
464338.91	3672949.41	0.41212	464348.91	3672949.41	0.42317
464358.91	3672949.41	0.43494	464368.91	3672949.41	0.44859
464378.91	3672949.41	0.46349	464338.91	3672959.41	0.40792
464348.91	3672959.41	0.41901	464358.91	3672959.41	0.43074
464368.91	3672959.41	0.44466	464378.91	3672959.41	0.45994
464328.91	3672969.41	0.39390	464338.91		

3672969.41 0.40392
464348.91 3672969.41 0.41485 464358.91
3672969.41 0.42670
464368.91 3672969.41 0.44066 464318.91
3672979.41 0.38100
464328.91 3672979.41 0.39006 464338.91
3672979.41 0.40003
464348.91 3672979.41 0.41106 464358.91
3672979.41 0.42295
464328.91 3672989.41 0.38518 464338.91
3672989.41 0.39498
464348.91 3672989.41 0.40698 464348.91
3672999.41 0.40238
464298.91 3673009.41 0.35546 464288.91
3673019.41 0.34471
464298.91 3673019.41 0.35272 464308.91
3673019.41 0.36104
464318.91 3673019.41 0.36429 464288.91
3673029.41 0.34159
464298.91 3673029.41 0.34977 464308.91
3673029.41 0.35841
464318.91 3673029.41 0.36391 464328.91
3673029.41 0.37001
464278.91 3673039.41 0.33113 464288.91
3673039.41 0.33862
464298.91 3673039.41 0.34700 464308.91
3673039.41 0.35598
464318.91 3673039.41 0.36390 464268.91
3673049.41 0.32193
464278.91 3673049.41 0.32840 464288.91
3673049.41 0.33611
464298.91 3673049.41 0.34462 464308.91
3673049.41 0.35387
464258.91 3673059.41 0.31342 464268.91
3673059.41 0.31978
464278.91 3673059.41 0.32654 464288.91
3673059.41 0.33440
464298.91 3673059.41 0.34322 464258.91
3673069.41 0.31131
464268.91 3673069.41 0.31778 464278.91
3673069.41 0.32476
464288.91 3673069.41 0.33289 464298.91
3673069.41 0.34193
464268.91 3673079.41 0.31595 464278.91
3673079.41 0.32307
464288.91 3673079.41 0.33137 464278.91
3673089.41 0.32015
464358.91 3672919.41 0.88581 464368.91
3672919.41 0.91132
464378.91 3672919.41 0.93893 464358.91

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPRNIDLE ***
INCLUDING SOURCE(S): SPRNIDLE ,

*** 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
464378.91	3672939.41	0.94210	464388.91	3672939.41	0.98333
464338.91	3672949.41	0.82300	464348.91	3672949.41	0.84761
464358.91	3672949.41	0.87428	464368.91	3672949.41	0.90858
464378.91	3672949.41	0.94705	464338.91	3672959.41	0.81866
464348.91	3672959.41	0.84411	464358.91	3672959.41	0.87118
464368.91	3672959.41	0.90733	464378.91	3672959.41	0.94794
464328.91	3672969.41	0.79270	464338.91	3672969.41	0.81487
464348.91	3672969.41	0.84008	464358.91	3672969.41	0.86814
464368.91	3672969.41	0.90477	464318.91	3672979.41	0.76942
464328.91	3672979.41	0.78864	464338.91	3672979.41	0.81110
464348.91	3672979.41	0.83725	464358.91		

3672979.41 0.86572
464328.91 3672989.41 0.77881 464338.91 3672989.41 0.80076
464348.91 3672989.41 0.83205 464348.91 3672999.41 0.82334
464298.91 3673009.41 0.72909 464288.91 3673019.41 0.70879
464298.91 3673019.41 0.72769 464308.91 3673019.41 0.74702
464318.91 3673019.41 0.73934 464288.91 3673029.41 0.70462
464298.91 3673029.41 0.72472 464308.91 3673029.41 0.74591
464318.91 3673029.41 0.74959 464328.91 3673029.41 0.75486
464278.91 3673039.41 0.68293 464288.91 3673039.41 0.70086
464298.91 3673039.41 0.72218 464308.91 3673039.41 0.74521
464318.91 3673039.41 0.76120 464268.91 3673049.41 0.66600
464278.91 3673049.41 0.67982 464288.91 3673049.41 0.69892
464298.91 3673049.41 0.72102 464308.91 3673049.41 0.74543
464258.91 3673059.41 0.65081 464268.91 3673059.41 0.66524
464278.91 3673059.41 0.68072 464288.91 3673059.41 0.70072
464298.91 3673059.41 0.72433 464258.91 3673069.41 0.64970
464268.91 3673069.41 0.66485 464278.91 3673069.41 0.68156
464288.91 3673069.41 0.70292 464298.91 3673069.41 0.72754
464268.91 3673079.41 0.66480 464278.91 3673079.41 0.68227
464288.91 3673079.41 0.70449 464278.91 3673089.41 0.67616
464358.91 3672919.41 3.46216 464368.91 3672919.41 3.54740
464378.91 3672919.41 3.64138 464358.91 3672929.41 3.42137
464368.91 3672929.41 3.50966 464378.91 3672929.41 3.60812
464388.91 3672929.41 3.72237 464348.91 3672939.41 3.30081
464358.91 3672939.41 3.38413 464368.91 3672939.41 3.47809
464378.91 3672939.41 3.58234 464388.91

3672939.41 3.69948
  464338.91 3672949.41 3.18727 464348.91 3672949.41 3.26516
  464358.91 3672949.41 3.35143 464368.91 3672949.41 3.45102
  464378.91 3672949.41 3.56024 464338.91 3672959.41 3.15305
  464348.91 3672959.41 3.23423 464358.91 3672959.41 3.32381

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPRNIDLE ***
INCLUDING SOURCE(S): SPRNIDLE ,

*** 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
464368.91	3672959.41	3.42697	464378.91	3672959.41	3.53840
464328.91	3672969.41	3.04876	464338.91	3672969.41	3.12327
464348.91	3672969.41	3.20710	464358.91	3672969.41	3.30010
464368.91	3672969.41	3.40507	464318.91	3672979.41	2.95169
464328.91	3672979.41	3.01994	464338.91	3672979.41	3.09751
464348.91	3672979.41	3.18469	464358.91	3672979.41	3.27972
464328.91	3672989.41	2.98917	464338.91	3672989.41	3.06924
464348.91	3672989.41	3.16323	464348.91	3672999.41	3.14071
464298.91	3673009.41	2.75397	464288.91	3673019.41	2.67247
464298.91	3673019.41	2.73357	464308.91		

```
3673019.41        2.80003
         464318.91    3673019.41        2.84546                        464288.91
3673029.41        2.65033
         464298.91    3673029.41        2.71479                        464308.91
3673029.41        2.78458
         464318.91    3673029.41        2.84448                        464328.91
3673029.41        2.90673
         464278.91    3673039.41        2.57125                        464288.91
3673039.41        2.63147
         464298.91    3673039.41        2.69887                        464308.91
3673039.41        2.77123
         464318.91    3673039.41        2.84220                        464268.91
3673049.41        2.49975
         464278.91    3673049.41        2.55356                        464288.91
3673049.41        2.61671
         464298.91    3673049.41        2.68590                        464308.91
3673049.41        2.75959
         464258.91    3673059.41        2.43276                        464268.91
3673059.41        2.48489
         464278.91    3673059.41        2.54206                        464288.91
3673059.41        2.60690
         464298.91    3673059.41        2.67728                        464258.91
3673069.41        2.41798
         464268.91    3673069.41        2.47249                        464278.91
3673069.41        2.53199
         464288.91    3673069.41        2.59824                        464298.91
3673069.41        2.66871
         464268.91    3673079.41        2.46204                        464278.91
3673079.41        2.52281
         464288.91    3673079.41        2.58946                        464278.91
3673089.41        2.50874
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                      ***        16:29:24

                                   PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPRNTRVL ***
                                   INCLUDING SOURCE(S):     L0003884    , L0003885
, L0003886    , L0003887    , L0003888    ,
                  L0003889    , L0003890    , L0003891    , L0003892    , L0003893
, L0003894    , L0003895    , L0003896    ,
                  L0003897    , L0003898    , L0003899    , L0003900    , L0003901
, L0003902    , L0003903    , L0003904    ,
                  L0003905    , L0003906    , L0003907    , L0003908    , L0003909
, L0003910    , L0003911    ,  . . .      ,
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*** 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
464358.91	3672919.41	3.72913	464368.91	3672919.41	3.77172
464378.91	3672919.41	3.81563	464358.91	3672929.41	3.69670
464368.91	3672929.41	3.73702	464378.91	3672929.41	3.78092
464388.91	3672929.41	3.82556	464348.91	3672939.41	3.62326
464358.91	3672939.41	3.66232	464368.91	3672939.41	3.70320
464378.91	3672939.41	3.74696	464388.91	3672939.41	3.79199
464338.91	3672949.41	3.55242	464348.91	3672949.41	3.58981
464358.91	3672949.41	3.63058	464368.91	3672949.41	3.67129
464378.91	3672949.41	3.71427	464338.91	3672959.41	3.52215
464348.91	3672959.41	3.55930	464358.91	3672959.41	3.59726
464368.91	3672959.41	3.63922	464378.91	3672959.41	3.67690
464328.91	3672969.41	3.45534	464338.91	3672969.41	3.49032
464348.91	3672969.41	3.52897	464358.91	3672969.41	3.56646
464368.91	3672969.41	3.60747	464318.91	3672979.41	3.39138
464328.91	3672979.41	3.42654	464338.91	3672979.41	3.46115
464348.91	3672979.41	3.49729	464358.91	3672979.41	3.53627
464328.91	3672989.41	3.39599	464338.91	3672989.41	3.43232
464348.91	3672989.41	3.46762	464348.91	3672999.41	3.43955
464298.91	3673009.41	3.24339	464288.91	3673019.41	3.18633
464298.91	3673019.41	3.21588	464308.91	3673019.41	3.24794

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         464318.91    3673019.41        3.28117                        464288.91
3673029.41        3.16116
         464298.91    3673029.41        3.19052                        464308.91
3673029.41        3.22230
         464318.91    3673029.41        3.25635                        464328.91
3673029.41        3.28835
         464278.91    3673039.41        3.10824                        464288.91
3673039.41        3.13655
         464298.91    3673039.41        3.16568                        464308.91
3673039.41        3.19700
         464318.91    3673039.41        3.22900                        464268.91
3673049.41        3.05590
         464278.91    3673049.41        3.08452                        464288.91
3673049.41        3.11268
         464298.91    3673049.41        3.14136                        464308.91
3673049.41        3.17202
         464258.91    3673059.41        3.00338                        464268.91
3673059.41        3.03132
         464278.91    3673059.41        3.05994                        464288.91
3673059.41        3.08752
         464298.91    3673059.41        3.11716                        464258.91
3673069.41        2.98134
         464268.91    3673069.41        3.00902                        464278.91
3673069.41        3.03543
         464288.91    3673069.41        3.06420                        464298.91
3673069.41        3.09098
         464268.91    3673079.41        2.98505                        464278.91
3673079.41        3.01297
         464288.91    3673079.41        3.04097                        464278.91
3673089.41        2.99081
         464358.91    3672919.41        1.24462                        464368.91
3672919.41        1.25418
         464378.91    3672919.41        1.26463                        464358.91
3672929.41        1.22986
         464368.91    3672929.41        1.23734                        464378.91
3672929.41        1.24566
         464388.91    3672929.41        1.24388                        464348.91
3672939.41        1.21230
         464358.91    3672939.41        1.21700                        464368.91
3672939.41        1.21897
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                      ***        16:29:24

                                   PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPRNTRVL ***
```

```
                                  INCLUDING SOURCE(S):     L0003884    , L0003885
, L0003886    , L0003887    , L0003888    ,
                  L0003889    , L0003890    , L0003891    , L0003892    , L0003893
, L0003894    , L0003895    , L0003896    ,
                  L0003897    , L0003898    , L0003899    , L0003900    , L0003901
, L0003902    , L0003903    , L0003904    ,
                  L0003905    , L0003906    , L0003907    , L0003908    , L0003909
, L0003910    , L0003911    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         464378.91    3672939.41        1.22159                       464388.91
3672939.41        1.21772
         464338.91    3672949.41        1.19657                       464348.91
3672949.41        1.20092
         464358.91    3672949.41        1.20599                       464368.91
3672949.41        1.20252
         464378.91    3672949.41        1.19841                       464338.91
3672959.41        1.18655
         464348.91    3672959.41        1.19014                       464358.91
3672959.41        1.19553
         464368.91    3672959.41        1.19008                       464378.91
3672959.41        1.18391
         464328.91    3672969.41        1.17053                       464338.91
3672969.41        1.17713
         464348.91    3672969.41        1.18215                       464358.91
3672969.41        1.18665
         464368.91    3672969.41        1.18142                       464318.91
3672979.41        1.15290
         464328.91    3672979.41        1.16239                       464338.91
3672979.41        1.16930
         464348.91    3672979.41        1.17346                       464358.91
3672979.41        1.17809
         464328.91    3672989.41        1.16782                       464338.91
3672989.41        1.17615
         464348.91    3672989.41        1.17059                       464348.91
3672999.41        1.17554
         464298.91    3673009.41        1.10062                       464288.91
3673019.41        1.08714
         464298.91    3673019.41        1.09059                       464308.91
3673019.41        1.09658
         464318.91    3673019.41        1.16182                       464288.91
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3673029.41        1.08328
         464298.91    3673029.41        1.08500                    464308.91
3673029.41        1.08814
         464318.91    3673029.41        1.12858                    464328.91
3673029.41        1.17077
         464278.91    3673039.41        1.07624                    464288.91
3673039.41        1.07975
         464298.91    3673039.41        1.07970                    464308.91
3673039.41        1.07998
         464318.91    3673039.41        1.09655                    464268.91
3673049.41        1.06164
         464278.91    3673049.41        1.07176                    464288.91
3673049.41        1.07352
         464298.91    3673049.41        1.07265                    464308.91
3673049.41        1.07102
         464258.91    3673059.41        1.04560                    464268.91
3673059.41        1.05247
         464278.91    3673059.41        1.05979                    464288.91
3673059.41        1.06072
         464298.91    3673059.41        1.05800                    464258.91
3673069.41        1.03757
         464268.91    3673069.41        1.04365                    464278.91
3673069.41        1.04916
         464288.91    3673069.41        1.04824                    464298.91
3673069.41        1.04461
         464268.91    3673079.41        1.03514                    464278.91
3673079.41        1.03974
         464288.91    3673079.41        1.03792                    464278.91
3673089.41        1.04457
         464358.91    3672919.41        0.16691                    464368.91
3672919.41        0.16712
         464378.91    3672919.41        0.16738                    464358.91
3672929.41        0.16525
         464368.91    3672929.41        0.16515                    464378.91
3672929.41        0.16509
         464388.91    3672929.41        0.16370                    464348.91
3672939.41        0.16427
         464358.91    3672939.41        0.16380                    464368.91
3672939.41        0.16292
         464378.91    3672939.41        0.16212                    464388.91
3672939.41        0.16055
         464338.91    3672949.41        0.16350                    464348.91
3672949.41        0.16300
         464358.91    3672949.41        0.16256                    464368.91
3672949.41        0.16093
         464378.91    3672949.41        0.15930                    464338.91
3672959.41        0.16243
         464348.91    3672959.41        0.16179                    464358.91
3672959.41        0.16135
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPRNTRVL ***
                                INCLUDING SOURCE(S):   L0003884   , L0003885
, L0003886   , L0003887   , L0003888   ,
                  L0003889   , L0003890   , L0003891   , L0003892   , L0003893
, L0003894   , L0003895   , L0003896   ,
                  L0003897   , L0003898   , L0003899   , L0003900   , L0003901
, L0003902   , L0003903   , L0003904   ,
                  L0003905   , L0003906   , L0003907   , L0003908   , L0003909
, L0003910   , L0003911   , . . .   ,

                                          *** 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
 -
- -
         464368.91   3672959.41   0.15946   464378.91
3672959.41   0.15760
         464328.91   3672969.41   0.16158   464338.91
3672969.41   0.16139
         464348.91   3672969.41   0.16093   464358.91
3672969.41   0.16035
         464368.91   3672969.41   0.15849   464318.91
3672979.41   0.16047
         464328.91   3672979.41   0.16073   464338.91
3672979.41   0.16055
         464348.91   3672979.41   0.15995   464358.91
3672979.41   0.15939
         464328.91   3672989.41   0.16184   464338.91
3672989.41   0.16183
         464348.91   3672989.41   0.15979   464348.91
3672999.41   0.16077
         464298.91   3673009.41   0.15593   464288.91
3673019.41   0.15531
         464298.91   3673019.41   0.15474   464308.91
3673019.41   0.15452
         464318.91   3673019.41   0.16325   464288.91
3673029.41   0.15503

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         464298.91    3673029.41        0.15418                        464308.91
3673029.41        0.15353
         464318.91    3673029.41        0.15842                        464328.91
3673029.41        0.16371
         464278.91    3673039.41        0.15539                        464288.91
3673039.41        0.15480
         464298.91    3673039.41        0.15366                        464308.91
3673039.41        0.15258
         464318.91    3673039.41        0.15390                        464268.91
3673049.41        0.15452
         464278.91    3673049.41        0.15501                        464288.91
3673049.41        0.15414
         464298.91    3673049.41        0.15286                        464308.91
3673049.41        0.15152
         464258.91    3673059.41        0.15339                        464268.91
3673059.41        0.15340
         464278.91    3673059.41        0.15344                        464288.91
3673059.41        0.15244
         464298.91    3673059.41        0.15093                        464258.91
3673069.41        0.15244
         464268.91    3673069.41        0.15231                        464278.91
3673069.41        0.15206
         464288.91    3673069.41        0.15081                        464298.91
3673069.41        0.14920
         464268.91    3673079.41        0.15125                        464278.91
3673079.41        0.15088
         464288.91    3673079.41        0.14951                        464278.91
3673089.41        0.15193
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                   PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     AMTKIDLE    , SPRNIDLE
, COASIDLE    , L0003884    , L0003885    ,
                  L0003886    , L0003887    , L0003888    , L0003889    , L0003890
, L0003891    , L0003892    , L0003893    ,
                  L0003894    , L0003895    , L0003896    , L0003897    , L0003898
, L0003899    , L0003900    , L0003901    ,
                  L0003902    , L0003903    , L0003904    , L0003905    , L0003906
, L0003907    , L0003908    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464358.91	3672919.41	81.08869	464368.91	3672919.41	84.34112
464378.91	3672919.41	88.24159	464358.91	3672929.41	83.28389
464368.91	3672929.41	87.05166	464378.91	3672929.41	91.67402
464388.91	3672929.41	98.28698	464348.91	3672939.41	82.06080
464358.91	3672939.41	85.73601	464368.91	3672939.41	90.32162
464378.91	3672939.41	96.18132	464388.91	3672939.41	104.75778
464338.91	3672949.41	80.84584	464348.91	3672949.41	84.34886
464358.91	3672949.41	88.54212	464368.91	3672949.41	94.22174
464378.91	3672949.41	101.91034	464338.91	3672959.41	82.97792
464348.91	3672959.41	87.00251	464358.91	3672959.41	91.84266
464368.91	3672959.41	98.87827	464378.91	3672959.41	109.27917
464328.91	3672969.41	81.74102	464338.91	3672969.41	85.38932
464348.91	3672969.41	89.96305	464358.91	3672969.41	95.84004
464368.91	3672969.41	104.85184	464318.91	3672979.41	80.66668
464328.91	3672979.41	83.98823	464338.91	3672979.41	88.14393
464348.91	3672979.41	93.55609	464358.91	3672979.41	100.95009
464328.91	3672989.41	85.92106	464338.91	3672989.41	90.62692
464348.91	3672989.41	97.73075	464348.91	3672999.41	102.94833
464298.91	3673009.41	80.85707	464288.91	3673019.41	79.47317
464298.91	3673019.41	82.97788	464308.91	3673019.41	87.12173
464318.91	3673019.41	89.06973	464288.91	3673029.41	81.22426
464298.91	3673029.41	85.20106	464308.91		

3673029.41   90.08489
         464318.91   3673029.41   94.32274   464328.91
3673029.41   100.84559
         464278.91   3673039.41   79.64710   464288.91
3673039.41   83.25304
         464298.91   3673039.41   87.80165   464308.91
3673039.41   93.64265
         464318.91   3673039.41   100.77275   464268.91
3673049.41   78.63431
         464278.91   3673049.41   81.67256   464288.91
3673049.41   85.78789
         464298.91   3673049.41   91.09863   464308.91
3673049.41   98.30001
         464258.91   3673059.41   77.81594   464268.91
3673059.41   80.86310
         464278.91   3673059.41   84.45322   464288.91
3673059.41   89.23018
         464298.91   3673059.41   95.73928   464258.91
3673069.41   79.96578
         464268.91   3673069.41   83.42523   464278.91
3673069.41   87.65670
         464288.91   3673069.41   93.46370   464298.91
3673069.41   101.72002
         464268.91   3673079.41   86.41852   464278.91
3673079.41   91.50738
         464288.91   3673079.41   98.79521   464278.91
3673089.41   95.42851
         464358.91   3672919.41   33.68640   464368.91
3672919.41   34.86132
         464378.91   3672919.41   36.29314   464358.91
3672929.41   33.92674
         464368.91   3672929.41   35.17190   464378.91
3672929.41   36.74893
         464388.91   3672929.41   38.56455   464348.91
3672939.41   33.19045
         464358.91   3672939.41   34.26330   464368.91
3672939.41   35.52263

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   AMTKIDLE   , SPRNIDLE
, COASIDLE   , L0003884   , L0003885   ,
                 L0003886   , L0003887   , L0003888   , L0003889   , L0003890

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, L0003891    , L0003892    , L0003893    ,
                L0003894    , L0003895    , L0003896    , L0003897    , L0003898
, L0003899    , L0003900    , L0003901    ,
                L0003902    , L0003903    , L0003904    , L0003905    , L0003906
, L0003907    , L0003908    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         464378.91    3672939.41       37.21008                      464388.91
3672939.41       39.48027
         464338.91    3672949.41       32.54771                      464348.91
3672949.41       33.51782
         464358.91    3672949.41       34.72548                      464368.91
3672949.41       36.04626
         464378.91    3672949.41       37.93791                      464338.91
3672959.41       32.88430
         464348.91    3672959.41       33.93753                      464358.91
3672959.41       35.32601
         464368.91    3672959.41       36.89100                      464378.91
3672959.41       39.44361
         464328.91    3672969.41       32.26487                      464338.91
3672969.41       33.30974
         464348.91    3672969.41       34.54886                      464358.91
3672969.41       36.16596
         464368.91    3672969.41       38.25424                      464318.91
3672979.41       31.63108
         464328.91    3672979.41       32.68662                      464338.91
3672979.41       33.87960
         464348.91    3672979.41       35.31708                      464358.91
3672979.41       37.34819
         464328.91    3672989.41       33.56074                      464338.91
3672989.41       35.01577
         464348.91    3672989.41       36.53069                      464348.91
3672999.41       38.46995
         464298.91    3673009.41       30.60969                      464288.91
3673019.41       30.25817
         464298.91    3673019.41       31.00638                      464308.91
3673019.41       31.96776
         464318.91    3673019.41       35.01760                      464288.91
3673029.41       30.80353
         464298.91    3673029.41       31.62095                      464308.91
3673029.41       32.67343
```

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         464318.91    3673029.41       35.28671                       464328.91
3673029.41       38.92653
         464278.91    3673039.41       30.56405                       464288.91
3673039.41       31.41918
         464298.91    3673039.41       32.34460                       464308.91
3673039.41       33.56796
         464318.91    3673039.41       35.93318                       464268.91
3673049.41       30.06039
         464278.91    3673049.41       31.08525                       464288.91
3673049.41       32.02833
         464298.91    3673049.41       33.14326                       464308.91
3673049.41       34.68829
         464258.91    3673059.41       29.48452                       464268.91
3673059.41       30.36862
         464278.91    3673059.41       31.42947                       464288.91
3673059.41       32.52530
         464298.91    3673059.41       33.88096                       464258.91
3673069.41       29.77123
         464268.91    3673069.41       30.72410                       464278.91
3673069.41       31.87951
         464288.91    3673069.41       33.16606                       464298.91
3673069.41       34.98789
         464268.91    3673079.41       31.14954                       464278.91
3673079.41       32.47520
         464288.91    3673079.41       34.11015                       464278.91
3673089.41       33.77650
         464358.91    3672919.41       28.11358                       464368.91
3672919.41       29.06469
         464378.91    3672919.41       30.11447                       464358.91
3672929.41       27.67528
         464368.91    3672929.41       28.61268                       464378.91
3672929.41       29.68581
         464388.91    3672929.41       30.93435                       464348.91
3672939.41       26.40762
         464358.91    3672939.41       27.25186                       464368.91
3672939.41       28.20914
         464378.91    3672939.41       29.31155                       464388.91
3672939.41       30.58795
         464338.91    3672949.41       25.25019                       464348.91
3672949.41       26.01395
         464358.91    3672949.41       26.87034                       464368.91
3672949.41       27.85660
         464378.91    3672949.41       28.98554                       464338.91
3672959.41       24.88447
         464348.91    3672959.41       25.65888                       464358.91
3672959.41       26.54204
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AMTKIDLE , SPRNIDLE , COASIDLE , L0003884 , L0003885 , L0003886 , L0003887 , L0003888 , L0003889 , L0003890 , L0003891 , L0003892 , L0003893 , L0003894 , L0003895 , L0003896 , L0003897 , L0003898 , L0003899 , L0003900 , L0003901 , L0003902 , L0003903 , L0003904 , L0003905 , L0003906 , L0003907 , L0003908 , . . . ,

*** 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
464368.91	3672959.41	27.55466	464378.91	3672959.41	28.70387
464328.91	3672969.41	23.85280	464338.91	3672969.41	24.55385
464348.91	3672969.41	25.35111	464358.91	3672969.41	26.26123
464368.91	3672969.41	27.29491	464318.91	3672979.41	22.90707
464328.91	3672979.41	23.54415	464338.91	3672979.41	24.26635
464348.91	3672979.41	25.08921	464358.91	3672979.41	26.02028
464328.91	3672989.41	23.26553	464338.91	3672989.41	24.01294
464348.91	3672989.41	24.86329	464348.91	3672999.41	24.66551
464298.91	3673009.41	20.98770	464288.91	3673019.41	20.25921
464298.91	3673019.41	20.76792	464308.91	3673019.41	21.33594
464318.91	3673019.41	21.93904	464288.91	3673029.41	20.05016
464298.91	3673029.41	20.57704	464308.91	3673029.41	21.16160
464318.91	3673029.41	21.80051	464328.91		

3673029.41   22.50201
         464278.91   3673039.41   19.37994   464288.91
3673039.41   19.86906
         464298.91   3673039.41   20.41184   464308.91
3673039.41   21.00786
         464318.91   3673039.41   21.66539   464268.91
3673049.41   18.75662
         464278.91   3673049.41   19.20840   464288.91
3673049.41   19.71269
         464298.91   3673049.41   20.26588   464308.91
3673049.41   20.86914
         464258.91   3673059.41   18.17316   464268.91
3673059.41   18.59514
         464278.91   3673059.41   19.06170   464288.91
3673059.41   19.57502
         464298.91   3673059.41   20.13300   464258.91
3673069.41   18.01870
         464268.91   3673069.41   18.45348   464278.91
3673069.41   18.92999
         464288.91   3673069.41   19.44843   464298.91
3673069.41   20.01101
         464268.91   3673079.41   18.32737   464278.91
3673079.41   18.80925
         464288.91   3673079.41   19.33185   464278.91
3673089.41   18.69798

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMTKIDLE ***
                                 INCLUDING SOURCE(S):   AMTKIDLE   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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3672929.41      151.55128  (21092807)
        464368.91   3672929.41      156.93968  (21092807)                464378.91
3672929.41      155.26840  (21092807)
        464388.91   3672929.41      148.97679  (21100420)                464348.91
3672939.41      149.71638  (21092807)
        464358.91   3672939.41      155.52124  (21092807)                464368.91
3672939.41      155.20384  (21092807)
        464378.91   3672939.41      147.81493  (21092807)                464388.91
3672939.41      146.09822  (21100420)
        464338.91   3672949.41      147.36740  (21092807)                464348.91
3672949.41      153.32343  (21092807)
        464358.91   3672949.41      153.55280  (21092807)                464368.91
3672949.41      147.92529  (21092807)
        464378.91   3672949.41      142.44621  (21100420)                464338.91
3672959.41      150.65733  (21092807)
        464348.91   3672959.41      151.58384  (21092807)                464358.91
3672959.41      146.59844  (21092807)
        464368.91   3672959.41      137.76914  (21100420)                464378.91
3672959.41      135.66940  (21100420)
        464328.91   3672969.41      147.82558  (21092807)                464338.91
3672969.41      149.07273  (21092807)
        464348.91   3672969.41      145.12765  (21092807)                464358.91
3672969.41      135.80654  (21092807)
        464368.91   3672969.41      131.83057  (21100420)                464318.91
3672979.41      144.88953  (21092807)
        464328.91   3672979.41      146.38491  (21092807)                464338.91
3672979.41      143.21071  (21092807)
        464348.91   3672979.41      135.20486  (21092807)                464358.91
3672979.41      127.82940  (21100420)
        464328.91   3672989.41      140.41227  (21092807)                464338.91
3672989.41      133.36115  (21092807)
        464348.91   3672989.41      125.58028  (21092824)                464348.91
3672999.41      116.88743  (21100420)
        464298.91   3673009.41      138.18763  (21092807)                464288.91
3673019.41      134.95230  (21092807)
        464298.91   3673019.41      134.31137  (21092807)                464308.91
3673019.41      129.97345  (21092807)
        464318.91   3673019.41      119.71156  (21092807)                464288.91
3673029.41      131.19512  (21092807)
        464298.91   3673029.41      127.70824  (21092807)                464308.91
3673029.41      120.86203  (21092807)
        464318.91   3673029.41      114.18149  (21092824)                464328.91
3673029.41      105.18877  (21092824)
        464278.91   3673039.41      128.05892  (21092807)                464288.91
3673039.41      125.07931  (21092807)
        464298.91   3673039.41      119.17645  (21092807)                464308.91
3673039.41      114.51065  (21092824)
        464318.91   3673039.41      107.61539  (21092824)                464268.91
3673049.41      125.22179  (21092807)
        464278.91   3673049.41      122.49998  (21092807)                464288.91
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3673049.41   117.25152 (21092807)
        464298.91   3673049.41   112.53105 (21092824)   464308.91
3673049.41   107.42633 (21092824)
        464258.91   3673059.41   122.44350 (21092807)   464268.91
3673059.41   120.28879 (21092807)
        464278.91   3673059.41   115.47785 (21092807)   464288.91
3673059.41   110.64480 (21092824)
        464298.91   3673059.41   106.38424 (21092824)   464258.91
3673069.41   117.87994 (21092807)
        464268.91   3673069.41   113.68433 (21092807)   464278.91
3673069.41   108.63911 (21092824)
        464288.91   3673069.41   105.00080 (21092824)   464298.91
3673069.41   99.05969 (21092824)
        464268.91   3673079.41   106.66848 (21092824)   464278.91
3673079.41   103.41877 (21092824)
        464288.91   3673079.41   98.16853 (21092824)   464278.91
3673089.41   96.57766 (21092824)
        464358.91   3672919.41   222.36774 (19070501)   464368.91
3672919.41   271.30891 (19070501)
        464378.91   3672919.41   297.25589 (19070501)   464358.91
3672929.41   261.61270 (19070501)
        464368.91   3672929.41   287.49078 (19070501)   464378.91
3672929.41   282.37459 (19070501)
        464388.91   3672929.41   245.93551 (19070501)   464348.91
3672939.41   251.35476 (19070501)
        464358.91   3672939.41   276.83553 (19070501)   464368.91
3672939.41   275.92299 (19070501)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMTKIDLE ***
                                  INCLUDING SOURCE(S):   AMTKIDLE   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3672939.41 284.77055 (21101805)
464338.91 3672949.41 241.52394 (19070501) 464348.91
3672949.41 266.02007 (19070501)
464358.91 3672949.41 266.70113 (19070501) 464368.91
3672949.41 242.02682 (19070501)
464378.91 3672949.41 264.95631 (21101805) 464338.91
3672959.41 255.59529 (19070501)
464348.91 3672959.41 258.31937 (19070501) 464358.91
3672959.41 236.64429 (19070501)
464368.91 3672959.41 244.37889 (21101805) 464378.91
3672959.41 287.45755 (21101805)
464328.91 3672969.41 246.15817 (19070501) 464338.91
3672969.41 249.70795 (19070501)
464348.91 3672969.41 231.96882 (19070501) 464358.91
3672969.41 224.72426 (21101805)
464368.91 3672969.41 268.41052 (21101805) 464318.91
3672979.41 237.59177 (19070501)
464328.91 3672979.41 241.74210 (19070501) 464338.91
3672979.41 226.94916 (19070501)
464348.91 3672979.41 208.22727 (21101805) 464358.91
3672979.41 250.30208 (21101805)
464328.91 3672989.41 220.06879 (19070501) 464338.91
3672989.41 191.73162 (19070501)
464348.91 3672989.41 233.83311 (21101805) 464348.91
3672999.41 244.52396 (21101805)
464298.91 3673009.41 222.52943 (19070501) 464288.91
3673019.41 215.59863 (19070501)
464298.91 3673019.41 209.91673 (19070501) 464308.91
3673019.41 190.53454 (19070501)
464318.91 3673019.41 188.58640 (21101805) 464288.91
3673029.41 203.92842 (19070501)
464298.91 3673029.41 187.62508 (19070501) 464308.91
3673029.41 183.54713 (21101805)
464318.91 3673029.41 209.72249 (21101805) 464328.91
3673029.41 221.87035 (21101805)
464278.91 3673039.41 198.08179 (19070501) 464288.91
3673039.41 183.80246 (19070501)
464298.91 3673039.41 171.43879 (21101805) 464308.91
3673039.41 202.99668 (21101805)
464318.91 3673039.41 221.80228 (21101805) 464268.91
3673049.41 193.36651 (19070501)
464278.91 3673049.41 180.20739 (19070501) 464288.91
3673049.41 160.04153 (21101805)
464298.91 3673049.41 191.02188 (21101805) 464308.91
3673049.41 213.91995 (21101805)
464258.91 3673059.41 188.95738 (19070501) 464268.91
3673059.41 177.79674 (19070501)
464278.91 3673059.41 157.91217 (19070501) 464288.91
3673059.41 180.23849 (21101805)
464298.91 3673059.41 204.15683 (21101805) 464258.91

3673069.41   174.83622 (19070501)
        464268.91   3673069.41   156.98193 (19070501)   464278.91
3673069.41   170.00937 (21101805)
        464288.91   3673069.41   194.14004 (21101805)   464298.91
3673069.41   208.92686 (21101805)
        464268.91   3673079.41   160.61096 (21101805)   464278.91
3673079.41   184.28537 (21101805)
        464288.91   3673079.41   200.46014 (21101805)   464278.91
3673089.41   190.31552 (21101805)
        464358.91   3672919.41   957.59902 (21091921)   464368.91
3672919.41   926.11818 (21112719)
        464378.91   3672919.41   903.26590 (21112719)   464358.91
3672929.41   893.17579 (21112719)
        464368.91   3672929.41   873.98311 (21112719)   464378.91
3672929.41   802.01807 (21112719)
        464388.91   3672929.41   908.92996 (20010921)   464348.91
3672939.41   860.95505 (21112719)
        464358.91   3672939.41   844.99016 (21112719)   464368.91
3672939.41   782.32664 (21112719)
        464378.91   3672939.41   856.13393 (20010921)   464388.91
3672939.41   910.65325 (20010921)
        464338.91   3672949.41   830.84619 (21112719)   464348.91
3672949.41   816.97626 (21112719)
        464358.91   3672949.41   759.97447 (21112719)   464368.91
3672949.41   806.77628 (20010921)
        464378.91   3672949.41   875.51441 (20010921)   464338.91
3672959.41   790.51597 (21112719)
        464348.91   3672959.41   739.62210 (21112719)   464358.91
3672959.41   762.43958 (20010921)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMTKIDLE ***
                                   INCLUDING SOURCE(S):   AMTKIDLE   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - -
        464368.91   3672959.41      841.66717  (20010921)                464378.91
3672959.41      854.75414  (20070722)
        464328.91   3672969.41      766.49238  (21112719)                464338.91
3672969.41      719.59457  (21112719)
        464348.91   3672969.41      719.65904  (20010921)                464358.91
3672969.41      808.05524  (20010921)
        464368.91   3672969.41      820.62218  (20070722)                464318.91
3672979.41      744.68589  (21112719)
        464328.91   3672979.41      701.13235  (21112719)                464338.91
3672979.41      679.66459  (20010921)
        464348.91   3672979.41      772.70330  (20010921)                464358.91
3672979.41      792.68652  (20010921)
        464328.91   3672989.41      643.58970  (20010921)                464338.91
3672989.41      740.15073  (20010921)
        464348.91   3672989.41      771.86011  (20010921)                464348.91
3672999.41      744.57186  (20070722)
        464298.91   3673009.41      656.59369  (21112719)                464288.91
3673019.41      641.51515  (21112719)
        464298.91   3673019.41      589.68420  (21112719)                464308.91
3673019.41      637.46514  (20010921)
        464318.91   3673019.41      701.54027  (20010921)                464288.91
3673029.41      577.67274  (21112719)
        464298.91   3673029.41      608.15205  (20010921)                464308.91
3673029.41      669.13668  (20010921)
        464318.91   3673029.41      685.67206  (20010921)                464328.91
3673029.41      676.21800  (20070722)
        464278.91   3673039.41      565.91189  (21112719)                464288.91
3673039.41      581.02990  (20010921)
        464298.91   3673039.41      645.00868  (20010921)                464308.91
3673039.41      667.52987  (20070722)
        464318.91   3673039.41      678.61576  (20070722)                464268.91
3673049.41      556.41013  (21112719)
        464278.91   3673049.41      554.77780  (20010921)                464288.91
3673049.41      621.41751  (20010921)
        464298.91   3673049.41      648.29852  (20010921)                464308.91
3673049.41      665.30945  (20070722)
        464258.91   3673059.41      547.64118  (21112719)                464268.91
3673059.41      528.55142  (20010921)
        464278.91   3673059.41      597.24156  (20010921)                464288.91
3673059.41      630.52213  (20010921)
        464298.91   3673059.41      648.23730  (20070722)                464258.91
3673069.41      504.16026  (20010921)
        464268.91   3673069.41      573.39156  (20010921)                464278.91
3673069.41      612.24353  (20010921)
        464288.91   3673069.41      630.15777  (20070722)                464298.91
3673069.41      636.06060  (20070722)
        464268.91   3673079.41      593.31481  (20010921)                464278.91
3673079.41      611.77203  (20070722)
        464288.91   3673079.41      622.20581  (20070722)                464278.91
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMTKTRVL ***
                                 INCLUDING SOURCE(S):   L0004564   , L0004565 , L0004566   , L0004567   , L0004568   ,
                  L0004569   , L0004570   , L0004571   , L0004572   , L0004573 , L0004574   , L0004575   , L0004576   ,
                  L0004577   , L0004578   , L0004579   , L0004580   , L0004581 , L0004582   , L0004583   , L0004584   ,
                  L0004585   , L0004586   , L0004587   , L0004588   , L0004589 , L0004590   , L0004591   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
        464368.91   3672959.41      388.76991  (21020721)                464378.91
3672959.41      466.62756  (21020721)
        464328.91   3672969.41      278.94753  (20080104)                464338.91
3672969.41      290.56021  (20122019)
        464348.91   3672969.41      318.67882  (21020721)                464358.91
3672969.41      370.19019  (21020721)
        464368.91   3672969.41      439.94972  (21020721)                464318.91
3672979.41      274.46645  (20080104)
        464328.91   3672979.41      286.24325  (20080104)                464338.91
3672979.41      305.98097  (21020721)
        464348.91   3672979.41      354.32508  (21020721)                464358.91
3672979.41      416.15953  (21020721)
        464328.91   3672989.41      294.01884  (20122019)                464338.91
3672989.41      337.96396  (21020721)
        464348.91   3672989.41      395.76867  (21020721)                464348.91
3672999.41      445.39460  (21020721)
        464298.91   3673009.41      273.45848  (20080104)                464288.91
3673019.41      268.00940  (20080104)
        464298.91   3673019.41      281.56404  (20080104)                464308.91
3673019.41      302.92361  (21020721)
        464318.91   3673019.41      343.00315  (21020721)                464288.91
3673029.41      275.96960  (20080104)
        464298.91   3673029.41      291.33949  (21020721)                464308.91
3673029.41      335.97047  (21020721)
        464318.91   3673029.41      385.95202  (21020721)                464328.91
3673029.41      449.86796  (21020721)
        464278.91   3673039.41      270.25827  (20080104)                464288.91
3673039.41      283.80332  (20080104)
        464298.91   3673039.41      322.26305  (21020721)                464308.91
3673039.41      374.43778  (21020721)
        464318.91   3673039.41      439.16922  (21020721)                464268.91
3673049.41      264.81001  (20080104)
        464278.91   3673049.41      278.36747  (20080104)                464288.91
3673049.41      309.25478  (21020721)
        464298.91   3673049.41      357.95309  (21020721)                464308.91
3673049.41      420.45099  (21020721)
        464258.91   3673059.41      259.20410  (20080104)                464268.91
3673059.41      273.58295  (20080104)
        464278.91   3673059.41      297.69767  (21020721)                464288.91
3673059.41      343.38414  (21020721)
        464298.91   3673059.41      401.30575  (21020721)                464258.91
3673069.41      268.13737  (20080104)
        464268.91   3673069.41      286.95672  (21020721)                464278.91
3673069.41      329.76762  (21020721)
        464288.91   3673069.41      383.38512  (21020721)                464298.91
3673069.41      454.12608  (21020721)
        464268.91   3673079.41      317.26414  (21020721)                464278.91
3673079.41      366.65500  (21020721)
        464288.91   3673079.41      430.72621  (21020721)                464278.91
3673089.41      407.41602  (21020721)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AMTKTRVL ***
INCLUDING SOURCE(S): L0004564 , L0004565 , L0004566 , L0004567 , L0004568 ,
L0004569 , L0004570 , L0004571 , L0004572 , L0004573 , L0004574 , L0004575 , L0004576 ,
L0004577 , L0004578 , L0004579 , L0004580 , L0004581 , L0004582 , L0004583 , L0004584 ,
L0004585 , L0004586 , L0004587 , L0004588 , L0004589 , L0004590 , L0004591 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464358.91	3672919.41	130.83648	(20070722)	464368.91	3672919.41	139.95459	(20070722)
464378.91	3672919.41	149.70454	(20070722)	464358.91	3672929.41	137.20864	(20070722)
464368.91	3672929.41	146.40128	(20070722)	464378.91	3672929.41	156.38175	(20070722)
464388.91	3672929.41	166.30569	(20070722)	464348.91	3672939.41	135.15554	(20070722)
464358.91	3672939.41	143.88568	(20070722)	464368.91	3672939.41	152.82992	(20070722)
464378.91	3672939.41	162.83652	(20070722)	464388.91	3672939.41	176.55534	(21092903)
464338.91	3672949.41	133.27200	(20070722)	464348.91	3672949.41	141.83849	(20070722)
464358.91	3672949.41	150.99175	(20070722)	464368.91	3672949.41	159.89396	(20070722)
464378.91	3672949.41	170.41565	(20070722)	464338.91	3672959.41	139.97257	(20070722)
464348.91	3672959.41	148.79815	(20070722)	464358.91	3672959.41	158.62838	(20070722)
464368.91	3672959.41	168.48252	(20070722)	464378.91			

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3672959.41      189.22305  (21020721)
        464328.91   3672969.41      137.90573  (20070722)                464338.91
3672969.41      146.94405  (20070722)
        464348.91   3672969.41      156.52160  (20070722)                464358.91
3672969.41      167.38465  (20070722)
        464368.91   3672969.41      183.38197  (21092903)                464318.91
3672979.41      135.65176  (20070722)
        464328.91   3672979.41      144.87813  (20070722)                464338.91
3672979.41      154.49592  (20070722)
        464348.91   3672979.41      164.93019  (20070722)                464358.91
3672979.41      178.27382  (21092903)
        464328.91   3672989.41      153.93526  (20070722)                464338.91
3672989.41      164.77913  (20070722)
        464348.91   3672989.41      175.46961  (20070722)                464348.91
3672999.41      194.55070  (21092903)
        464298.91   3673009.41      136.57447  (20070722)                464288.91
3673019.41      134.64441  (20070722)
        464298.91   3673019.41      142.98728  (20070722)                464308.91
3673019.41      152.28465  (20070722)
        464318.91   3673019.41      171.49545  (20070722)                464288.91
3673029.41      141.70149  (20070722)
        464298.91   3673029.41      150.28422  (20070722)                464308.91
3673029.41      159.87436  (20070722)
        464318.91   3673029.41      177.01678  (20070722)                464328.91
3673029.41      208.45907  (21020721)
        464278.91   3673039.41      140.42820  (20070722)                464288.91
3673039.41      149.14784  (20070722)
        464298.91   3673039.41      158.07789  (20070722)                464308.91
3673039.41      168.09776  (20070722)
        464318.91   3673039.41      187.15080  (21092903)                464268.91
3673049.41      138.20545  (20070722)
        464278.91   3673049.41      147.62805  (20070722)                464288.91
3673049.41      156.63381  (20070722)
        464298.91   3673049.41      166.13518  (20070722)                464308.91
3673049.41      178.13807  (21092903)
        464258.91   3673059.41      135.80261  (20070722)                464268.91
3673059.41      144.60366  (20070722)
        464278.91   3673059.41      154.10876  (20070722)                464288.91
3673059.41      163.51076  (20070722)
        464298.91   3673059.41      173.43028  (20070722)                464258.91
3673069.41      142.17628  (20070722)
        464268.91   3673069.41      151.26605  (20070722)                464278.91
3673069.41      161.01949  (20070722)
        464288.91   3673069.41      170.73701  (20070722)                464298.91
3673069.41      187.96596  (21092903)
        464268.91   3673079.41      158.20614  (20070722)                464278.91
3673079.41      168.40421  (20070722)
        464288.91   3673079.41      181.96711  (21092903)                464278.91
3673089.41      178.90664  (20070722)
        464358.91   3672919.41       38.01416  (21090507)                464368.91
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3672919.41       39.45827  (21090507)
        464378.91   3672919.41       41.13063  (21090507)                464358.91
3672929.41       39.06307  (21090507)
        464368.91   3672929.41       40.66379  (21090507)                464378.91
3672929.41       42.51084  (21090507)
        464388.91   3672929.41       44.44537  (21090507)                464348.91
3672939.41       38.69334  (21090507)
        464358.91   3672939.41       40.22796  (21090507)                464368.91
3672939.41       42.00420  (21090507)
        464378.91   3672939.41       43.96086  (21090507)                464388.91
3672939.41       45.62838  (21090507)
        464338.91   3672949.41       38.34277  (21090507)                464348.91
3672949.41       39.81501  (21090507)
        464358.91   3672949.41       41.53734  (21090507)                464368.91
3672949.41       43.46633  (21090507)
        464378.91   3672949.41       45.31745  (21090507)                464338.91
3672959.41       39.42843  (21090507)
        464348.91   3672959.41       41.08148  (21090507)                464358.91
3672959.41       42.99129  (21090507)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                   PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AMTKTRVL ***
                                   INCLUDING SOURCE(S):     L0004564    , L0004565
, L0004566    , L0004567    , L0004568    ,
                  L0004569    , L0004570    , L0004571    , L0004572    , L0004573
, L0004574    , L0004575    , L0004576    ,
                  L0004577    , L0004578    , L0004579    , L0004580    , L0004581
, L0004582    , L0004583    , L0004584    ,
                  L0004585    , L0004586    , L0004587    , L0004588    , L0004589
, L0004590    , L0004591    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        464368.91   3672959.41       44.94760  (21090507)                464378.91
3672959.41       46.16020  (21090507)
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        464328.91   3672969.41       39.05551  (21090507)                464338.91
3672969.41       40.64367  (21090507)
        464348.91   3672969.41       42.49828  (21090507)                464358.91
3672969.41       44.51943  (21090507)
        464368.91   3672969.41       46.12199  (21090507)                464318.91
3672979.41       38.69808  (21090507)
        464328.91   3672979.41       40.22599  (21090507)                464338.91
3672979.41       42.01178  (21090507)
        464348.91   3672979.41       44.01448  (21090507)                464358.91
3672979.41       45.87863  (21090507)
        464328.91   3672989.41       41.55442  (21090507)                464338.91
3672989.41       43.52948  (21090507)
        464348.91   3672989.41       45.48302  (21090507)                464348.91
3672999.41       46.55145  (21090507)
        464298.91   3673009.41       39.05279  (21090507)                464288.91
3673019.41       38.70275  (21090507)
        464298.91   3673019.41       40.18194  (21090507)                464308.91
3673019.41       41.90034  (21090507)
        464318.91   3673019.41       43.98789  (21090507)                464288.91
3673029.41       39.78902  (21090507)
        464298.91   3673029.41       41.42517  (21090507)                464308.91
3673029.41       43.28713  (21090507)
        464318.91   3673029.41       45.33293  (21090507)                464328.91
3673029.41       46.85178  (21090507)
        464278.91   3673039.41       39.41427  (21090507)                464288.91
3673039.41       40.97985  (21090507)
        464298.91   3673039.41       42.76947  (21090507)                464308.91
3673039.41       44.67726  (21090507)
        464318.91   3673039.41       46.27196  (21090507)                464268.91
3673049.41       39.04970  (21090507)
        464278.91   3673049.41       40.55004  (21090507)                464288.91
3673049.41       42.26846  (21090507)
        464298.91   3673049.41       44.15134  (21090507)                464308.91
3673049.41       45.84621  (21090507)
        464258.91   3673059.41       38.69830  (21090507)                464268.91
3673059.41       40.12693  (21090507)
        464278.91   3673059.41       41.77108  (21090507)                464288.91
3673059.41       43.60388  (21090507)
        464298.91   3673059.41       45.39188  (21090507)                464258.91
3673069.41       39.73059  (21090507)
        464268.91   3673069.41       41.29270  (21090507)                464278.91
3673069.41       43.06552  (21090507)
        464288.91   3673069.41       44.89658  (21090507)                464298.91
3673069.41       46.21517  (21090507)
        464268.91   3673079.41       42.53928  (21090507)                464278.91
3673079.41       44.37876  (21090507)
        464288.91   3673079.41       45.95770  (21090507)                464278.91
3673089.41       45.64914  (21090507)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFTRVL ***
                              INCLUDING SOURCE(S):   L0004140   , L0004141
, L0004142   , L0004143   , L0004144   ,
                 L0004145   , L0004146   , L0004147   , L0004148   , L0004149
, L0004150   , L0004151   , L0004152   ,
                 L0004153   , L0004154   , L0004155   , L0004156   , L0004157
, L0004158   , L0004159   , L0004160   ,
                 L0004161   , L0004162   , L0004163   , L0004164   , L0004165
, L0004166   , L0004167   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3672969.41 290.56021 (20122019)
464348.91 3672969.41 318.67882 (21020721) 464358.91
3672969.41 370.19019 (21020721)
464368.91 3672969.41 439.94972 (21020721) 464318.91
3672979.41 274.46645 (20080104)
464328.91 3672979.41 286.24325 (20080104) 464338.91
3672979.41 305.98097 (21020721)
464348.91 3672979.41 354.32508 (21020721) 464358.91
3672979.41 416.15953 (21020721)
464328.91 3672989.41 294.01884 (20122019) 464338.91
3672989.41 337.96396 (21020721)
464348.91 3672989.41 395.76867 (21020721) 464348.91
3672999.41 445.39460 (21020721)
464298.91 3673009.41 273.45848 (20080104) 464288.91
3673019.41 268.00940 (20080104)
464298.91 3673019.41 281.56404 (20080104) 464308.91
3673019.41 302.92361 (21020721)
464318.91 3673019.41 343.00315 (21020721) 464288.91
3673029.41 275.96960 (20080104)
464298.91 3673029.41 291.33949 (21020721) 464308.91
3673029.41 335.97047 (21020721)
464318.91 3673029.41 385.95202 (21020721) 464328.91
3673029.41 449.86796 (21020721)
464278.91 3673039.41 270.25827 (20080104) 464288.91
3673039.41 283.80332 (20080104)
464298.91 3673039.41 322.26305 (21020721) 464308.91
3673039.41 374.43778 (21020721)
464318.91 3673039.41 439.16922 (21020721) 464268.91
3673049.41 264.81001 (20080104)
464278.91 3673049.41 278.36747 (20080104) 464288.91
3673049.41 309.25478 (21020721)
464298.91 3673049.41 357.95309 (21020721) 464308.91
3673049.41 420.45099 (21020721)
464258.91 3673059.41 259.20410 (20080104) 464268.91
3673059.41 273.58295 (20080104)
464278.91 3673059.41 297.69767 (21020721) 464288.91
3673059.41 343.38414 (21020721)
464298.91 3673059.41 401.30575 (21020721) 464258.91
3673069.41 268.13737 (20080104)
464268.91 3673069.41 286.95672 (21020721) 464278.91
3673069.41 329.76762 (21020721)
464288.91 3673069.41 383.38512 (21020721) 464298.91
3673069.41 454.12608 (21020721)
464268.91 3673079.41 317.26414 (21020721) 464278.91
3673079.41 366.65500 (21020721)
464288.91 3673079.41 430.72621 (21020721) 464278.91
3673089.41 407.41602 (21020721)
464358.91 3672919.41 130.83648 (20070722) 464368.91
3672919.41 139.95459 (20070722)
464378.91 3672919.41 149.70454 (20070722) 464358.91

3672929.41   137.20864 (20070722)
        464368.91   3672929.41   146.40128 (20070722)   464378.91
3672929.41   156.38175 (20070722)
        464388.91   3672929.41   166.30569 (20070722)   464348.91
3672939.41   135.15554 (20070722)
        464358.91   3672939.41   143.88568 (20070722)   464368.91
3672939.41   152.82992 (20070722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFTRVL ***
                                   INCLUDING SOURCE(S):   L0004140   , L0004141 , L0004142   , L0004143   , L0004144   ,
                  L0004145   , L0004146   , L0004147   , L0004148   , L0004149 , L0004150   , L0004151   , L0004152   ,
                  L0004153   , L0004154   , L0004155   , L0004156   , L0004157 , L0004158   , L0004159   , L0004160   ,
                  L0004161   , L0004162   , L0004163   , L0004164   , L0004165 , L0004166   , L0004167   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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```
        464348.91   3672969.41      156.52160  (20070722)                464358.91
3672969.41      167.38465  (20070722)
        464368.91   3672969.41      183.38197  (21092903)                464318.91
3672979.41      135.65176  (20070722)
        464328.91   3672979.41      144.87813  (20070722)                464338.91
3672979.41      154.49592  (20070722)
        464348.91   3672979.41      164.93019  (20070722)                464358.91
3672979.41      178.27382  (21092903)
        464328.91   3672989.41      153.93526  (20070722)                464338.91
3672989.41      164.77913  (20070722)
        464348.91   3672989.41      175.46961  (20070722)                464348.91
3672999.41      194.55070  (21092903)
        464298.91   3673009.41      136.57447  (20070722)                464288.91
3673019.41      134.64441  (20070722)
        464298.91   3673019.41      142.98728  (20070722)                464308.91
3673019.41      152.28465  (20070722)
        464318.91   3673019.41      171.49545  (20070722)                464288.91
3673029.41      141.70149  (20070722)
        464298.91   3673029.41      150.28422  (20070722)                464308.91
3673029.41      159.87436  (20070722)
        464318.91   3673029.41      177.01678  (20070722)                464328.91
3673029.41      208.45907  (21020721)
        464278.91   3673039.41      140.42820  (20070722)                464288.91
3673039.41      149.14784  (20070722)
        464298.91   3673039.41      158.07789  (20070722)                464308.91
3673039.41      168.09776  (20070722)
        464318.91   3673039.41      187.15080  (21092903)                464268.91
3673049.41      138.20545  (20070722)
        464278.91   3673049.41      147.62805  (20070722)                464288.91
3673049.41      156.63381  (20070722)
        464298.91   3673049.41      166.13518  (20070722)                464308.91
3673049.41      178.13807  (21092903)
        464258.91   3673059.41      135.80261  (20070722)                464268.91
3673059.41      144.60366  (20070722)
        464278.91   3673059.41      154.10876  (20070722)                464288.91
3673059.41      163.51076  (20070722)
        464298.91   3673059.41      173.43028  (20070722)                464258.91
3673069.41      142.17628  (20070722)
        464268.91   3673069.41      151.26605  (20070722)                464278.91
3673069.41      161.01949  (20070722)
        464288.91   3673069.41      170.73701  (20070722)                464298.91
3673069.41      187.96596  (21092903)
        464268.91   3673079.41      158.20614  (20070722)                464278.91
3673079.41      168.40421  (20070722)
        464288.91   3673079.41      181.96711  (21092903)                464278.91
3673089.41      178.90664  (20070722)
        464358.91   3672919.41       38.01416  (21090507)                464368.91
3672919.41       39.45827  (21090507)
        464378.91   3672919.41       41.13063  (21090507)                464358.91
3672929.41       39.06307  (21090507)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFTRVL ***
INCLUDING SOURCE(S): L0004140 , L0004141 , L0004142 , L0004143 , L0004144 ,
L0004145 , L0004146 , L0004147 , L0004148 , L0004149 , L0004150 , L0004151 , L0004152 ,
L0004153 , L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 ,
L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464368.91	3672929.41	40.66379	(21090507)	464378.91	3672929.41	42.51084	(21090507)
464388.91	3672929.41	44.44537	(21090507)	464348.91	3672939.41	38.69334	(21090507)
464358.91	3672939.41	40.22796	(21090507)	464368.91	3672939.41	42.00420	(21090507)
464378.91	3672939.41	43.96086	(21090507)	464388.91	3672939.41	45.62838	(21090507)
464338.91	3672949.41	38.34277	(21090507)	464348.91	3672949.41	39.81501	(21090507)
464358.91	3672949.41	41.53734	(21090507)	464368.91	3672949.41	43.46633	(21090507)
464378.91	3672949.41	45.31745	(21090507)	464338.91	3672959.41	39.42843	(21090507)
464348.91	3672959.41	41.08148	(21090507)	464358.91	3672959.41	42.99129	(21090507)
464368.91	3672959.41	44.94760	(21090507)	464378.91	3672959.41	46.16020	(21090507)
464328.91	3672969.41	39.05551	(21090507)	464338.91	3672969.41	40.64367	(21090507)
464348.91	3672969.41	42.49828	(21090507)	464358.91			

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3672969.41       44.51943  (21090507)
        464368.91   3672969.41       46.12199  (21090507)                464318.91
3672979.41       38.69808  (21090507)
        464328.91   3672979.41       40.22599  (21090507)                464338.91
3672979.41       42.01178  (21090507)
        464348.91   3672979.41       44.01448  (21090507)                464358.91
3672979.41       45.87863  (21090507)
        464328.91   3672989.41       41.55442  (21090507)                464338.91
3672989.41       43.52948  (21090507)
        464348.91   3672989.41       45.48302  (21090507)                464348.91
3672999.41       46.55145  (21090507)
        464298.91   3673009.41       39.05279  (21090507)                464288.91
3673019.41       38.70275  (21090507)
        464298.91   3673019.41       40.18194  (21090507)                464308.91
3673019.41       41.90034  (21090507)
        464318.91   3673019.41       43.98789  (21090507)                464288.91
3673029.41       39.78902  (21090507)
        464298.91   3673029.41       41.42517  (21090507)                464308.91
3673029.41       43.28713  (21090507)
        464318.91   3673029.41       45.33293  (21090507)                464328.91
3673029.41       46.85178  (21090507)
        464278.91   3673039.41       39.41427  (21090507)                464288.91
3673039.41       40.97985  (21090507)
        464298.91   3673039.41       42.76947  (21090507)                464308.91
3673039.41       44.67726  (21090507)
        464318.91   3673039.41       46.27196  (21090507)                464268.91
3673049.41       39.04970  (21090507)
        464278.91   3673049.41       40.55004  (21090507)                464288.91
3673049.41       42.26846  (21090507)
        464298.91   3673049.41       44.15134  (21090507)                464308.91
3673049.41       45.84621  (21090507)
        464258.91   3673059.41       38.69830  (21090507)                464268.91
3673059.41       40.12693  (21090507)
        464278.91   3673059.41       41.77108  (21090507)                464288.91
3673059.41       43.60388  (21090507)
        464298.91   3673059.41       45.39188  (21090507)                464258.91
3673069.41       39.73059  (21090507)
        464268.91   3673069.41       41.29270  (21090507)                464278.91
3673069.41       43.06552  (21090507)
        464288.91   3673069.41       44.89658  (21090507)                464298.91
3673069.41       46.21517  (21090507)
        464268.91   3673079.41       42.53928  (21090507)                464278.91
3673079.41       44.37876  (21090507)
        464288.91   3673079.41       45.95770  (21090507)                464278.91
3673089.41       45.64914  (21090507)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***       16:29:24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: COASIDLE ***
INCLUDING SOURCE(S): COASIDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464358.91	3672919.41	141.03004	(21092807)	464368.91	3672919.41	152.21211	(21092807)
464378.91	3672919.41	157.18002	(21092807)	464358.91	3672929.41	151.38920	(21092807)
464368.91	3672929.41	156.93391	(21092807)	464378.91	3672929.41	155.42320	(21092807)
464388.91	3672929.41	149.06024	(21100420)	464348.91	3672939.41	149.57302	(21092807)
464358.91	3672939.41	155.52135	(21092807)	464368.91	3672939.41	155.35328	(21092807)
464378.91	3672939.41	148.09857	(21092807)	464388.91	3672939.41	146.30357	(21100420)
464338.91	3672949.41	147.24005	(21092807)	464348.91	3672949.41	153.32753	(21092807)
464358.91	3672949.41	153.69406	(21092807)	464368.91	3672949.41	148.19360	(21092807)
464378.91	3672949.41	142.62398	(21100420)	464338.91	3672959.41	150.66409	(21092807)
464348.91	3672959.41	151.71705	(21092807)	464358.91	3672959.41	146.84898	(21092807)
464368.91	3672959.41	137.92061	(21100420)	464378.91	3672959.41	135.92713	(21100420)
464328.91	3672969.41	147.83421	(21092807)	464338.91	3672969.41	149.19751	(21092807)
464348.91	3672969.41	145.36197	(21092807)	464358.91	3672969.41	136.13042	(21092807)
464368.91	3672969.41	132.05618	(21100420)	464318.91	3672979.41	144.89940	(21092807)
464328.91	3672979.41	146.50161	(21092807)	464338.91	3672979.41	143.42928	(21092807)
464348.91	3672979.41	135.50913	(21092807)	464358.91	3672979.41	128.02656	(21100420)
464328.91	3672989.41	140.61437	(21092807)	464338.91			

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3672989.41      133.64382  (21092807)
        464348.91   3672989.41      125.78801  (21092824)                464348.91
3672999.41      117.10426  (21100420)
        464298.91   3673009.41      138.28326  (21092807)                464288.91
3673019.41      135.04099  (21092807)
        464298.91   3673019.41      134.47744  (21092807)                464308.91
3673019.41      130.20907  (21092807)
        464318.91   3673019.41      119.99449  (21092807)                464288.91
3673029.41      131.34877  (21092807)
        464298.91   3673029.41      127.92780  (21092807)                464308.91
3673029.41      121.13552  (21092807)
        464318.91   3673029.41      114.37907  (21092824)                464328.91
3673029.41      105.42485  (21092824)
        464278.91   3673039.41      128.20108  (21092807)                464288.91
3673039.41      125.28322  (21092807)
        464298.91   3673039.41      119.43246  (21092807)                464308.91
3673039.41      114.69677  (21092824)
        464318.91   3673039.41      107.84411  (21092824)                464268.91
3673049.41      125.35390  (21092807)
        464278.91   3673049.41      122.68963  (21092807)                464288.91
3673049.41      117.49080  (21092807)
        464298.91   3673049.41      112.70115  (21092824)                464308.91
3673049.41      107.64078  (21092824)
        464258.91   3673059.41      122.56640  (21092807)                464268.91
3673059.41      120.46616  (21092807)
        464278.91   3673059.41      115.70221  (21092807)                464288.91
3673059.41      110.80061  (21092824)
        464298.91   3673059.41      106.58334  (21092824)                464258.91
3673069.41      118.04550  (21092807)
        464268.91   3673069.41      113.89488  (21092807)                464278.91
3673069.41      108.78167  (21092824)
        464288.91   3673069.41      105.18501  (21092824)                464298.91
3673069.41       99.27657  (21092824)
        464268.91   3673079.41      106.79905  (21092824)                464278.91
3673079.41      103.58891  (21092824)
        464288.91   3673079.41       98.37090  (21092824)                464278.91
3673089.41       96.76478  (21092824)
        464358.91   3672919.41      221.18458  (19070501)                464368.91
3672919.41      270.65292  (19070501)
        464378.91   3672919.41      297.41534  (19070501)                464358.91
3672929.41      260.99830  (19070501)
        464368.91   3672929.41      287.59539  (19070501)                464378.91
3672929.41      283.25185  (19070501)
        464388.91   3672929.41      247.38119  (19070501)                464348.91
3672939.41      250.78101  (19070501)
        464358.91   3672939.41      276.89484  (19070501)                464368.91
3672939.41      276.68082  (19070501)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: COASIDLE ***
INCLUDING SOURCE(S): COASIDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464378.91	3672939.41	246.00738	(19070501)	464388.91	3672939.41	284.19949	(21101805)
464338.91	3672949.41	240.98755	(19070501)	464348.91	3672949.41	266.04265	(19070501)
464358.91	3672949.41	267.34639	(19070501)	464368.91	3672949.41	243.18436	(19070501)
464378.91	3672949.41	264.31070	(21101805)	464338.91	3672959.41	255.58850	(19070501)
464348.91	3672959.41	258.87147	(19070501)	464358.91	3672959.41	237.66515	(19070501)
464368.91	3672959.41	243.69482	(21101805)	464378.91	3672959.41	287.33824	(21101805)
464328.91	3672969.41	246.12810	(19070501)	464338.91	3672969.41	250.17927	(19070501)
464348.91	3672969.41	232.87604	(19070501)	464358.91	3672969.41	224.02703	(21101805)
464368.91	3672969.41	268.17228	(21101805)	464318.91	3672979.41	237.54312	(19070501)
464328.91	3672979.41	242.14553	(19070501)	464338.91	3672979.41	227.75570	(19070501)
464348.91	3672979.41	207.52693	(21101805)	464358.91	3672979.41	249.97810	(21101805)
464328.91	3672989.41	220.77788	(19070501)	464338.91	3672989.41	192.68595	(19070501)
464348.91	3672989.41	233.44818	(21101805)	464348.91	3672999.41	244.48454	(21101805)
464298.91	3673009.41	222.78748	(19070501)	464288.91	3673019.41	215.81848	(19070501)
464298.91	3673019.41	210.44098	(19070501)	464308.91	3673019.41	191.29237	(19070501)
464318.91	3673019.41	188.12535	(21101805)	464288.91			

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3673029.41      204.39405  (19070501)
        464298.91   3673029.41      188.31645  (19070501)                464308.91
3673029.41      183.05478  (21101805)
        464318.91   3673029.41      209.48084  (21101805)                464328.91
3673029.41      221.94238  (21101805)
        464278.91   3673039.41      198.49561  (19070501)                464288.91
3673039.41      184.42937  (19070501)
        464298.91   3673039.41      170.94749  (21101805)                464308.91
3673039.41      202.70839  (21101805)
        464318.91   3673039.41      221.80402  (21101805)                464268.91
3673049.41      193.73759  (19070501)
        464278.91   3673049.41      180.77770  (19070501)                464288.91
3673049.41      159.55732  (21101805)
        464298.91   3673049.41      190.70545  (21101805)                464308.91
3673049.41      213.85645  (21101805)
        464258.91   3673059.41      189.29086  (19070501)                464268.91
3673059.41      178.32184  (19070501)
        464278.91   3673059.41      158.56604  (19070501)                464288.91
3673059.41      179.90158  (21101805)
        464298.91   3673059.41      204.03936  (21101805)                464258.91
3673069.41      175.31782  (19070501)
        464268.91   3673069.41      157.59219  (19070501)                464278.91
3673069.41      169.65907  (21101805)
        464288.91   3673069.41      193.97933  (21101805)                464298.91
3673069.41      209.00930  (21101805)
        464268.91   3673079.41      160.25215  (21101805)                464278.91
3673079.41      184.09069  (21101805)
        464288.91   3673079.41      200.48209  (21101805)                464278.91
3673089.41      190.28649  (21101805)
        464358.91   3672919.41      959.54701  (21091921)                464368.91
3672919.41      927.20337  (21112719)
        464378.91   3672919.41      905.78869  (21112719)                464358.91
3672929.41      894.16505  (21112719)
        464368.91   3672929.41      876.26766  (21112719)                464378.91
3672929.41      805.33203  (21112719)
        464388.91   3672929.41      908.01526  (20010921)                464348.91
3672939.41      861.85884  (21112719)
        464358.91   3672939.41      847.06406  (21112719)                464368.91
3672939.41      785.35430  (21112719)
        464378.91   3672939.41      854.89928  (20010921)                464388.91
3672939.41      911.87908  (20010921)
        464338.91   3672949.41      831.67495  (21112719)                464348.91
3672949.41      818.86455  (21112719)
        464358.91   3672949.41      762.73717  (21112719)                464368.91
3672949.41      805.30969  (20010921)
        464378.91   3672949.41      876.20313  (20010921)                464338.91
3672959.41      792.24134  (21112719)
        464348.91   3672959.41      742.15500  (21112719)                464358.91
3672959.41      760.80920  (20010921)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: COASIDLE ***
                                INCLUDING SOURCE(S):   COASIDLE   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        464368.91   3672959.41   841.91719 (20010921)   464378.91
3672959.41   855.55444 (20070722)
        464328.91   3672969.41   768.07620 (21112719)   464338.91
3672969.41   721.92203 (21112719)
        464348.91   3672969.41   717.91781 (20010921)   464358.91
3672969.41   807.94838 (20010921)
        464368.91   3672969.41   821.14213 (20070722)   464318.91
3672979.41   746.14614 (21112719)
        464328.91   3672979.41   703.27936 (21112719)   464338.91
3672979.41   677.85352 (20010921)
        464348.91   3672979.41   772.30722 (20010921)   464358.91
3672979.41   793.97134 (20010921)
        464328.91   3672989.41   641.74082 (20010921)   464338.91
3672989.41   739.52498 (20010921)
        464348.91   3672989.41   772.75923 (20010921)   464348.91
3672999.41   745.25661 (20070722)
        464298.91   3673009.41   658.32238 (21112719)   464288.91
3673019.41   643.12695 (21112719)
        464298.91   3673019.41   591.69262 (21112719)   464308.91
3673019.41   636.40219 (20010921)
        464318.91   3673019.41   701.58503 (20010921)   464288.91
3673029.41   579.55147 (21112719)
        464298.91   3673029.41   607.00699 (20010921)   464308.91
3673029.41   668.97314 (20010921)
        464318.91   3673029.41   686.61768 (20010921)   464328.91
3673029.41   676.97297 (20070722)
        464278.91   3673039.41   567.67204 (21112719)   464288.91
3673039.41   579.82513 (20010921)
        464298.91   3673039.41   644.67645 (20010921)   464308.91

3673039.41   667.57278 (20070722)
        464318.91   3673039.41   679.22413 (20070722)   464268.91
3673049.41   558.06787 (21112719)
        464278.91   3673049.41   553.53168 (20010921)   464288.91
3673049.41   620.94529 (20010921)
        464298.91   3673049.41   648.76418 (20010921)   464308.91
3673049.41   665.77039 (20070722)
        464258.91   3673059.41   549.20632 (21112719)   464268.91
3673059.41   527.27871 (20010921)
        464278.91   3673059.41   596.65357 (20010921)   464288.91
3673059.41   630.79278 (20010921)
        464298.91   3673059.41   648.56476 (20070722)   464258.91
3673069.41   502.87326 (20010921)
        464268.91   3673069.41   572.70897 (20010921)   464278.91
3673069.41   612.34424 (20010921)
        464288.91   3673069.41   630.36708 (20070722)   464298.91
3673069.41   636.73319 (20070722)
        464268.91   3673079.41   593.26797 (20010921)   464278.91
3673079.41   611.87754 (20070722)
        464288.91   3673079.41   622.74744 (20070722)   464278.91
3673089.41   604.53707 (20070722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: COASTRVL ***
                                  INCLUDING SOURCE(S):   L0004988   , L0004989 , L0004990   , L0004991   , L0004992   ,
                 L0004993   , L0004994   , L0004995   , L0004996   , L0004997 , L0004998   , L0004999   , L0005000   ,
                 L0005001   , L0005002   , L0005003   , L0005004   , L0005005 , L0005006   , L0005007   , L0005008   ,
                 L0005009   , L0005010   , L0005011   , L0005012   , L0005013 , L0005014   , L0005015   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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        464358.91   3672919.41      455.62924  (21020721)               464368.91
3672919.41      518.03044  (21020721)
        464378.91   3672919.41      584.01557  (21020721)               464358.91
3672929.41      499.01637  (21020721)
        464368.91   3672929.41      563.09916  (21020721)               464378.91
3672929.41      628.64894  (21020721)
        464388.91   3672929.41      692.29808  (21020721)               464348.91
3672939.41      480.55845  (21020721)
        464358.91   3672939.41      542.64131  (21020721)               464368.91
3672939.41      607.04284  (21020721)
        464378.91   3672939.41      669.59886  (21020721)               464388.91
3672939.41      726.61224  (21020721)
        464338.91   3672949.41      462.84304  (21020721)               464348.91
3672949.41      522.85076  (21020721)
        464358.91   3672949.41      585.18087  (21020721)               464368.91
3672949.41      647.29195  (21020721)
        464378.91   3672949.41      704.81254  (21020721)               464338.91
3672959.41      503.84731  (21020721)
        464348.91   3672959.41      564.29725  (21020721)               464358.91
3672959.41      624.62005  (21020721)
        464368.91   3672959.41      682.02766  (21020721)               464378.91
3672959.41      730.54043  (21020721)
        464328.91   3672969.41      485.74758  (21020721)               464338.91
3672969.41      544.27167  (21020721)
        464348.91   3672969.41      603.36570  (21020721)               464358.91
3672969.41      659.20767  (21020721)
        464368.91   3672969.41      708.89632  (21020721)               464318.91
3672979.41      468.49135  (21020721)
        464328.91   3672979.41      525.18186  (21020721)               464338.91
3672979.41      582.66050  (21020721)
        464348.91   3672979.41      638.30012  (21020721)               464358.91
3672979.41      687.42608  (21020721)
        464328.91   3672989.41      561.91422  (21020721)               464338.91
3672989.41      616.12891  (21020721)
        464348.91   3672989.41      667.01373  (21020721)               464348.91
3672999.41      687.51343  (21020721)
        464298.91   3673009.41      473.30538  (21020721)               464288.91
3673019.41      456.82600  (21020721)
        464298.91   3673019.41      509.74845  (21020721)               464308.91
3673019.41      562.52209  (21020721)
        464318.91   3673019.41      605.70780  (21020721)               464288.91
3673029.41      492.17576  (21020721)
        464298.91   3673029.41      544.33844  (21020721)               464308.91
3673029.41      594.49058  (21020721)
        464318.91   3673029.41      635.52830  (21020721)               464328.91
3673029.41      666.38207  (21020721)
        464278.91   3673039.41      475.40369  (21020721)               464288.91
3673039.41      526.12541  (21020721)
        464298.91   3673039.41      576.15632  (21020721)               464308.91
3673039.41      622.44195  (21020721)
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        464318.91   3673039.41      659.47013  (21020721)                464268.91
3673049.41      459.62266  (21020721)
        464278.91   3673049.41      508.90020  (21020721)                464288.91
3673049.41      558.11380  (21020721)
        464298.91   3673049.41      604.34955  (21020721)                464308.91
3673049.41      645.01979  (21020721)
        464258.91   3673059.41      444.45570  (21020721)                464268.91
3673059.41      492.94300  (21020721)
        464278.91   3673059.41      541.17880  (21020721)                464288.91
3673059.41      587.25886  (21020721)
        464298.91   3673059.41      628.90140  (21020721)                464258.91
3673069.41      477.21071  (21020721)
        464268.91   3673069.41      524.86982  (21020721)                464278.91
3673069.41      570.45958  (21020721)
        464288.91   3673069.41      612.52835  (21020721)                464298.91
3673069.41      648.08744  (21020721)
        464268.91   3673079.41      554.20228  (21020721)                464278.91
3673079.41      595.93374  (21020721)
        464288.91   3673079.41      632.41855  (21020721)                464278.91
3673089.41      615.43654  (21020721)
        464358.91   3672919.41      272.57750  (20070722)                464368.91
3672919.41      284.69330  (20070722)
        464378.91   3672919.41      292.91673  (20070722)                464358.91
3672929.41      279.51952  (20070722)
        464368.91   3672929.41      287.59786  (20070722)                464378.91
3672929.41      290.34924  (20070722)
        464388.91   3672929.41      298.86680  (21092903)                464348.91
3672939.41      275.62846  (20070722)
        464358.91   3672939.41      283.57714  (20070722)                464368.91
3672939.41      285.90115  (20070722)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                   PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  COASTRVL ***
                                   INCLUDING SOURCE(S):     L0004988    , L0004989
, L0004990    , L0004991    , L0004992    ,
                  L0004993    , L0004994    , L0004995    , L0004996    , L0004997
, L0004998    , L0004999    , L0005000    ,
                  L0005001    , L0005002    , L0005003    , L0005004    , L0005005
, L0005006    , L0005007    , L0005008    ,
                  L0005009    , L0005010    , L0005011    , L0005012    , L0005013
, L0005014    , L0005015    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464378.91	3672939.41	291.35034	(21092903)	464388.91	3672939.41	311.00584	(21020721)
464338.91	3672949.41	272.03476	(20070722)	464348.91	3672949.41	280.30626	(20070722)
464358.91	3672949.41	284.08819	(20070722)	464368.91	3672949.41	284.36436	(21092903)
464378.91	3672949.41	297.85849	(21020721)	464338.91	3672959.41	277.28299	(20070722)
464348.91	3672959.41	281.48321	(20070722)	464358.91	3672959.41	280.39254	(20070722)
464368.91	3672959.41	291.82361	(21092903)	464378.91	3672959.41	317.90939	(21020721)
464328.91	3672969.41	273.82779	(20070722)	464338.91	3672969.41	279.28576	(20070722)
464348.91	3672969.41	279.19633	(20070722)	464358.91	3672969.41	288.71565	(21092903)
464368.91	3672969.41	310.83805	(21020721)	464318.91	3672979.41	269.97194	(20070722)
464328.91	3672979.41	276.58402	(20070722)	464338.91	3672979.41	277.84130	(20070722)
464348.91	3672979.41	283.40385	(21092903)	464358.91	3672979.41	302.84520	(21020721)
464328.91	3672989.41	278.56484	(20070722)	464338.91	3672989.41	281.02269	(21092903)
464348.91	3672989.41	293.51724	(21020721)	464348.91	3672999.41	317.74688	(21020721)
464298.91	3673009.41	264.13449	(20070722)	464288.91	3673019.41	261.23300	(20070722)
464298.91	3673019.41	264.71372	(20070722)	464308.91	3673019.41	264.23721	(20070722)
464318.91	3673019.41	281.95687	(21092903)	464288.91	3673029.41	263.57864	(20070722)
464298.91	3673029.41	263.08695	(20070722)	464308.91	3673029.41	264.98648	(21092903)
464318.91	3673029.41	284.77311	(21020721)	464328.91	3673029.41	324.15791	(21020721)
464278.91	3673039.41	262.34512	(20070722)	464288.91	3673039.41	263.03387	(20070722)
464298.91	3673039.41	260.65014	(21092903)	464308.91	3673039.41	270.75989	(21092903)
464318.91	3673039.41	296.34024	(21020721)	464268.91			

3673049.41   259.44150 (20070722)
        464278.91   3673049.41   262.21080 (20070722)   464288.91
3673049.41   258.87109 (20070722)
        464298.91   3673049.41   267.36939 (21092903)   464308.91
3673049.41   283.27110 (21020721)
        464258.91   3673059.41   256.13231 (20070722)   464268.91
3673059.41   258.89240 (20070722)
        464278.91   3673059.41   257.61063 (20070722)   464288.91
3673059.41   262.84772 (21092903)
        464298.91   3673059.41   273.67718 (21020721)   464258.91
3673069.41   256.32039 (20070722)
        464268.91   3673069.41   255.62224 (20070722)   464278.91
3673069.41   258.23958 (21092903)
        464288.91   3673069.41   266.20555 (21092903)   464298.91
3673069.41   287.64572 (21020721)
        464268.91   3673079.41   253.01580 (21092903)   464278.91
3673079.41   262.95828 (21092903)
        464288.91   3673079.41   280.76612 (21020721)   464278.91
3673089.41   277.58621 (21020721)
        464358.91   3672919.41   70.29940 (21090507)   464368.91
3672919.41   69.17539 (21090507)
        464378.91   3672919.41   67.24653 (21090507)   464358.91
3672929.41   68.58645 (21090507)
        464368.91   3672929.41   66.76680 (21090507)   464378.91
3672929.41   64.13614 (21090507)
        464388.91   3672929.41   60.67463 (21090507)   464348.91
3672939.41   68.02720 (21090507)
        464358.91   3672939.41   66.30949 (21090507)   464368.91
3672939.41   63.82966 (21090507)
        464378.91   3672939.41   60.57144 (21090507)   464388.91
3672939.41   56.56829 (21090507)
        464338.91   3672949.41   67.49226 (21090507)   464348.91
3672949.41   65.86464 (21090507)
        464358.91   3672949.41   63.53247 (21090507)   464368.91
3672949.41   60.45744 (21090507)
        464378.91   3672949.41   56.67612 (21090507)   464338.91
3672959.41   65.44638 (21090507)
        464348.91   3672959.41   63.23830 (21090507)   464358.91
3672959.41   60.33677 (21090507)

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: COASTRVL ***
                                   INCLUDING SOURCE(S):   L0004988   , L0004989

```
, L0004990    , L0004991    , L0004992    ,
                L0004993    , L0004994    , L0004995    , L0004996    , L0004997
, L0004998    , L0004999    , L0005000    ,
                L0005001    , L0005002    , L0005003    , L0005004    , L0005005
, L0005006    , L0005007    , L0005008    ,
                L0005009    , L0005010    , L0005011    , L0005012    , L0005013
, L0005014    , L0005015    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        464368.91   3672959.41       56.75964  (21090507)               464378.91
3672959.41       52.57976  (21090507)
        464328.91   3672969.41       65.03391  (21090507)               464338.91
3672969.41       62.94189  (21090507)
        464348.91   3672969.41       60.20356  (21090507)               464358.91
3672969.41       56.81923  (21090507)
        464368.91   3672969.41       52.85005  (21090507)               464318.91
3672979.41       64.63138  (21090507)
        464328.91   3672979.41       62.65867  (21090507)               464338.91
3672979.41       60.06093  (21090507)
        464348.91   3672979.41       56.85142  (21090507)               464358.91
3672979.41       53.08181  (21090507)
        464328.91   3672989.41       59.91310  (21090507)               464338.91
3672989.41       56.86827  (21090507)
        464348.91   3672989.41       53.27718  (21090507)               464348.91
3672999.41       49.57479  (21090507)
        464298.91   3673009.41       61.79405  (21090507)               464288.91
3673019.41       61.50985  (21090507)
        464298.91   3673019.41       59.40011  (21090507)               464308.91
3673019.41       56.77743  (21090507)
        464318.91   3673019.41       53.69208  (21090507)               464288.91
3673029.41       59.22211  (21090507)
        464298.91   3673029.41       56.72204  (21090507)               464308.91
3673029.41       53.75197  (21090507)
        464318.91   3673029.41       50.41630  (21101805)               464328.91
3673029.41       49.10253  (21101805)
        464278.91   3673039.41       59.03877  (21090507)               464288.91
3673039.41       56.65589  (21090507)
        464298.91   3673039.41       53.81704  (21090507)               464308.91
3673039.41       50.56444  (21090507)
        464318.91   3673039.41       47.75248  (21101805)               464268.91
3673049.41       58.84840  (21090507)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INLDIDLE ***
INCLUDING SOURCE(S): INLDIDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464358.91	3672919.41	141.03004	(21092807)	464368.91	3672919.41	152.21211	(21092807)
464378.91	3672919.41	157.18002	(21092807)	464358.91	3672929.41	151.38920	(21092807)
464368.91	3672929.41	156.93391	(21092807)	464378.91	3672929.41	155.42320	(21092807)
464388.91	3672929.41	149.06024	(21100420)	464348.91	3672939.41	149.57302	(21092807)
464358.91	3672939.41	155.52135	(21092807)	464368.91	3672939.41	155.35328	(21092807)

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        464378.91   3672939.41      148.09857  (21092807)              464388.91
3672939.41      146.30357  (21100420)
        464338.91   3672949.41      147.24005  (21092807)              464348.91
3672949.41      153.32753  (21092807)
        464358.91   3672949.41      153.69406  (21092807)              464368.91
3672949.41      148.19360  (21092807)
        464378.91   3672949.41      142.62398  (21100420)              464338.91
3672959.41      150.66409  (21092807)
        464348.91   3672959.41      151.71705  (21092807)              464358.91
3672959.41      146.84898  (21092807)
        464368.91   3672959.41      137.92061  (21100420)              464378.91
3672959.41      135.92713  (21100420)
        464328.91   3672969.41      147.83421  (21092807)              464338.91
3672969.41      149.19751  (21092807)
        464348.91   3672969.41      145.36197  (21092807)              464358.91
3672969.41      136.13042  (21092807)
        464368.91   3672969.41      132.05618  (21100420)              464318.91
3672979.41      144.89940  (21092807)
        464328.91   3672979.41      146.50161  (21092807)              464338.91
3672979.41      143.42928  (21092807)
        464348.91   3672979.41      135.50913  (21092807)              464358.91
3672979.41      128.02656  (21100420)
        464328.91   3672989.41      140.61437  (21092807)              464338.91
3672989.41      133.64382  (21092807)
        464348.91   3672989.41      125.78801  (21092824)              464348.91
3672999.41      117.10426  (21100420)
        464298.91   3673009.41      138.28326  (21092807)              464288.91
3673019.41      135.04099  (21092807)
        464298.91   3673019.41      134.47744  (21092807)              464308.91
3673019.41      130.20907  (21092807)
        464318.91   3673019.41      119.99449  (21092807)              464288.91
3673029.41      131.34877  (21092807)
        464298.91   3673029.41      127.92780  (21092807)              464308.91
3673029.41      121.13552  (21092807)
        464318.91   3673029.41      114.37907  (21092824)              464328.91
3673029.41      105.42485  (21092824)
        464278.91   3673039.41      128.20108  (21092807)              464288.91
3673039.41      125.28322  (21092807)
        464298.91   3673039.41      119.43246  (21092807)              464308.91
3673039.41      114.69677  (21092824)
        464318.91   3673039.41      107.84411  (21092824)              464268.91
3673049.41      125.35390  (21092807)
        464278.91   3673049.41      122.68963  (21092807)              464288.91
3673049.41      117.49080  (21092807)
        464298.91   3673049.41      112.70115  (21092824)              464308.91
3673049.41      107.64078  (21092824)
        464258.91   3673059.41      122.56640  (21092807)              464268.91
3673059.41      120.46616  (21092807)
        464278.91   3673059.41      115.70221  (21092807)              464288.91
3673059.41      110.80061  (21092824)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INLDIDLE ***
INCLUDING SOURCE(S): INLDIDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464298.91	3673059.41	106.58334	(21092824)	464258.91	3673069.41	118.04550	(21092807)
464268.91	3673069.41	113.89488	(21092807)	464278.91	3673069.41	108.78167	(21092824)
464288.91	3673069.41	105.18501	(21092824)	464298.91	3673069.41	99.27657	(21092824)
464268.91	3673079.41	106.79905	(21092824)	464278.91	3673079.41	103.58891	(21092824)
464288.91	3673079.41	98.37090	(21092824)	464278.91	3673089.41	96.76478	(21092824)
464358.91	3672919.41	221.18458	(19070501)	464368.91	3672919.41	270.65292	(19070501)
464378.91	3672919.41	297.41534	(19070501)	464358.91	3672929.41	260.99830	(19070501)
464368.91	3672929.41	287.59539	(19070501)	464378.91	3672929.41	283.25185	(19070501)
464388.91	3672929.41	247.38119	(19070501)	464348.91	3672939.41	250.78101	(19070501)
464358.91	3672939.41	276.89484	(19070501)	464368.91	3672939.41	276.68082	(19070501)
464378.91	3672939.41	246.00738	(19070501)	464388.91	3672939.41	284.19949	(21101805)
464338.91	3672949.41	240.98755	(19070501)	464348.91	3672949.41	266.04265	(19070501)
464358.91	3672949.41	267.34639	(19070501)	464368.91	3672949.41	243.18436	(19070501)
464378.91	3672949.41	264.31070	(21101805)	464338.91	3672959.41	255.58850	(19070501)

```
        464348.91   3672959.41      258.87147  (19070501)                464358.91
3672959.41      237.66515  (19070501)
        464368.91   3672959.41      243.69482  (21101805)                464378.91
3672959.41      287.33824  (21101805)
        464328.91   3672969.41      246.12810  (19070501)                464338.91
3672969.41      250.17927  (19070501)
        464348.91   3672969.41      232.87604  (19070501)                464358.91
3672969.41      224.02703  (21101805)
        464368.91   3672969.41      268.17228  (21101805)                464318.91
3672979.41      237.54312  (19070501)
        464328.91   3672979.41      242.14553  (19070501)                464338.91
3672979.41      227.75570  (19070501)
        464348.91   3672979.41      207.52693  (21101805)                464358.91
3672979.41      249.97810  (21101805)
        464328.91   3672989.41      220.77788  (19070501)                464338.91
3672989.41      192.68595  (19070501)
        464348.91   3672989.41      233.44818  (21101805)                464348.91
3672999.41      244.48454  (21101805)
        464298.91   3673009.41      222.78748  (19070501)                464288.91
3673019.41      215.81848  (19070501)
        464298.91   3673019.41      210.44098  (19070501)                464308.91
3673019.41      191.29237  (19070501)
        464318.91   3673019.41      188.12535  (21101805)                464288.91
3673029.41      204.39405  (19070501)
        464298.91   3673029.41      188.31645  (19070501)                464308.91
3673029.41      183.05478  (21101805)
        464318.91   3673029.41      209.48084  (21101805)                464328.91
3673029.41      221.94238  (21101805)
        464278.91   3673039.41      198.49561  (19070501)                464288.91
3673039.41      184.42937  (19070501)
        464298.91   3673039.41      170.94749  (21101805)                464308.91
3673039.41      202.70839  (21101805)
        464318.91   3673039.41      221.80402  (21101805)                464268.91
3673049.41      193.73759  (19070501)
        464278.91   3673049.41      180.77770  (19070501)                464288.91
3673049.41      159.55732  (21101805)
        464298.91   3673049.41      190.70545  (21101805)                464308.91
3673049.41      213.85645  (21101805)
        464258.91   3673059.41      189.29086  (19070501)                464268.91
3673059.41      178.32184  (19070501)
        464278.91   3673059.41      158.56604  (19070501)                464288.91
3673059.41      179.90158  (21101805)
        464298.91   3673059.41      204.03936  (21101805)                464258.91
3673069.41      175.31782  (19070501)
        464268.91   3673069.41      157.59219  (19070501)                464278.91
3673069.41      169.65907  (21101805)
        464288.91   3673069.41      193.97933  (21101805)                464298.91
3673069.41      209.00930  (21101805)
        464268.91   3673079.41      160.25215  (21101805)                464278.91
3673079.41      184.09069  (21101805)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INLDIDLE ***
INCLUDING SOURCE(S): INLDIDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464288.91	3673079.41	200.48209	(21101805)	464278.91	3673089.41	190.28649	(21101805)
464358.91	3672919.41	959.54701	(21091921)	464368.91	3672919.41	927.20337	(21112719)
464378.91	3672919.41	905.78869	(21112719)	464358.91	3672929.41	894.16505	(21112719)
464368.91	3672929.41	876.26766	(21112719)	464378.91	3672929.41	805.33203	(21112719)
464388.91	3672929.41	908.01526	(20010921)	464348.91	3672939.41	861.85884	(21112719)
464358.91	3672939.41	847.06406	(21112719)	464368.91	3672939.41	785.35430	(21112719)
464378.91	3672939.41	854.89928	(20010921)	464388.91	3672939.41	911.87908	(20010921)
464338.91	3672949.41	831.67495	(21112719)	464348.91	3672949.41	818.86455	(21112719)
464358.91	3672949.41	762.73717	(21112719)	464368.91	3672949.41	805.30969	(20010921)
464378.91	3672949.41	876.20313	(20010921)	464338.91	3672959.41	792.24134	(21112719)
464348.91	3672959.41	742.15500	(21112719)	464358.91	3672959.41	760.80920	(20010921)
464368.91	3672959.41	841.91719	(20010921)	464378.91	3672959.41	855.55444	(20070722)
464328.91	3672969.41	768.07620	(21112719)	464338.91	3672969.41	721.92203	(21112719)
464348.91	3672969.41	717.91781	(20010921)	464358.91	3672969.41	807.94838	(20010921)

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        464368.91   3672969.41      821.14213  (20070722)                464318.91
3672979.41      746.14614  (21112719)
        464328.91   3672979.41      703.27936  (21112719)                464338.91
3672979.41      677.85352  (20010921)
        464348.91   3672979.41      772.30722  (20010921)                464358.91
3672979.41      793.97134  (20010921)
        464328.91   3672989.41      641.74082  (20010921)                464338.91
3672989.41      739.52498  (20010921)
        464348.91   3672989.41      772.75923  (20010921)                464348.91
3672999.41      745.25661  (20070722)
        464298.91   3673009.41      658.32238  (21112719)                464288.91
3673019.41      643.12695  (21112719)
        464298.91   3673019.41      591.69262  (21112719)                464308.91
3673019.41      636.40219  (20010921)
        464318.91   3673019.41      701.58503  (20010921)                464288.91
3673029.41      579.55147  (21112719)
        464298.91   3673029.41      607.00699  (20010921)                464308.91
3673029.41      668.97314  (20010921)
        464318.91   3673029.41      686.61768  (20010921)                464328.91
3673029.41      676.97297  (20070722)
        464278.91   3673039.41      567.67204  (21112719)                464288.91
3673039.41      579.82513  (20010921)
        464298.91   3673039.41      644.67645  (20010921)                464308.91
3673039.41      667.57278  (20070722)
        464318.91   3673039.41      679.22413  (20070722)                464268.91
3673049.41      558.06787  (21112719)
        464278.91   3673049.41      553.53168  (20010921)                464288.91
3673049.41      620.94529  (20010921)
        464298.91   3673049.41      648.76418  (20010921)                464308.91
3673049.41      665.77039  (20070722)
        464258.91   3673059.41      549.20632  (21112719)                464268.91
3673059.41      527.27871  (20010921)
        464278.91   3673059.41      596.65357  (20010921)                464288.91
3673059.41      630.79278  (20010921)
        464298.91   3673059.41      648.56476  (20070722)                464258.91
3673069.41      502.87326  (20010921)
        464268.91   3673069.41      572.70897  (20010921)                464278.91
3673069.41      612.34424  (20010921)
        464288.91   3673069.41      630.36708  (20070722)                464298.91
3673069.41      636.73319  (20070722)
        464268.91   3673079.41      593.26797  (20010921)                464278.91
3673079.41      611.87754  (20070722)
        464288.91   3673079.41      622.74744  (20070722)                464278.91
3673089.41      604.53707  (20070722)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                      ***        16:29:24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INLDTRVL ***
INCLUDING SOURCE(S): L0005606 , L0005607 , L0005608 , L0005609 , L0005610 ,
L0005611 , L0005612 , L0005613 , L0005614 , L0005615 , L0005616 , L0005617 , L0005618 ,
L0005619 , L0005620 , L0005621 , L0005622 , L0005623 , L0005624 , L0005625 , L0005626 ,
L0005627 , L0005628 , L0005629 , L0005630 , L0005631 , L0005632 , L0005633 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464358.91	3672919.41	277.56458	(20080104)	464368.91	3672919.41	288.30341	(20080104)
464378.91	3672919.41	306.79691	(20122019)	464358.91	3672929.41	284.78234	(20080104)
464368.91	3672929.41	300.43728	(20122019)	464378.91	3672929.41	323.88597	(21020721)
464388.91	3672929.41	377.84395	(21020721)	464348.91	3672939.41	280.58067	(20080104)
464358.91	3672939.41	293.27503	(20122019)	464368.91	3672939.41	314.29758	(20122019)
464378.91	3672939.41	361.98793	(21020721)	464388.91	3672939.41	428.87546	(21020721)
464338.91	3672949.41	276.12838	(20080104)	464348.91	3672949.41	287.71630	(20080104)
464358.91	3672949.41	306.00656	(20122019)	464368.91	3672949.41	347.01256	(21020721)
464378.91	3672949.41	408.56917	(21020721)	464338.91	3672959.41	283.34665	(20080104)
464348.91	3672959.41	298.37281	(20122019)	464358.91	3672959.41	332.07007	(21020721)
464368.91	3672959.41	388.76991	(21020721)	464378.91	3672959.41	466.62756	(21020721)
464328.91	3672969.41	278.94753	(20080104)	464338.91	3672969.41	290.56021	(20122019)
464348.91	3672969.41	318.67882	(21020721)	464358.91	3672969.41	370.19019	(21020721)
464368.91	3672969.41	439.94972	(21020721)	464318.91			

3672979.41 274.46645 (20080104)
464328.91 3672979.41 286.24325 (20080104) 464338.91
3672979.41 305.98097 (21020721)
464348.91 3672979.41 354.32508 (21020721) 464358.91
3672979.41 416.15953 (21020721)
464328.91 3672989.41 294.01884 (20122019) 464338.91
3672989.41 337.96396 (21020721)
464348.91 3672989.41 395.76867 (21020721) 464348.91
3672999.41 445.39460 (21020721)
464298.91 3673009.41 273.45848 (20080104) 464288.91
3673019.41 268.00940 (20080104)
464298.91 3673019.41 281.56404 (20080104) 464308.91
3673019.41 302.92361 (21020721)
464318.91 3673019.41 343.00315 (21020721) 464288.91
3673029.41 275.96960 (20080104)
464298.91 3673029.41 291.33949 (21020721) 464308.91
3673029.41 335.97047 (21020721)
464318.91 3673029.41 385.95202 (21020721) 464328.91
3673029.41 449.86796 (21020721)
464278.91 3673039.41 270.25827 (20080104) 464288.91
3673039.41 283.80332 (20080104)
464298.91 3673039.41 322.26305 (21020721) 464308.91
3673039.41 374.43778 (21020721)
464318.91 3673039.41 439.16922 (21020721) 464268.91
3673049.41 264.81001 (20080104)
464278.91 3673049.41 278.36747 (20080104) 464288.91
3673049.41 309.25478 (21020721)
464298.91 3673049.41 357.95309 (21020721) 464308.91
3673049.41 420.45099 (21020721)
464258.91 3673059.41 259.20410 (20080104) 464268.91
3673059.41 273.58295 (20080104)
464278.91 3673059.41 297.69767 (21020721) 464288.91
3673059.41 343.38414 (21020721)
464298.91 3673059.41 401.30575 (21020721) 464258.91
3673069.41 268.13737 (20080104)
464268.91 3673069.41 286.95672 (21020721) 464278.91
3673069.41 329.76762 (21020721)
464288.91 3673069.41 383.38512 (21020721) 464298.91
3673069.41 454.12608 (21020721)
464268.91 3673079.41 317.26414 (21020721) 464278.91
3673079.41 366.65500 (21020721)
464288.91 3673079.41 430.72621 (21020721) 464278.91
3673089.41 407.41602 (21020721)
464358.91 3672919.41 130.83648 (20070722) 464368.91
3672919.41 139.95459 (20070722)
464378.91 3672919.41 149.70454 (20070722) 464358.91
3672929.41 137.20864 (20070722)
464368.91 3672929.41 146.40128 (20070722) 464378.91
3672929.41 156.38175 (20070722)
464388.91 3672929.41 166.30569 (20070722) 464348.91

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: INLDTRVL ***
                                   INCLUDING SOURCE(S):   L0005606   , L0005607
, L0005608   , L0005609   , L0005610   ,
                  L0005611   , L0005612   , L0005613   , L0005614   , L0005615
, L0005616   , L0005617   , L0005618   ,
                  L0005619   , L0005620   , L0005621   , L0005622   , L0005623
, L0005624   , L0005625   , L0005626   ,
                  L0005627   , L0005628   , L0005629   , L0005630   , L0005631
, L0005632   , L0005633   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        464378.91   3672939.41   162.83652 (20070722)   464388.91
3672939.41   176.55534 (21092903)
        464338.91   3672949.41   133.27200 (20070722)   464348.91
3672949.41   141.83849 (20070722)
        464358.91   3672949.41   150.99175 (20070722)   464368.91
3672949.41   159.89396 (20070722)
        464378.91   3672949.41   170.41565 (20070722)   464338.91
3672959.41   139.97257 (20070722)
        464348.91   3672959.41   148.79815 (20070722)   464358.91
3672959.41   158.62838 (20070722)
        464368.91   3672959.41   168.48252 (20070722)   464378.91
3672959.41   189.22305 (21020721)
        464328.91   3672969.41   137.90573 (20070722)   464338.91
3672969.41   146.94405 (20070722)
        464348.91   3672969.41   156.52160 (20070722)   464358.91
3672969.41   167.38465 (20070722)
        464368.91   3672969.41   183.38197 (21092903)   464318.91
3672979.41   135.65176 (20070722)

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        464328.91   3672979.41      144.87813  (20070722)               464338.91
3672979.41      154.49592  (20070722)
        464348.91   3672979.41      164.93019  (20070722)               464358.91
3672979.41      178.27382  (21092903)
        464328.91   3672989.41      153.93526  (20070722)               464338.91
3672989.41      164.77913  (20070722)
        464348.91   3672989.41      175.46961  (20070722)               464348.91
3672999.41      194.55070  (21092903)
        464298.91   3673009.41      136.57447  (20070722)               464288.91
3673019.41      134.64441  (20070722)
        464298.91   3673019.41      142.98728  (20070722)               464308.91
3673019.41      152.28465  (20070722)
        464318.91   3673019.41      171.49545  (20070722)               464288.91
3673029.41      141.70149  (20070722)
        464298.91   3673029.41      150.28422  (20070722)               464308.91
3673029.41      159.87436  (20070722)
        464318.91   3673029.41      177.01678  (20070722)               464328.91
3673029.41      208.45907  (21020721)
        464278.91   3673039.41      140.42820  (20070722)               464288.91
3673039.41      149.14784  (20070722)
        464298.91   3673039.41      158.07789  (20070722)               464308.91
3673039.41      168.09776  (20070722)
        464318.91   3673039.41      187.15080  (21092903)               464268.91
3673049.41      138.20545  (20070722)
        464278.91   3673049.41      147.62805  (20070722)               464288.91
3673049.41      156.63381  (20070722)
        464298.91   3673049.41      166.13518  (20070722)               464308.91
3673049.41      178.13807  (21092903)
        464258.91   3673059.41      135.80261  (20070722)               464268.91
3673059.41      144.60366  (20070722)
        464278.91   3673059.41      154.10876  (20070722)               464288.91
3673059.41      163.51076  (20070722)
        464298.91   3673059.41      173.43028  (20070722)               464258.91
3673069.41      142.17628  (20070722)
        464268.91   3673069.41      151.26605  (20070722)               464278.91
3673069.41      161.01949  (20070722)
        464288.91   3673069.41      170.73701  (20070722)               464298.91
3673069.41      187.96596  (21092903)
        464268.91   3673079.41      158.20614  (20070722)               464278.91
3673079.41      168.40421  (20070722)
        464288.91   3673079.41      181.96711  (21092903)               464278.91
3673089.41      178.90664  (20070722)
        464358.91   3672919.41       38.01416  (21090507)               464368.91
3672919.41       39.45827  (21090507)
        464378.91   3672919.41       41.13063  (21090507)               464358.91
3672929.41       39.06307  (21090507)
        464368.91   3672929.41       40.66379  (21090507)               464378.91
3672929.41       42.51084  (21090507)
        464388.91   3672929.41       44.44537  (21090507)               464348.91
3672939.41       38.69334  (21090507)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: INLDTRVL ***
INCLUDING SOURCE(S): L0005606 , L0005607 , L0005608 , L0005609 , L0005610 ,
L0005611 , L0005612 , L0005613 , L0005614 , L0005615 , L0005616 , L0005617 , L0005618 ,
L0005619 , L0005620 , L0005621 , L0005622 , L0005623 , L0005624 , L0005625 , L0005626 ,
L0005627 , L0005628 , L0005629 , L0005630 , L0005631 , L0005632 , L0005633 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464358.91	3672939.41	40.22796	(21090507)	464368.91	3672939.41	42.00420	(21090507)
464378.91	3672939.41	43.96086	(21090507)	464388.91	3672939.41	45.62838	(21090507)
464338.91	3672949.41	38.34277	(21090507)	464348.91	3672949.41	39.81501	(21090507)
464358.91	3672949.41	41.53734	(21090507)	464368.91	3672949.41	43.46633	(21090507)
464378.91	3672949.41	45.31745	(21090507)	464338.91	3672959.41	39.42843	(21090507)
464348.91	3672959.41	41.08148	(21090507)	464358.91	3672959.41	42.99129	(21090507)
464368.91	3672959.41	44.94760	(21090507)	464378.91	3672959.41	46.16020	(21090507)
464328.91	3672969.41	39.05551	(21090507)	464338.91	3672969.41	40.64367	(21090507)
464348.91	3672969.41	42.49828	(21090507)	464358.91	3672969.41	44.51943	(21090507)
464368.91	3672969.41	46.12199	(21090507)	464318.91	3672979.41	38.69808	(21090507)
464328.91	3672979.41	40.22599	(21090507)	464338.91			

3672979.41   42.01178 (21090507)
        464348.91   3672979.41   44.01448 (21090507)   464358.91
3672979.41   45.87863 (21090507)
        464328.91   3672989.41   41.55442 (21090507)   464338.91
3672989.41   43.52948 (21090507)
        464348.91   3672989.41   45.48302 (21090507)   464348.91
3672999.41   46.55145 (21090507)
        464298.91   3673009.41   39.05279 (21090507)   464288.91
3673019.41   38.70275 (21090507)
        464298.91   3673019.41   40.18194 (21090507)   464308.91
3673019.41   41.90034 (21090507)
        464318.91   3673019.41   43.98789 (21090507)   464288.91
3673029.41   39.78902 (21090507)
        464298.91   3673029.41   41.42517 (21090507)   464308.91
3673029.41   43.28713 (21090507)
        464318.91   3673029.41   45.33293 (21090507)   464328.91
3673029.41   46.85178 (21090507)
        464278.91   3673039.41   39.41427 (21090507)   464288.91
3673039.41   40.97985 (21090507)
        464298.91   3673039.41   42.76947 (21090507)   464308.91
3673039.41   44.67726 (21090507)
        464318.91   3673039.41   46.27196 (21090507)   464268.91
3673049.41   39.04970 (21090507)
        464278.91   3673049.41   40.55004 (21090507)   464288.91
3673049.41   42.26846 (21090507)
        464298.91   3673049.41   44.15134 (21090507)   464308.91
3673049.41   45.84621 (21090507)
        464258.91   3673059.41   38.69830 (21090507)   464268.91
3673059.41   40.12693 (21090507)
        464278.91   3673059.41   41.77108 (21090507)   464288.91
3673059.41   43.60388 (21090507)
        464298.91   3673059.41   45.39188 (21090507)   464258.91
3673069.41   39.73059 (21090507)
        464268.91   3673069.41   41.29270 (21090507)   464278.91
3673069.41   43.06552 (21090507)
        464288.91   3673069.41   44.89658 (21090507)   464298.91
3673069.41   46.21517 (21090507)
        464268.91   3673079.41   42.53928 (21090507)   464278.91
3673079.41   44.37876 (21090507)
        464288.91   3673079.41   45.95770 (21090507)   464278.91
3673089.41   45.64914 (21090507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: OCIDLE   ***
                                INCLUDING SOURCE(S):   OCIDLE   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3673019.41   135.04099 (21092807)
        464298.91   3673019.41   134.47744 (21092807)   464308.91
3673019.41   130.20907 (21092807)
        464318.91   3673019.41   119.99449 (21092807)   464288.91
3673029.41   131.34877 (21092807)
        464298.91   3673029.41   127.92780 (21092807)   464308.91
3673029.41   121.13552 (21092807)
        464318.91   3673029.41   114.37907 (21092824)   464328.91
3673029.41   105.42485 (21092824)
        464278.91   3673039.41   128.20108 (21092807)   464288.91
3673039.41   125.28322 (21092807)
        464298.91   3673039.41   119.43246 (21092807)   464308.91
3673039.41   114.69677 (21092824)
        464318.91   3673039.41   107.84411 (21092824)   464268.91
3673049.41   125.35390 (21092807)
        464278.91   3673049.41   122.68963 (21092807)   464288.91
3673049.41   117.49080 (21092807)
        464298.91   3673049.41   112.70115 (21092824)   464308.91
3673049.41   107.64078 (21092824)
        464258.91   3673059.41   122.56640 (21092807)   464268.91
3673059.41   120.46616 (21092807)
        464278.91   3673059.41   115.70221 (21092807)   464288.91
3673059.41   110.80061 (21092824)
        464298.91   3673059.41   106.58334 (21092824)   464258.91
3673069.41   118.04550 (21092807)
        464268.91   3673069.41   113.89488 (21092807)   464278.91
3673069.41   108.78167 (21092824)
        464288.91   3673069.41   105.18501 (21092824)   464298.91
3673069.41   99.27657 (21092824)
        464268.91   3673079.41   106.79905 (21092824)   464278.91
3673079.41   103.58891 (21092824)
        464288.91   3673079.41   98.37090 (21092824)   464278.91
3673089.41   96.76478 (21092824)
        464358.91   3672919.41   221.18458 (19070501)   464368.91
3672919.41   270.65292 (19070501)
        464378.91   3672919.41   297.41534 (19070501)   464358.91
3672929.41   260.99830 (19070501)
        464368.91   3672929.41   287.59539 (19070501)   464378.91
3672929.41   283.25185 (19070501)
        464388.91   3672929.41   247.38119 (19070501)   464348.91
3672939.41   250.78101 (19070501)
        464358.91   3672939.41   276.89484 (19070501)   464368.91
3672939.41   276.68082 (19070501)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OCIDLE ***
INCLUDING SOURCE(S): OCIDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464378.91	3672939.41	246.00738	(19070501)	464388.91	3672939.41	284.19949	(21101805)
464338.91	3672949.41	240.98755	(19070501)	464348.91	3672949.41	266.04265	(19070501)
464358.91	3672949.41	267.34639	(19070501)	464368.91	3672949.41	243.18436	(19070501)
464378.91	3672949.41	264.31070	(21101805)	464338.91	3672959.41	255.58850	(19070501)
464348.91	3672959.41	258.87147	(19070501)	464358.91	3672959.41	237.66515	(19070501)
464368.91	3672959.41	243.69482	(21101805)	464378.91	3672959.41	287.33824	(21101805)
464328.91	3672969.41	246.12810	(19070501)	464338.91	3672969.41	250.17927	(19070501)
464348.91	3672969.41	232.87604	(19070501)	464358.91	3672969.41	224.02703	(21101805)
464368.91	3672969.41	268.17228	(21101805)	464318.91	3672979.41	237.54312	(19070501)
464328.91	3672979.41	242.14553	(19070501)	464338.91	3672979.41	227.75570	(19070501)
464348.91	3672979.41	207.52693	(21101805)	464358.91	3672979.41	249.97810	(21101805)
464328.91	3672989.41	220.77788	(19070501)	464338.91	3672989.41	192.68595	(19070501)
464348.91	3672989.41	233.44818	(21101805)	464348.91	3672999.41	244.48454	(21101805)
464298.91	3673009.41	222.78748	(19070501)	464288.91	3673019.41	215.81848	(19070501)
464298.91	3673019.41	210.44098	(19070501)	464308.91	3673019.41	191.29237	(19070501)
464318.91	3673019.41	188.12535	(21101805)	464288.91	3673029.41	204.39405	(19070501)
464298.91	3673029.41	188.31645	(19070501)	464308.91	3673029.41	183.05478	(21101805)
464318.91	3673029.41	209.48084	(21101805)	464328.91			

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3673029.41      221.94238  (21101805)
        464278.91   3673039.41      198.49561  (19070501)                464288.91
3673039.41      184.42937  (19070501)
        464298.91   3673039.41      170.94749  (21101805)                464308.91
3673039.41      202.70839  (21101805)
        464318.91   3673039.41      221.80402  (21101805)                464268.91
3673049.41      193.73759  (19070501)
        464278.91   3673049.41      180.77770  (19070501)                464288.91
3673049.41      159.55732  (21101805)
        464298.91   3673049.41      190.70545  (21101805)                464308.91
3673049.41      213.85645  (21101805)
        464258.91   3673059.41      189.29086  (19070501)                464268.91
3673059.41      178.32184  (19070501)
        464278.91   3673059.41      158.56604  (19070501)                464288.91
3673059.41      179.90158  (21101805)
        464298.91   3673059.41      204.03936  (21101805)                464258.91
3673069.41      175.31782  (19070501)
        464268.91   3673069.41      157.59219  (19070501)                464278.91
3673069.41      169.65907  (21101805)
        464288.91   3673069.41      193.97933  (21101805)                464298.91
3673069.41      209.00930  (21101805)
        464268.91   3673079.41      160.25215  (21101805)                464278.91
3673079.41      184.09069  (21101805)
        464288.91   3673079.41      200.48209  (21101805)                464278.91
3673089.41      190.28649  (21101805)
        464358.91   3672919.41      959.54701  (21091921)                464368.91
3672919.41      927.20337  (21112719)
        464378.91   3672919.41      905.78869  (21112719)                464358.91
3672929.41      894.16505  (21112719)
        464368.91   3672929.41      876.26766  (21112719)                464378.91
3672929.41      805.33203  (21112719)
        464388.91   3672929.41      908.01526  (20010921)                464348.91
3672939.41      861.85884  (21112719)
        464358.91   3672939.41      847.06406  (21112719)                464368.91
3672939.41      785.35430  (21112719)
        464378.91   3672939.41      854.89928  (20010921)                464388.91
3672939.41      911.87908  (20010921)
        464338.91   3672949.41      831.67495  (21112719)                464348.91
3672949.41      818.86455  (21112719)
        464358.91   3672949.41      762.73717  (21112719)                464368.91
3672949.41      805.30969  (20010921)
        464378.91   3672949.41      876.20313  (20010921)                464338.91
3672959.41      792.24134  (21112719)
        464348.91   3672959.41      742.15500  (21112719)                464358.91
3672959.41      760.80920  (20010921)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OCIDLE ***
INCLUDING SOURCE(S): OCIDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464368.91	3672959.41	841.91719	(20010921)	464378.91	3672959.41	855.55444	(20070722)
464328.91	3672969.41	768.07620	(21112719)	464338.91	3672969.41	721.92203	(21112719)
464348.91	3672969.41	717.91781	(20010921)	464358.91	3672969.41	807.94838	(20010921)
464368.91	3672969.41	821.14213	(20070722)	464318.91	3672979.41	746.14614	(21112719)
464328.91	3672979.41	703.27936	(21112719)	464338.91	3672979.41	677.85352	(20010921)
464348.91	3672979.41	772.30722	(20010921)	464358.91	3672979.41	793.97134	(20010921)
464328.91	3672989.41	641.74082	(20010921)	464338.91	3672989.41	739.52498	(20010921)
464348.91	3672989.41	772.75923	(20010921)	464348.91	3672999.41	745.25661	(20070722)
464298.91	3673009.41	658.32238	(21112719)	464288.91	3673019.41	643.12695	(21112719)
464298.91	3673019.41	591.69262	(21112719)	464308.91	3673019.41	636.40219	(20010921)
464318.91	3673019.41	701.58503	(20010921)	464288.91	3673029.41	579.55147	(21112719)
464298.91	3673029.41	607.00699	(20010921)	464308.91	3673029.41	668.97314	(20010921)
464318.91	3673029.41	686.61768	(20010921)	464328.91	3673029.41	676.97297	(20070722)
464278.91	3673039.41	567.67204	(21112719)	464288.91	3673039.41	579.82513	(20010921)
464298.91	3673039.41	644.67645	(20010921)	464308.91	3673039.41	667.57278	(20070722)
464318.91	3673039.41	679.22413	(20070722)	464268.91	3673049.41	558.06787	(21112719)
464278.91	3673049.41	553.53168	(20010921)	464288.91			

3673049.41   620.94529 (20010921)
        464298.91   3673049.41   648.76418 (20010921)   464308.91
3673049.41   665.77039 (20070722)
        464258.91   3673059.41   549.20632 (21112719)   464268.91
3673059.41   527.27871 (20010921)
        464278.91   3673059.41   596.65357 (20010921)   464288.91
3673059.41   630.79278 (20010921)
        464298.91   3673059.41   648.56476 (20070722)   464258.91
3673069.41   502.87326 (20010921)
        464268.91   3673069.41   572.70897 (20010921)   464278.91
3673069.41   612.34424 (20010921)
        464288.91   3673069.41   630.36708 (20070722)   464298.91
3673069.41   636.73319 (20070722)
        464268.91   3673079.41   593.26797 (20010921)   464278.91
3673079.41   611.87754 (20070722)
        464288.91   3673079.41   622.74744 (20070722)   464278.91
3673089.41   604.53707 (20070722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OCTRVL   ***
                                  INCLUDING SOURCE(S):   L0005182   , L0005183 , L0005184   , L0005185   , L0005186   ,
                 L0005187   , L0005188   , L0005189   , L0005190   , L0005191 , L0005192   , L0005193   , L0005194   ,
                 L0005195   , L0005196   , L0005197   , L0005198   , L0005199 , L0005200   , L0005201   , L0005202   ,
                 L0005203   , L0005204   , L0005205   , L0005206   , L0005207 , L0005208   , L0005209   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        464368.91   3672929.41      300.43728  (20122019)               464378.91
3672929.41      323.88597  (21020721)
        464388.91   3672929.41      377.84395  (21020721)               464348.91
3672939.41      280.58067  (20080104)
        464358.91   3672939.41      293.27503  (20122019)               464368.91
3672939.41      314.29758  (20122019)
        464378.91   3672939.41      361.98793  (21020721)               464388.91
3672939.41      428.87546  (21020721)
        464338.91   3672949.41      276.12838  (20080104)               464348.91
3672949.41      287.71630  (20080104)
        464358.91   3672949.41      306.00656  (20122019)               464368.91
3672949.41      347.01256  (21020721)
        464378.91   3672949.41      408.56917  (21020721)               464338.91
3672959.41      283.34665  (20080104)
        464348.91   3672959.41      298.37281  (20122019)               464358.91
3672959.41      332.07007  (21020721)
        464368.91   3672959.41      388.76991  (21020721)               464378.91
3672959.41      466.62756  (21020721)
        464328.91   3672969.41      278.94753  (20080104)               464338.91
3672969.41      290.56021  (20122019)
        464348.91   3672969.41      318.67882  (21020721)               464358.91
3672969.41      370.19019  (21020721)
        464368.91   3672969.41      439.94972  (21020721)               464318.91
3672979.41      274.46645  (20080104)
        464328.91   3672979.41      286.24325  (20080104)               464338.91
3672979.41      305.98097  (21020721)
        464348.91   3672979.41      354.32508  (21020721)               464358.91
3672979.41      416.15953  (21020721)
        464328.91   3672989.41      294.01884  (20122019)               464338.91
3672989.41      337.96396  (21020721)
        464348.91   3672989.41      395.76867  (21020721)               464348.91
3672999.41      445.39460  (21020721)
        464298.91   3673009.41      273.45848  (20080104)               464288.91
3673019.41      268.00940  (20080104)
        464298.91   3673019.41      281.56404  (20080104)               464308.91
3673019.41      302.92361  (21020721)
        464318.91   3673019.41      343.00315  (21020721)               464288.91
3673029.41      275.96960  (20080104)
        464298.91   3673029.41      291.33949  (21020721)               464308.91
3673029.41      335.97047  (21020721)
        464318.91   3673029.41      385.95202  (21020721)               464328.91
3673029.41      449.86796  (21020721)
        464278.91   3673039.41      270.25827  (20080104)               464288.91
3673039.41      283.80332  (20080104)
        464298.91   3673039.41      322.26305  (21020721)               464308.91
3673039.41      374.43778  (21020721)
        464318.91   3673039.41      439.16922  (21020721)               464268.91
3673049.41      264.81001  (20080104)
        464278.91   3673049.41      278.36747  (20080104)               464288.91
3673049.41      309.25478  (21020721)
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        464298.91   3673049.41      357.95309  (21020721)                464308.91
3673049.41      420.45099  (21020721)
        464258.91   3673059.41      259.20410  (20080104)                464268.91
3673059.41      273.58295  (20080104)
        464278.91   3673059.41      297.69767  (21020721)                464288.91
3673059.41      343.38414  (21020721)
        464298.91   3673059.41      401.30575  (21020721)                464258.91
3673069.41      268.13737  (20080104)
        464268.91   3673069.41      286.95672  (21020721)                464278.91
3673069.41      329.76762  (21020721)
        464288.91   3673069.41      383.38512  (21020721)                464298.91
3673069.41      454.12608  (21020721)
        464268.91   3673079.41      317.26414  (21020721)                464278.91
3673079.41      366.65500  (21020721)
        464288.91   3673079.41      430.72621  (21020721)                464278.91
3673089.41      407.41602  (21020721)
        464358.91   3672919.41      130.83648  (20070722)                464368.91
3672919.41      139.95459  (20070722)
        464378.91   3672919.41      149.70454  (20070722)                464358.91
3672929.41      137.20864  (20070722)
        464368.91   3672929.41      146.40128  (20070722)                464378.91
3672929.41      156.38175  (20070722)
        464388.91   3672929.41      166.30569  (20070722)                464348.91
3672939.41      135.15554  (20070722)
        464358.91   3672939.41      143.88568  (20070722)                464368.91
3672939.41      152.82992  (20070722)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                   PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OCTRVL   ***
                                   INCLUDING SOURCE(S):     L0005182    , L0005183
, L0005184    , L0005185    , L0005186    ,
                  L0005187    , L0005188    , L0005189    , L0005190    , L0005191
, L0005192    , L0005193    , L0005194    ,
                  L0005195    , L0005196    , L0005197    , L0005198    , L0005199
, L0005200    , L0005201    , L0005202    ,
                  L0005203    , L0005204    , L0005205    , L0005206    , L0005207
, L0005208    , L0005209    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464378.91	3672939.41	162.83652	(20070722)	464388.91	3672939.41	176.55534	(21092903)
464338.91	3672949.41	133.27200	(20070722)	464348.91	3672949.41	141.83849	(20070722)
464358.91	3672949.41	150.99175	(20070722)	464368.91	3672949.41	159.89396	(20070722)
464378.91	3672949.41	170.41565	(20070722)	464338.91	3672959.41	139.97257	(20070722)
464348.91	3672959.41	148.79815	(20070722)	464358.91	3672959.41	158.62838	(20070722)
464368.91	3672959.41	168.48252	(20070722)	464378.91	3672959.41	189.22305	(21020721)
464328.91	3672969.41	137.90573	(20070722)	464338.91	3672969.41	146.94405	(20070722)
464348.91	3672969.41	156.52160	(20070722)	464358.91	3672969.41	167.38465	(20070722)
464368.91	3672969.41	183.38197	(21092903)	464318.91	3672979.41	135.65176	(20070722)
464328.91	3672979.41	144.87813	(20070722)	464338.91	3672979.41	154.49592	(20070722)
464348.91	3672979.41	164.93019	(20070722)	464358.91	3672979.41	178.27382	(21092903)
464328.91	3672989.41	153.93526	(20070722)	464338.91	3672989.41	164.77913	(20070722)
464348.91	3672989.41	175.46961	(20070722)	464348.91	3672999.41	194.55070	(21092903)
464298.91	3673009.41	136.57447	(20070722)	464288.91	3673019.41	134.64441	(20070722)
464298.91	3673019.41	142.98728	(20070722)	464308.91	3673019.41	152.28465	(20070722)
464318.91	3673019.41	171.49545	(20070722)	464288.91	3673029.41	141.70149	(20070722)
464298.91	3673029.41	150.28422	(20070722)	464308.91	3673029.41	159.87436	(20070722)
464318.91	3673029.41	177.01678	(20070722)	464328.91	3673029.41	208.45907	(21020721)
464278.91	3673039.41	140.42820	(20070722)	464288.91	3673039.41	149.14784	(20070722)
464298.91	3673039.41	158.07789	(20070722)	464308.91	3673039.41	168.09776	(20070722)
464318.91	3673039.41	187.15080	(21092903)	464268.91	3673049.41	138.20545	(20070722)
464278.91	3673049.41	147.62805	(20070722)	464288.91	3673049.41	156.63381	(20070722)
464298.91	3673049.41	166.13518	(20070722)	464308.91			

3673049.41   178.13807 (21092903)
        464258.91   3673059.41   135.80261 (20070722)   464268.91
3673059.41   144.60366 (20070722)
        464278.91   3673059.41   154.10876 (20070722)   464288.91
3673059.41   163.51076 (20070722)
        464298.91   3673059.41   173.43028 (20070722)   464258.91
3673069.41   142.17628 (20070722)
        464268.91   3673069.41   151.26605 (20070722)   464278.91
3673069.41   161.01949 (20070722)
        464288.91   3673069.41   170.73701 (20070722)   464298.91
3673069.41   187.96596 (21092903)
        464268.91   3673079.41   158.20614 (20070722)   464278.91
3673079.41   168.40421 (20070722)
        464288.91   3673079.41   181.96711 (21092903)   464278.91
3673089.41   178.90664 (20070722)
        464358.91   3672919.41   38.01416 (21090507)   464368.91
3672919.41   39.45827 (21090507)
        464378.91   3672919.41   41.13063 (21090507)   464358.91
3672929.41   39.06307 (21090507)
        464368.91   3672929.41   40.66379 (21090507)   464378.91
3672929.41   42.51084 (21090507)
        464388.91   3672929.41   44.44537 (21090507)   464348.91
3672939.41   38.69334 (21090507)
        464358.91   3672939.41   40.22796 (21090507)   464368.91
3672939.41   42.00420 (21090507)
        464378.91   3672939.41   43.96086 (21090507)   464388.91
3672939.41   45.62838 (21090507)
        464338.91   3672949.41   38.34277 (21090507)   464348.91
3672949.41   39.81501 (21090507)
        464358.91   3672949.41   41.53734 (21090507)   464368.91
3672949.41   43.46633 (21090507)
        464378.91   3672949.41   45.31745 (21090507)   464338.91
3672959.41   39.42843 (21090507)
        464348.91   3672959.41   41.08148 (21090507)   464358.91
3672959.41   42.99129 (21090507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OCTRVL   ***
                                   INCLUDING SOURCE(S):   L0005182   , L0005183 , L0005184   , L0005185   , L0005186   ,
                  L0005187   , L0005188   , L0005189   , L0005190   , L0005191 , L0005192   , L0005193   , L0005194   ,
                  L0005195   , L0005196   , L0005197   , L0005198   , L0005199

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, L0005200    , L0005201    , L0005202    ,
                L0005203    , L0005204    , L0005205    , L0005206    , L0005207
, L0005208    , L0005209    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        464368.91   3672959.41       44.94760  (21090507)               464378.91
3672959.41       46.16020  (21090507)
        464328.91   3672969.41       39.05551  (21090507)               464338.91
3672969.41       40.64367  (21090507)
        464348.91   3672969.41       42.49828  (21090507)               464358.91
3672969.41       44.51943  (21090507)
        464368.91   3672969.41       46.12199  (21090507)               464318.91
3672979.41       38.69808  (21090507)
        464328.91   3672979.41       40.22599  (21090507)               464338.91
3672979.41       42.01178  (21090507)
        464348.91   3672979.41       44.01448  (21090507)               464358.91
3672979.41       45.87863  (21090507)
        464328.91   3672989.41       41.55442  (21090507)               464338.91
3672989.41       43.52948  (21090507)
        464348.91   3672989.41       45.48302  (21090507)               464348.91
3672999.41       46.55145  (21090507)
        464298.91   3673009.41       39.05279  (21090507)               464288.91
3673019.41       38.70275  (21090507)
        464298.91   3673019.41       40.18194  (21090507)               464308.91
3673019.41       41.90034  (21090507)
        464318.91   3673019.41       43.98789  (21090507)               464288.91
3673029.41       39.78902  (21090507)
        464298.91   3673029.41       41.42517  (21090507)               464308.91
3673029.41       43.28713  (21090507)
        464318.91   3673029.41       45.33293  (21090507)               464328.91
3673029.41       46.85178  (21090507)
        464278.91   3673039.41       39.41427  (21090507)               464288.91
3673039.41       40.97985  (21090507)
        464298.91   3673039.41       42.76947  (21090507)               464308.91
3673039.41       44.67726  (21090507)
        464318.91   3673039.41       46.27196  (21090507)               464268.91
3673049.41       39.04970  (21090507)
        464278.91   3673049.41       40.55004  (21090507)               464288.91
3673049.41       42.26846  (21090507)
        464298.91   3673049.41       44.15134  (21090507)               464308.91
3673049.41       45.84621  (21090507)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPRNIDLE ***
INCLUDING SOURCE(S): SPRNIDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464258.91	3673059.41	38.69830	(21090507)	464268.91	3673059.41	40.12693	(21090507)
464278.91	3673059.41	41.77108	(21090507)	464288.91	3673059.41	43.60388	(21090507)
464298.91	3673059.41	45.39188	(21090507)	464258.91	3673069.41	39.73059	(21090507)
464268.91	3673069.41	41.29270	(21090507)	464278.91	3673069.41	43.06552	(21090507)
464288.91	3673069.41	44.89658	(21090507)	464298.91	3673069.41	46.21517	(21090507)
464268.91	3673079.41	42.53928	(21090507)	464278.91	3673079.41	44.37876	(21090507)
464288.91	3673079.41	45.95770	(21090507)	464278.91	3673089.41	45.64914	(21090507)
464358.91	3672919.41	123.01078	(21092807)	464368.91	3672919.41	127.18092	(21092807)
464378.91	3672919.41	128.69602	(21092807)	464358.91	3672929.41	124.11227	(21092807)
464368.91	3672929.41	125.86559	(21092807)	464378.91	3672929.41	124.87801	(21092807)
464388.91	3672929.41	121.33019	(21092807)	464348.91	3672939.41	120.91222	(21092807)
464358.91	3672939.41	122.85493	(21092807)	464368.91	3672939.41	122.38099	(21092807)
464378.91	3672939.41	119.22811	(21092807)	464388.91	3672939.41	113.60578	(21092807)
464338.91	3672949.41	117.74937	(21092807)	464348.91	3672949.41	119.77992	(21092807)

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        464358.91   3672949.41      119.48716  (21092807)               464368.91
3672949.41      116.97624  (21092807)
        464378.91   3672949.41      111.99883  (21092807)               464338.91
3672959.41      116.73177  (21092807)
        464348.91   3672959.41      116.71353  (21092807)               464358.91
3672959.41      114.36886  (21092807)
        464368.91   3672959.41      110.00444  (21092807)               464378.91
3672959.41      106.71893  (21092824)
        464328.91   3672969.41      113.80939  (21092807)               464338.91
3672969.41      113.91212  (21092807)
        464348.91   3672969.41      111.94289  (21092807)               464358.91
3672969.41      107.83847  (21092807)
        464368.91   3672969.41      104.29386  (21092824)               464318.91
3672979.41      111.00830  (21092807)
        464328.91   3672979.41      111.21267  (21092807)               464338.91
3672979.41      109.51955  (21092807)
        464348.91   3672979.41      105.88825  (21092807)               464358.91
3672979.41      101.89337  (21092824)
        464328.91   3672989.41      106.85563  (21092807)               464338.91
3672989.41      103.55011  (21092807)
        464348.91   3672989.41       99.63106  (21092824)               464348.91
3672999.41       95.03200  (21092824)
        464298.91   3673009.41      103.88663  (21092807)               464288.91
3673019.41      101.41074  (21092807)
        464298.91   3673019.41      100.74808  (21092807)               464308.91
3673019.41       98.49092  (21092807)
        464318.91   3673019.41       93.52111  (21092807)               464288.91
3673029.41       98.39028  (21092807)
        464298.91   3673029.41       96.49156  (21092807)               464308.91
3673029.41       93.12128  (21092807)
        464318.91   3673029.41       90.14670  (21092824)               464328.91
3673029.41       86.65692  (21092824)
        464278.91   3673039.41       96.09048  (21092807)               464288.91
3673039.41       94.39748  (21092807)
        464298.91   3673039.41       91.41557  (21092807)               464308.91
3673039.41       89.34481  (21092824)
        464318.91   3673039.41       86.84810  (21092824)               464268.91
3673049.41       93.99743  (21092807)
        464278.91   3673049.41       92.39661  (21092807)               464288.91
3673049.41       89.67540  (21092807)
        464298.91   3673049.41       87.44755  (21092824)               464308.91
3673049.41       85.74431  (21092824)
        464258.91   3673059.41       91.98484  (21092807)               464268.91
3673059.41       90.64079  (21092807)
        464278.91   3673059.41       88.08426  (21092807)               464288.91
3673059.41       85.68643  (21092824)
        464298.91   3673059.41       84.29837  (21092824)               464258.91
3673069.41       88.83728  (21092807)
        464268.91   3673069.41       86.54638  (21092807)               464278.91
3673069.41       83.93711  (21092824)
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        464378.91   3672939.41      171.49516  (19070501)                464388.91
3672939.41      167.25695  (21101805)
        464338.91   3672949.41      181.28144  (19070501)                464348.91
3672949.41      185.92104  (19070501)
        464358.91   3672949.41      181.64593  (19070501)                464368.91
3672949.41      169.14120  (19070501)
        464378.91   3672949.41      157.27149  (21101805)                464338.91
3672959.41      180.59157  (19070501)
        464348.91   3672959.41      177.39737  (19070501)                464358.91
3672959.41      165.71555  (19070501)
        464368.91   3672959.41      147.46598  (19070501)                464378.91
3672959.41      175.34115  (21101805)
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        464328.91   3672969.41      175.68337  (19070501)               464338.91
3672969.41      173.03591  (19070501)
        464348.91   3672969.41      162.78893  (19070501)               464358.91
3672969.41      145.64820  (19070501)
        464368.91   3672969.41      164.66559  (21101805)               464318.91
3672979.41      171.15775  (19070501)
        464328.91   3672979.41      168.97244  (19070501)               464338.91
3672979.41      159.81591  (19070501)
        464348.91   3672979.41      144.30806  (19070501)               464358.91
3672979.41      154.78603  (21101805)
        464328.91   3672989.41      156.01095  (19070501)               464338.91
3672989.41      141.81640  (19070501)
        464348.91   3672989.41      145.87129  (21101805)               464348.91
3672999.41      157.92348  (21101805)
        464298.91   3673009.41      159.01135  (19070501)               464288.91
3673019.41      155.38425  (19070501)
        464298.91   3673019.41      150.13421  (19070501)               464308.91
3673019.41      139.34002  (19070501)
        464318.91   3673019.41      124.47727  (21091403)               464288.91
3673029.41      146.93057  (19070501)
        464298.91   3673029.41      137.44205  (19070501)               464308.91
3673029.41      131.40412  (21091403)
        464318.91   3673029.41      136.29983  (21101805)               464328.91
3673029.41      150.38595  (21101805)
        464278.91   3673039.41      143.80178  (19070501)               464288.91
3673039.41      135.14379  (19070501)
        464298.91   3673039.41      128.78433  (21091403)               464308.91
3673039.41      131.65339  (21101805)
        464318.91   3673039.41      148.00912  (21101805)               464268.91
3673049.41      141.25262  (19070501)
        464278.91   3673049.41      133.01525  (19070501)               464288.91
3673049.41      125.85386  (21091403)
        464298.91   3673049.41      128.12127  (21091403)               464308.91
3673049.41      142.31042  (21101805)
        464258.91   3673059.41      138.86088  (19070501)               464268.91
3673059.41      131.54017  (19070501)
        464278.91   3673059.41      124.05039  (21091403)               464288.91
3673059.41      126.83713  (21091403)
        464298.91   3673059.41      136.00724  (21101805)               464258.91
3673069.41      129.81174  (19070501)
        464268.91   3673069.41      122.59892  (21091403)               464278.91
3673069.41      125.42699  (21091403)
        464288.91   3673069.41      129.79136  (21101805)               464298.91
3673069.41      144.17141  (21101805)
        464268.91   3673079.41      124.32436  (21091403)               464278.91
3673079.41      123.80941  (21101805)
        464288.91   3673079.41      138.11662  (21101805)               464278.91
3673089.41      131.51792  (21101805)
        464358.91   3672919.41      643.26860  (21112719)               464368.91
3672919.41      628.69658  (21112719)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPRNIDLE ***
INCLUDING SOURCE(S): SPRNIDLE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464378.91	3672919.41	593.80820	(21112719)	464358.91	3672929.41	615.65905	(21112719)
464368.91	3672929.41	583.71887	(21112719)	464378.91	3672929.41	534.46079	(21112719)
464388.91	3672929.41	590.34572	(20010921)	464348.91	3672939.41	601.84845	(21112719)
464358.91	3672939.41	572.70121	(21112719)	464368.91	3672939.41	527.81620	(21112719)
464378.91	3672939.41	564.46357	(20010921)	464388.91	3672939.41	617.13009	(20010921)
464338.91	3672949.41	588.40086	(21112719)	464348.91	3672949.41	561.33018	(21112719)
464358.91	3672949.41	518.78556	(21112719)	464368.91	3672949.41	539.99529	(20010921)
464378.91	3672949.41	595.34724	(20010921)	464338.91	3672959.41	550.11747	(21112719)
464348.91	3672959.41	510.58528	(21112719)	464358.91	3672959.41	517.80341	(20010921)
464368.91	3672959.41	575.23598	(20010921)	464378.91	3672959.41	605.55879	(20070722)
464328.91	3672969.41	539.80369	(21112719)	464338.91	3672969.41	502.09094	(21112719)
464348.91	3672969.41	495.90911	(20010921)	464358.91	3672969.41	555.81072	(20010921)
464368.91	3672969.41	586.14509	(20010921)	464318.91	3672979.41	530.35135	(21112719)
464328.91	3672979.41	494.21525	(21112719)	464338.91	3672979.41	475.03388	(20010921)

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        464348.91   3672979.41      535.67139  (20010921)                464358.91
3672979.41      571.23628  (20010921)
        464328.91   3672989.41      455.87122  (20010921)                464338.91
3672989.41      517.23467  (20010921)
        464348.91   3672989.41      555.39094  (20010921)                464348.91
3672999.41      554.38462  (20010921)
        464298.91   3673009.41      475.89153  (21112719)                464288.91
3673019.41      468.87843  (21112719)
        464298.91   3673019.41      431.77016  (21112719)                464308.91
3673019.41      458.64201  (20010921)
        464318.91   3673019.41      507.58643  (20010921)                464288.91
3673029.41      425.75856  (21112719)
        464298.91   3673029.41      441.67978  (20010921)                464308.91
3673029.41      487.31504  (20010921)
        464318.91   3673029.41      516.42868  (20010921)                464328.91
3673029.41      520.16005  (20070722)
        464278.91   3673039.41      419.76270  (21112719)                464288.91
3673039.41      425.83979  (20010921)
        464298.91   3673039.41      472.04647  (20010921)                464308.91
3673039.41      500.20269  (20010921)
        464318.91   3673039.41      521.54582  (20070722)                464268.91
3673049.41      415.30426  (21112719)
        464278.91   3673049.41      410.31565  (20010921)                464288.91
3673049.41      457.21466  (20010921)
        464298.91   3673049.41      487.69593  (20010921)                464308.91
3673049.41      511.26648  (20070722)
        464258.91   3673059.41      411.25226  (21112719)                464268.91
3673059.41      394.59705  (20010921)
        464278.91   3673059.41      442.07552  (20010921)                464288.91
3673059.41      474.61872  (20010921)
        464298.91   3673059.41      498.47723  (20070722)                464258.91
3673069.41      380.17146  (20070722)
        464268.91   3673069.41      427.13546  (20010921)                464278.91
3673069.41      461.58373  (20010921)
        464288.91   3673069.41      485.22524  (20070722)                464298.91
3673069.41      504.15867  (20070722)
        464268.91   3673079.41      448.40928  (20010921)                464278.91
3673079.41      471.96637  (20070722)
        464288.91   3673079.41      492.15568  (20070722)                464278.91
3673089.41      477.24141  (20070722)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24

                                   PAGE 157
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPRNTRVL ***
```

INCLUDING SOURCE(S): L0003884 , L0003885 , L0003886 , L0003887 , L0003888 , L0003889 , L0003890 , L0003891 , L0003892 , L0003893 , L0003894 , L0003895 , L0003896 , L0003897 , L0003898 , L0003899 , L0003900 , L0003901 , L0003902 , L0003903 , L0003904 , L0003905 , L0003906 , L0003907 , L0003908 , L0003909 , L0003910 , L0003911 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464358.91	3672919.41	227.74911	(20010921)	464368.91	3672919.41	235.27560	(20010921)
464378.91	3672919.41	257.24310	(21020721)	464358.91	3672929.41	231.17304	(20010921)
464368.91	3672929.41	247.61004	(21020721)	464378.91	3672929.41	281.23196	(21020721)
464388.91	3672929.41	316.07849	(21020721)	464348.91	3672939.41	226.96246	(20010921)
464358.91	3672939.41	238.12826	(21020721)	464368.91	3672939.41	271.00500	(21020721)
464378.91	3672939.41	304.86024	(21020721)	464388.91	3672939.41	338.59013	(21020721)
464338.91	3672949.41	222.80625	(20010921)	464348.91	3672949.41	228.90833	(21020721)
464358.91	3672949.41	260.65460	(21020721)	464368.91	3672949.41	293.92482	(21020721)
464378.91	3672949.41	327.14912	(21020721)	464338.91	3672959.41	224.71717	(20010921)
464348.91	3672959.41	250.83524	(21020721)	464358.91	3672959.41	282.88851	(21020721)
464368.91	3672959.41	315.64237	(21020721)	464378.91	3672959.41	347.18172	(21020721)
464328.91	3672969.41	220.90774	(20010921)	464338.91	3672969.41	241.30421	(21020721)
464348.91	3672969.41	272.52172	(21020721)	464358.91	3672969.41	304.22301	(21020721)
464368.91	3672969.41	335.54152	(21020721)	464318.91	3672979.41	217.23200	(20010921)
464328.91	3672979.41	232.25416	(21020721)	464338.91	3672979.41	262.50676	(21020721)
464348.91	3672979.41	293.57448	(21020721)	464358.91			

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3672979.41      324.12979  (21020721)
        464328.91   3672989.41      252.30890  (21020721)                464338.91
3672989.41      282.38431  (21020721)
        464348.91   3672989.41      313.11130  (21020721)                464348.91
3672999.41      330.32482  (21020721)
        464298.91   3673009.41      211.57346  (20010921)                464288.91
3673019.41      208.23196  (20010921)
        464298.91   3673019.41      227.30249  (21020721)                464308.91
3673019.41      255.56304  (21020721)
        464318.91   3673019.41      280.68490  (21020721)                464288.91
3673029.41      218.89268  (21020721)
        464298.91   3673029.41      246.56675  (21020721)                464308.91
3673029.41      274.81112  (21020721)
        464318.91   3673029.41      300.70794  (21020721)                464328.91
3673029.41      323.91628  (21020721)
        464278.91   3673039.41      210.77653  (21020721)                464288.91
3673039.41      237.63952  (21020721)
        464298.91   3673039.41      265.42288  (21020721)                464308.91
3673039.41      293.09713  (21020721)
        464318.91   3673039.41      318.89797  (21020721)                464268.91
3673049.41      203.25270  (21020721)
        464278.91   3673049.41      229.11388  (21020721)                464288.91
3673049.41      256.21861  (21020721)
        464298.91   3673049.41      283.56016  (21020721)                464308.91
3673049.41      310.04405  (21020721)
        464258.91   3673059.41      199.11719  (20010921)                464268.91
3673059.41      221.37532  (21020721)
        464278.91   3673059.41      247.63701  (21020721)                464288.91
3673059.41      274.45713  (21020721)
        464298.91   3673059.41      300.81575  (21020721)                464258.91
3673069.41      213.73511  (21020721)
        464268.91   3673069.41      239.44261  (21020721)                464278.91
3673069.41      265.59347  (21020721)
        464288.91   3673069.41      291.64977  (21020721)                464298.91
3673069.41      316.42481  (21020721)
        464268.91   3673079.41      257.09771  (21020721)                464278.91
3673079.41      282.63418  (21020721)
        464288.91   3673079.41      307.33872  (21020721)                464278.91
3673089.41      297.69778  (21020721)
        464358.91   3672919.41      154.55806  (20070722)                464368.91
3672919.41      163.84317  (20070722)
        464378.91   3672919.41      171.42364  (20070722)                464358.91
3672929.41      160.53165  (20070722)
        464368.91   3672929.41      167.99221  (20070722)                464378.91
3672929.41      173.24585  (20070722)
        464388.91   3672929.41      174.44466  (20070722)                464348.91
3672939.41      157.89649  (20070722)
        464358.91   3672939.41      165.25044  (20070722)                464368.91
3672939.41      170.14458  (20070722)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPRNTRVL ***
                                INCLUDING SOURCE(S):   L0003884   , L0003885
, L0003886   , L0003887   , L0003888   ,
                 L0003889   , L0003890   , L0003891   , L0003892   , L0003893
, L0003894   , L0003895   , L0003896   ,
                 L0003897   , L0003898   , L0003899   , L0003900   , L0003901
, L0003902   , L0003903   , L0003904   ,
                 L0003905   , L0003906   , L0003907   , L0003908   , L0003909
, L0003910   , L0003911   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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        464328.91   3672989.41      166.59242  (20070722)                464338.91
3672989.41      169.23000  (20070722)
        464348.91   3672989.41      167.54634  (20070722)                464348.91
3672999.41      165.57259  (20070722)
        464298.91   3673009.41      153.83257  (20070722)                464288.91
3673019.41      151.65461  (20070722)
        464298.91   3673019.41      156.90408  (20070722)                464308.91
3673019.41      160.46192  (20070722)
        464318.91   3673019.41      168.37501  (20070722)                464288.91
3673029.41      155.61507  (20070722)
        464298.91   3673029.41      159.04121  (20070722)                464308.91
3673029.41      160.41085  (20070722)
        464318.91   3673029.41      163.60494  (20070722)                464328.91
3673029.41      164.17523  (20070722)
        464278.91   3673039.41      154.28706  (20070722)                464288.91
3673039.41      158.25370  (20070722)
        464298.91   3673039.41      159.70375  (20070722)                464308.91
3673039.41      158.80996  (20070722)
        464318.91   3673039.41      157.29742  (20070722)                464268.91
3673049.41      152.06268  (20070722)
        464278.91   3673049.41      157.06481  (20070722)                464288.91
3673049.41      159.13871  (20070722)
        464298.91   3673049.41      158.63431  (20070722)                464308.91
3673049.41      155.59443  (20070722)
        464258.91   3673059.41      149.63200  (20070722)                464268.91
3673059.41      154.52508  (20070722)
        464278.91   3673059.41      157.60037  (20070722)                464288.91
3673059.41      157.78195  (20070722)
        464298.91   3673059.41      155.18398  (20070722)                464258.91
3673069.41      152.41841  (20070722)
        464268.91   3673069.41      155.69025  (20070722)                464278.91
3673069.41      156.84712  (20070722)
        464288.91   3673069.41      155.00148  (20070722)                464298.91
3673069.41      150.48977  (20070722)
        464268.91   3673079.41      155.50985  (20070722)                464278.91
3673079.41      154.81736  (20070722)
        464288.91   3673079.41      151.10031  (20070722)                464278.91
3673089.41      153.09723  (20070722)
        464358.91   3672919.41       45.38052  (21090507)                464368.91
3672919.41       45.00872  (21090507)
        464378.91   3672919.41       44.28152  (21090507)                464358.91
3672929.41       44.68379  (21090507)
        464368.91   3672929.41       44.01436  (21090507)                464378.91
3672929.41       42.99491  (21090507)
        464388.91   3672929.41       41.62695  (21090507)                464348.91
3672939.41       44.36347  (21090507)
        464358.91   3672939.41       43.74829  (21090507)                464368.91
3672939.41       42.79634  (21090507)
        464378.91   3672939.41       41.50963  (21090507)                464388.91
3672939.41       39.90135  (21090507)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPRNTRVL ***
INCLUDING SOURCE(S): L0003884 , L0003885 , L0003886 , L0003887 , L0003888 ,
L0003889 , L0003890 , L0003891 , L0003892 , L0003893 , L0003894 , L0003895 , L0003896 ,
L0003897 , L0003898 , L0003899 , L0003900 , L0003901 , L0003902 , L0003903 , L0003904 ,
L0003905 , L0003906 , L0003907 , L0003908 , L0003909 , L0003910 , L0003911 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464368.91	3672959.41	39.81275	(21090507)	464378.91	3672959.41	38.09174	(21090507)
464328.91	3672969.41	42.95569	(21090507)	464338.91	3672969.41	42.18295	(21090507)
464348.91	3672969.41	41.11598	(21090507)	464358.91	3672969.41	39.75333	(21090507)
464368.91	3672969.41	38.11615	(21090507)	464318.91	3672979.41	42.69301	(21090507)
464328.91	3672979.41	41.97802	(21090507)	464338.91	3672979.41	40.97196	(21090507)
464348.91	3672979.41	39.68204	(21090507)	464358.91	3672979.41	38.12615	(21090507)
464328.91	3672989.41	40.82423	(21090507)	464338.91			

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3672989.41       39.60450  (21090507)
        464348.91   3672989.41       38.12226  (21090507)                464348.91
3672999.41       36.46870  (21090507)
        464298.91   3673009.41       41.34069  (21090507)                464288.91
3673019.41       41.12684  (21090507)
        464298.91   3673019.41       40.34413  (21090507)                464308.91
3673019.41       39.30562  (21090507)
        464318.91   3673019.41       38.04541  (21090507)                464288.91
3673029.41       40.17954  (21090507)
        464298.91   3673029.41       39.20081  (21090507)                464308.91
3673029.41       37.98648  (21090507)
        464318.91   3673029.41       36.56109  (21090507)                464328.91
3673029.41       34.93294  (21090507)
        464278.91   3673039.41       40.01181  (21090507)                464288.91
3673039.41       39.08726  (21090507)
        464298.91   3673039.41       37.93183  (21090507)                464308.91
3673039.41       36.56106  (21090507)
        464318.91   3673039.41       35.00076  (21090507)                464268.91
3673049.41       39.84048  (21090507)
        464278.91   3673049.41       38.96786  (21090507)                464288.91
3673049.41       37.86958  (21090507)
        464298.91   3673049.41       36.55961  (21090507)                464308.91
3673049.41       35.05781  (21090507)
        464258.91   3673059.41       39.66314  (21090507)                464268.91
3673059.41       38.84227  (21090507)
        464278.91   3673059.41       37.79893  (21090507)                464288.91
3673059.41       36.54739  (21090507)
        464298.91   3673059.41       35.10563  (21090507)                464258.91
3673069.41       38.71293  (21090507)
        464268.91   3673069.41       37.72105  (21090507)                464278.91
3673069.41       36.52618  (21090507)
        464288.91   3673069.41       35.14346  (21090507)                464298.91
3673069.41       33.59547  (21090507)
        464268.91   3673079.41       36.49602  (21090507)                464278.91
3673079.41       35.17069  (21090507)
        464288.91   3673079.41       33.67564  (21090507)                464278.91
3673089.41       33.75681  (21090507)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     AMTKIDLE    , SPRNIDLE
, COASIDLE    , L0003884    , L0003885    ,
                L0003886    , L0003887    , L0003888    , L0003889    , L0003890
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, L0003891    , L0003892    , L0003893    ,
                L0003894    , L0003895    , L0003896    , L0003897    , L0003898
, L0003899    , L0003900    , L0003901    ,
                L0003902    , L0003903    , L0003904    , L0003905    , L0003906
, L0003907    , L0003908    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        464358.91   3672919.41     1534.56474  (21020721)               464368.91
3672919.41     1757.55178  (21020721)
        464378.91   3672919.41     2007.81929  (21020721)               464358.91
3672929.41     1693.07389  (21020721)
        464368.91   3672929.41     1934.29061  (21020721)               464378.91
3672929.41     2205.82184  (21020721)
        464388.91   3672929.41     2520.24060  (21020721)               464348.91
3672939.41     1630.24585  (21020721)
        464358.91   3672939.41     1862.35297  (21020721)               464368.91
3672939.41     2124.96511  (21020721)
        464378.91   3672939.41     2422.87926  (21020721)               464388.91
3672939.41     2781.26432  (21020721)
        464338.91   3672949.41     1569.97271  (21020721)               464348.91
3672949.41     1792.80895  (21020721)
        464358.91   3672949.41     2043.23727  (21020721)               464368.91
3672949.41     2329.71555  (21020721)
        464378.91   3672949.41     2666.77644  (21020721)               464338.91
3672959.41     1726.25579  (21020721)
        464348.91   3672959.41     1966.23714  (21020721)               464358.91
3672959.41     2236.21230  (21020721)
        464368.91   3672959.41     2553.25763  (21020721)               464378.91
3672959.41     2944.82615  (21020721)
        464328.91   3672969.41     1663.18758  (21020721)               464338.91
3672969.41     1892.63321  (21020721)
        464348.91   3672969.41     2151.00724  (21020721)               464358.91
3672969.41     2444.66967  (21020721)
        464368.91   3672969.41     2804.79307  (21020721)               464318.91
3672979.41     1603.37722  (21020721)
        464328.91   3672979.41     1823.22457  (21020721)               464338.91
3672979.41     2069.47837  (21020721)
        464348.91   3672979.41     2349.63314  (21020721)               464358.91
3672979.41     2676.71975  (21020721)
        464328.91   3672989.41     1987.82389  (21020721)               464338.91
3672989.41     2250.80148  (21020721)
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        464348.91   3672989.41     2563.70191  (21020721)                464348.91
3672999.41     2799.94925  (21020721)
        464298.91   3673009.41     1638.18241  (21020721)                464288.91
3673019.41     1579.63619  (21020721)
        464298.91   3673019.41     1793.02001  (21020721)                464308.91
3673019.41     2030.18610  (21020721)
        464318.91   3673019.41     2258.84539  (21020721)                464288.91
3673029.41     1727.29423  (21020721)
        464298.91   3673029.41     1956.65487  (21020721)                464308.91
3673029.41     2213.63981  (21020721)
        464318.91   3673029.41     2480.53513  (21020721)                464328.91
3673029.41     2790.29079  (21020721)
        464278.91   3673039.41     1664.81132  (21020721)                464288.91
3673039.41     1883.73870  (21020721)
        464298.91   3673039.41     2131.06979  (21020721)                464308.91
3673039.41     2413.79234  (21020721)
        464318.91   3673039.41     2735.58974  (21020721)                464268.91
3673049.41     1607.16875  (21020721)
        464278.91   3673049.41     1815.75010  (21020721)                464288.91
3673049.41     2051.77231  (21020721)
        464298.91   3673049.41     2320.20490  (21020721)                464308.91
3673049.41     2637.41162  (21020721)
        464258.91   3673059.41     1552.24825  (21020721)                464268.91
3673059.41     1754.80368  (21020721)
        464278.91   3673059.41     1980.01544  (21020721)                464288.91
3673059.41     2235.72128  (21020721)
        464298.91   3673059.41     2535.47053  (21020721)                464258.91
3673069.41     1694.91464  (21020721)
        464268.91   3673069.41     1912.53863  (21020721)                464278.91
3673069.41     2155.57878  (21020721)
        464288.91   3673069.41     2438.23292  (21020721)                464298.91
3673069.41     2781.59050  (21020721)
        464268.91   3673079.41     2080.80095  (21020721)                464278.91
3673079.41     2345.68611  (21020721)
        464288.91   3673079.41     2663.21647  (21020721)                464278.91
3673089.41     2543.32226  (21020721)
        464358.91   3672919.41     1375.37901  (19070501)                464368.91
3672919.41     1578.63742  (19070501)
        464378.91   3672919.41     1677.53550  (19070501)                464358.91
3672929.41     1531.95681  (19070501)
        464368.91   3672929.41     1631.30493  (19070501)                464378.91
3672929.41     1594.25582  (19070501)
        464388.91   3672929.41     1654.74032  (21101805)                464348.91
3672939.41     1483.58449  (19070501)
        464358.91   3672939.41     1582.00340  (19070501)                464368.91
3672939.41     1563.03504  (19070501)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***        04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***        16:29:24
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AMTKIDLE , SPRNIDLE , COASIDLE , L0003884 , L0003885 ,
L0003886 , L0003887 , L0003888 , L0003889 , L0003890 , L0003891 , L0003892 , L0003893 ,
L0003894 , L0003895 , L0003896 , L0003897 , L0003898 , L0003899 , L0003900 , L0003901 ,
L0003902 , L0003903 , L0003904 , L0003905 , L0003906 , L0003907 , L0003908 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
464378.91	3672939.41	1551.92824	(21101805)	464388.91	3672939.41	1883.38929	(21101805)
464338.91	3672949.41	1437.24539	(19070501)	464348.91	3672949.41	1532.43184	(19070501)
464358.91	3672949.41	1521.62520	(19070501)	464368.91	3672949.41	1456.51115	(21101805)
464378.91	3672949.41	1776.51534	(21101805)	464338.91	3672959.41	1484.66798	(19070501)
464348.91	3672959.41	1483.37352	(19070501)	464358.91	3672959.41	1375.28747	(19070501)
464368.91	3672959.41	1669.68773	(21101805)	464378.91	3672959.41	1921.44356	(21101805)
464328.91	3672969.41	1440.90362	(19070501)	464338.91	3672969.41	1444.40323	(19070501)
464348.91	3672969.41	1353.92992	(19070501)	464358.91	3672969.41	1568.50952	(21101805)
464368.91	3672969.41	1818.54426	(21101805)	464318.91	3672979.41	1400.66458	(19070501)
464328.91	3672979.41	1407.91280	(19070501)	464338.91	3672979.41	1331.08362	(19070501)
464348.91	3672979.41	1480.02163	(21101805)	464358.91	3672979.41	1721.05832	(21101805)
464328.91	3672989.41	1301.65111	(19070501)	464338.91	3672989.41	1391.95350	(21101805)
464348.91	3672989.41	1631.36245	(21101805)	464348.91			

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3672999.41     1725.36807  (21101805)
        464298.91   3673009.41     1316.05590  (19070501)                464288.91
3673019.41     1283.89793  (19070501)
        464298.91   3673019.41     1248.30748  (19070501)                464308.91
3673019.41     1233.84861  (21093020)
        464318.91   3673019.41     1387.75572  (21101805)                464288.91
3673029.41     1221.56703  (19070501)
        464298.91   3673029.41     1217.13474  (21093020)                464308.91
3673029.41     1341.10315  (21101805)
        464318.91   3673029.41     1512.48375  (21101805)                464328.91
3673029.41     1635.12723  (21101805)
        464278.91   3673039.41     1195.35369  (19070501)                464288.91
3673039.41     1197.42724  (21093020)
        464298.91   3673039.41     1274.13438  (21101805)                464308.91
3673039.41     1459.98261  (21101805)
        464318.91   3673039.41     1599.89307  (21101805)                464268.91
3673049.41     1172.96581  (19070501)
        464278.91   3673049.41     1179.77344  (21093020)                464288.91
3673049.41     1247.51272  (20081403)
        464298.91   3673049.41     1392.66247  (21101805)                464308.91
3673049.41     1543.42282  (21101805)
        464258.91   3673059.41     1151.64453  (19070501)                464268.91
3673059.41     1167.67883  (21093020)
        464278.91   3673059.41     1224.45126  (20081403)                464288.91
3673059.41     1330.37611  (21101805)
        464298.91   3673059.41     1482.91241  (21101805)                464258.91
3673069.41     1153.70810  (21093020)
        464268.91   3673069.41     1201.85017  (20081403)                464278.91
3673069.41     1275.59647  (20081403)
        464288.91   3673069.41     1422.96208  (21101805)                464298.91
3673069.41     1564.66101  (20011120)
        464268.91   3673079.41     1254.87449  (20081403)                464278.91
3673079.41     1364.70909  (21101805)
        464288.91   3673079.41     1495.06005  (20011120)                464278.91
3673089.41     1425.82571  (21101805)
        464358.91   3672919.41     4430.59180  (21091921)                464368.91
3672919.41     4345.36185  (21112719)
        464378.91   3672919.41     4222.08711  (21112719)                464358.91
3672929.41     4200.46658  (21112719)
        464368.91   3672929.41     4094.28020  (21112719)                464378.91
3672929.41     3759.02364  (21112719)
        464388.91   3672929.41     4247.40525  (20010921)                464348.91
3672939.41     4057.84804  (21112719)
        464358.91   3672939.41     3966.91174  (21112719)                464368.91
3672939.41     3672.89083  (21112719)
        464378.91   3672939.41     4010.27602  (20010921)                464388.91
3672939.41     4284.60077  (20010921)
        464338.91   3672949.41     3924.10697  (21112719)                464348.91
3672949.41     3843.27240  (21112719)
        464358.91   3672949.41     3574.01392  (21112719)                464368.91
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3672949.41   3788.68656 (20010921)
        464378.91   3672949.41   4121.66461 (20010921)   464338.91
3672959.41   3726.09737 (21112719)
        464348.91   3672959.41   3484.02297 (21112719)   464358.91
3672959.41   3590.27798 (20010921)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   AMTKIDLE   , SPRNIDLE , COASIDLE   , L0003884   , L0003885   ,
                 L0003886   , L0003887   , L0003888   , L0003889   , L0003890 , L0003891   , L0003892   , L0003893   ,
                 L0003894   , L0003895   , L0003896   , L0003897   , L0003898 , L0003899   , L0003900   , L0003901   ,
                 L0003902   , L0003903   , L0003904   , L0003905   , L0003906 , L0003907   , L0003908   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        464368.91   3672959.41   3966.34712 (20010921)   464378.91
3672959.41   4073.60908 (20070722)
        464328.91   3672969.41   3619.60078 (21112719)   464338.91
3672969.41   3395.17541 (21112719)
        464348.91   3672969.41   3398.20416 (20010921)   464358.91
3672969.41   3813.19146 (20010921)
        464368.91   3672969.41   3917.01508 (20070722)   464318.91
3672979.41   3522.86821 (21112719)
        464328.91   3672979.41   3313.24309 (21112719)   464338.91
3672979.41   3218.43167 (20010921)
        464348.91   3672979.41   3652.08214 (20010921)   464358.91
3672979.41   3769.02726 (20010921)
        464328.91   3672989.41   3056.90607 (20010921)   464338.91
3672989.41   3505.02785 (20010921)
        464348.91   3672989.41   3670.32690 (20010921)   464348.91
3672999.41   3586.73358 (20070722)

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        464298.91   3673009.41     3116.10191  (21112719)                464288.91
3673019.41     3048.78634  (21112719)
        464298.91   3673019.41     2804.15680  (21112719)                464308.91
3673019.41     3035.50806  (20010921)
        464318.91   3673019.41     3344.74687  (20010921)                464288.91
3673029.41     2750.18958  (21112719)
        464298.91   3673029.41     2902.28092  (20010921)                464308.91
3673029.41     3191.41098  (20010921)
        464318.91   3673029.41     3288.59454  (20010921)                464328.91
3673029.41     3287.06704  (20070722)
        464278.91   3673039.41     2697.32084  (21112719)                464288.91
3673039.41     2779.45264  (20010921)
        464298.91   3673039.41     3080.59211  (20010921)                464308.91
3673039.41     3226.99972  (20070722)
        464318.91   3673039.41     3291.66937  (20070722)                464268.91
3673049.41     2654.84450  (21112719)
        464278.91   3673049.41     2660.28188  (20010921)                464288.91
3673049.41     2972.61371  (20010921)
        464298.91   3673049.41     3119.86611  (20070722)                464308.91
3673049.41     3228.00552  (20070722)
        464258.91   3673059.41     2615.70887  (21112719)                464268.91
3673059.41     2540.13234  (20010921)
        464278.91   3673059.41     2861.50629  (20010921)                464288.91
3673059.41     3026.00134  (20010921)
        464298.91   3673059.41     3148.25918  (20070722)                464258.91
3673069.41     2430.43621  (20070722)
        464268.91   3673069.41     2751.73447  (20010921)                464278.91
3673069.41     2940.59116  (20010921)
        464288.91   3673069.41     3064.32086  (20070722)                464298.91
3673069.41     3102.88661  (20070722)
        464268.91   3673079.41     2852.30353  (20010921)                464278.91
3673079.41     2979.56086  (20070722)
        464288.91   3673079.41     3037.55237  (20070722)                464278.91
3673089.41     2954.71514  (20070722)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***       16:29:24

                                  PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                       *** THE SUMMARY OF MAXIMUM PERIOD ( 26304
HRS) RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
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                        NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

AMTKIDLE  1ST HIGHEST VALUE IS      6.28459 AT (  464388.91,  3672929.41,    13.90,
   13.90,   20.00)  DC
         2ND HIGHEST VALUE IS      6.21386 AT (  464388.91,  3672939.41,    14.08,
   14.08,   20.00)  DC
         3RD HIGHEST VALUE IS      6.08152 AT (  464378.91,  3672919.41,    13.64,
   13.64,   20.00)  DC
         4TH HIGHEST VALUE IS      5.99218 AT (  464378.91,  3672929.41,    13.75,
   13.75,   20.00)  DC
         5TH HIGHEST VALUE IS      5.91669 AT (  464378.91,  3672939.41,    13.91,
   13.91,   20.00)  DC
         6TH HIGHEST VALUE IS      5.85074 AT (  464378.91,  3672949.41,    14.07,
   14.07,   20.00)  DC
         7TH HIGHEST VALUE IS      5.83929 AT (  464368.91,  3672919.41,    13.60,
   13.60,   20.00)  DC
         8TH HIGHEST VALUE IS      5.78932 AT (  464378.91,  3672959.41,    14.16,
   14.16,   20.00)  DC
         9TH HIGHEST VALUE IS      5.74364 AT (  464368.91,  3672929.41,    13.69,
   13.69,   20.00)  DC
        10TH HIGHEST VALUE IS      5.66001 AT (  464368.91,  3672939.41,    13.80,
   13.80,   20.00)  DC

AMTKTRVL  1ST HIGHEST VALUE IS     23.92305 AT (  464378.91,  3672959.41,    14.16,
   14.16,    0.00)  DC
         2ND HIGHEST VALUE IS     22.97206 AT (  464368.91,  3672969.41,    14.01,
   14.01,    0.00)  DC
         3RD HIGHEST VALUE IS     22.91778 AT (  464298.91,  3673069.41,    14.11,
   14.11,    0.00)  DC
         4TH HIGHEST VALUE IS     22.76989 AT (  464348.91,  3672999.41,    13.69,
   13.69,    0.00)  DC
         5TH HIGHEST VALUE IS     22.62718 AT (  464388.91,  3672939.41,    14.08,
   14.08,    0.00)  DC
         6TH HIGHEST VALUE IS     22.51683 AT (  464318.91,  3673039.41,    13.92,
   13.92,    0.00)  DC
         7TH HIGHEST VALUE IS     22.47090 AT (  464328.91,  3673029.41,    13.37,
   13.37,    0.00)  DC
         8TH HIGHEST VALUE IS     22.25619 AT (  464288.91,  3673079.41,    14.03,
   14.03,    0.00)  DC
         9TH HIGHEST VALUE IS     22.13436 AT (  464358.91,  3672979.41,    13.87,
   13.87,    0.00)  DC
        10TH HIGHEST VALUE IS     22.08033 AT (  464378.91,  3672949.41,    14.07,
   14.07,    0.00)  DC

BNSFTRVL  1ST HIGHEST VALUE IS     23.92305 AT (  464378.91,  3672959.41,    14.16,
   14.16,    0.00)  DC
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          2ND HIGHEST VALUE IS      22.97206 AT (  464368.91,  3672969.41,    14.01,
   14.01,    0.00)  DC
          3RD HIGHEST VALUE IS      22.91778 AT (  464298.91,  3673069.41,    14.11,
   14.11,    0.00)  DC
          4TH HIGHEST VALUE IS      22.76989 AT (  464348.91,  3672999.41,    13.69,
   13.69,    0.00)  DC
          5TH HIGHEST VALUE IS      22.62718 AT (  464388.91,  3672939.41,    14.08,
   14.08,    0.00)  DC
          6TH HIGHEST VALUE IS      22.51683 AT (  464318.91,  3673039.41,    13.92,
   13.92,    0.00)  DC
          7TH HIGHEST VALUE IS      22.47090 AT (  464328.91,  3673029.41,    13.37,
   13.37,    0.00)  DC
          8TH HIGHEST VALUE IS      22.25619 AT (  464288.91,  3673079.41,    14.03,
   14.03,    0.00)  DC
          9TH HIGHEST VALUE IS      22.13436 AT (  464358.91,  3672979.41,    13.87,
   13.87,    0.00)  DC
         10TH HIGHEST VALUE IS      22.08033 AT (  464378.91,  3672949.41,    14.07,
   14.07,    0.00)  DC

COASIDLE  1ST HIGHEST VALUE IS       6.28977 AT (  464388.91,  3672929.41,    13.90,
   13.90,   20.00)  DC
          2ND HIGHEST VALUE IS       6.21865 AT (  464388.91,  3672939.41,    14.08,
   14.08,   20.00)  DC
          3RD HIGHEST VALUE IS       6.08725 AT (  464378.91,  3672919.41,    13.64,
   13.64,   20.00)  DC
          4TH HIGHEST VALUE IS       5.99740 AT (  464378.91,  3672929.41,    13.75,
   13.75,   20.00)  DC
          5TH HIGHEST VALUE IS       5.92142 AT (  464378.91,  3672939.41,    13.91,
   13.91,   20.00)  DC
          6TH HIGHEST VALUE IS       5.85511 AT (  464378.91,  3672949.41,    14.07,
   14.07,   20.00)  DC
          7TH HIGHEST VALUE IS       5.84487 AT (  464368.91,  3672919.41,    13.60,
   13.60,   20.00)  DC
          8TH HIGHEST VALUE IS       5.79344 AT (  464378.91,  3672959.41,    14.16,
   14.16,   20.00)  DC
          9TH HIGHEST VALUE IS       5.74887 AT (  464368.91,  3672929.41,    13.69,
   13.69,   20.00)  DC
         10TH HIGHEST VALUE IS       5.66478 AT (  464368.91,  3672939.41,    13.80,
   13.80,   20.00)  DC
* *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Oceanside Block 5&20
Const\Oceanside Block 5&20 ***       04/24/24
 *** AERMET - VERSION  22112 ***   *** Oceanside Blocks 5 & 20 Operations
                       ***       16:29:24

                                PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  SigA Data

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 26304
HRS) RESULTS ***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
COASTRVL	1ST HIGHEST VALUE IS	5.99494 AT	(464388.91, 3672929.41, 13.90, 13.90, 0.00)	DC	
	2ND HIGHEST VALUE IS	5.93632 AT	(464388.91, 3672939.41, 14.08, 14.08, 0.00)	DC	
	3RD HIGHEST VALUE IS	5.93523 AT	(464378.91, 3672919.41, 13.64, 13.64, 0.00)	DC	
	4TH HIGHEST VALUE IS	5.87165 AT	(464378.91, 3672929.41, 13.75, 13.75, 0.00)	DC	
	5TH HIGHEST VALUE IS	5.83184 AT	(464368.91, 3672919.41, 13.60, 13.60, 0.00)	DC	
	6TH HIGHEST VALUE IS	5.81895 AT	(464378.91, 3672939.41, 13.91, 13.91, 0.00)	DC	
	7TH HIGHEST VALUE IS	5.76948 AT	(464368.91, 3672929.41, 13.69, 13.69, 0.00)	DC	
	8TH HIGHEST VALUE IS	5.76084 AT	(464378.91, 3672949.41, 14.07, 14.07, 0.00)	DC	
	9TH HIGHEST VALUE IS	5.73284 AT	(464358.91, 3672919.41, 13.56, 13.56, 0.00)	DC	
	10TH HIGHEST VALUE IS	5.70909 AT	(464368.91, 3672939.41, 13.80, 13.80, 0.00)	DC	
INLDIDLE	1ST HIGHEST VALUE IS	6.28977 AT	(464388.91, 3672929.41, 13.90, 13.90, 20.00)	DC	
	2ND HIGHEST VALUE IS	6.21865 AT	(464388.91, 3672939.41, 14.08, 14.08, 20.00)	DC	
	3RD HIGHEST VALUE IS	6.08725 AT	(464378.91, 3672919.41, 13.64, 13.64, 20.00)	DC	
	4TH HIGHEST VALUE IS	5.99740 AT	(464378.91, 3672929.41, 13.75, 13.75, 20.00)	DC	
	5TH HIGHEST VALUE IS	5.92142 AT	(464378.91, 3672939.41, 13.91, 13.91, 20.00)	DC	
	6TH HIGHEST VALUE IS	5.85511 AT	(464378.91, 3672949.41, 14.07, 14.07, 20.00)	DC	
	7TH HIGHEST VALUE IS	5.84487 AT	(464368.91, 3672919.41, 13.60, 13.60, 20.00)	DC	
	8TH HIGHEST VALUE IS	5.79344 AT	(464378.91, 3672959.41, 14.16, 14.16, 20.00)	DC	
	9TH HIGHEST VALUE IS	5.74887 AT	(464368.91, 3672929.41, 13.69, 13.69, 20.00)	DC	

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          10TH HIGHEST VALUE IS       5.66478 AT (  464368.91,  3672939.41,    13.80,
   13.80,   20.00)  DC

INLDTRVL  1ST HIGHEST VALUE IS      23.92305 AT (  464378.91,  3672959.41,    14.16,
   14.16,    0.00)  DC
          2ND HIGHEST VALUE IS      22.97206 AT (  464368.91,  3672969.41,    14.01,
   14.01,    0.00)  DC
          3RD HIGHEST VALUE IS      22.91778 AT (  464298.91,  3673069.41,    14.11,
   14.11,    0.00)  DC
          4TH HIGHEST VALUE IS      22.76989 AT (  464348.91,  3672999.41,    13.69,
   13.69,    0.00)  DC
          5TH HIGHEST VALUE IS      22.62718 AT (  464388.91,  3672939.41,    14.08,
   14.08,    0.00)  DC
          6TH HIGHEST VALUE IS      22.51683 AT (  464318.91,  3673039.41,    13.92,
   13.92,    0.00)  DC
          7TH HIGHEST VALUE IS      22.47090 AT (  464328.91,  3673029.41,    13.37,
   13.37,    0.00)  DC
          8TH HIGHEST VALUE IS      22.25619 AT (  464288.91,  3673079.41,    14.03,
   14.03,    0.00)  DC
          9TH HIGHEST VALUE IS      22.13436 AT (  464358.91,  3672979.41,    13.87,
   13.87,    0.00)  DC
         10TH HIGHEST VALUE IS      22.08033 AT (  464378.91,  3672949.41,    14.07,
   14.07,    0.00)  DC

OCIDLE    1ST HIGHEST VALUE IS       6.28977 AT (  464388.91,  3672929.41,    13.90,
   13.90,   20.00)  DC
          2ND HIGHEST VALUE IS       6.21865 AT (  464388.91,  3672939.41,    14.08,
   14.08,   20.00)  DC
          3RD HIGHEST VALUE IS       6.08725 AT (  464378.91,  3672919.41,    13.64,
   13.64,   20.00)  DC
          4TH HIGHEST VALUE IS       5.99740 AT (  464378.91,  3672929.41,    13.75,
   13.75,   20.00)  DC
          5TH HIGHEST VALUE IS       5.92142 AT (  464378.91,  3672939.41,    13.91,
   13.91,   20.00)  DC
          6TH HIGHEST VALUE IS       5.85511 AT (  464378.91,  3672949.41,    14.07,
   14.07,   20.00)  DC
          7TH HIGHEST VALUE IS       5.84487 AT (  464368.91,  3672919.41,    13.60,
   13.60,   20.00)  DC
          8TH HIGHEST VALUE IS       5.79344 AT (  464378.91,  3672959.41,    14.16,
   14.16,   20.00)  DC
          9TH HIGHEST VALUE IS       5.74887 AT (  464368.91,  3672929.41,    13.69,
   13.69,   20.00)  DC
         10TH HIGHEST VALUE IS       5.66478 AT (  464368.91,  3672939.41,    13.80,
   13.80,   20.00)  DC
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE SUMMARY OF MAXIMUM PERIOD (26304 HRS) RESULTS ***

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

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
OCTRVL	1ST HIGHEST VALUE IS	23.92305 AT (464378.91, 3672959.41, 14.16, 14.16, 0.00)	DC	
	2ND HIGHEST VALUE IS	22.97206 AT (464368.91, 3672969.41, 14.01, 14.01, 0.00)	DC	
	3RD HIGHEST VALUE IS	22.91778 AT (464298.91, 3673069.41, 14.11, 14.11, 0.00)	DC	
	4TH HIGHEST VALUE IS	22.76989 AT (464348.91, 3672999.41, 13.69, 13.69, 0.00)	DC	
	5TH HIGHEST VALUE IS	22.62718 AT (464388.91, 3672939.41, 14.08, 14.08, 0.00)	DC	
	6TH HIGHEST VALUE IS	22.51683 AT (464318.91, 3673039.41, 13.92, 13.92, 0.00)	DC	
	7TH HIGHEST VALUE IS	22.47090 AT (464328.91, 3673029.41, 13.37, 13.37, 0.00)	DC	
	8TH HIGHEST VALUE IS	22.25619 AT (464288.91, 3673079.41, 14.03, 14.03, 0.00)	DC	
	9TH HIGHEST VALUE IS	22.13436 AT (464358.91, 3672979.41, 13.87, 13.87, 0.00)	DC	
	10TH HIGHEST VALUE IS	22.08033 AT (464378.91, 3672949.41, 14.07, 14.07, 0.00)	DC	
SPRNIDLE	1ST HIGHEST VALUE IS	3.72237 AT (464388.91, 3672929.41, 13.90, 13.90, 20.00)	DC	
	2ND HIGHEST VALUE IS	3.69948 AT (464388.91, 3672939.41, 14.08, 14.08, 20.00)	DC	
	3RD HIGHEST VALUE IS	3.64138 AT (464378.91, 3672919.41, 13.64, 13.64, 20.00)	DC	
	4TH HIGHEST VALUE IS	3.60812 AT (464378.91, 3672929.41, 13.75, 13.75, 20.00)	DC	
	5TH HIGHEST VALUE IS	3.58234 AT (464378.91, 3672939.41, 13.91, 13.91, 20.00)	DC	
	6TH HIGHEST VALUE IS	3.56024 AT (464378.91, 3672949.41, 14.07, 14.07, 20.00)	DC	
	7TH HIGHEST VALUE IS	3.54740 AT (464368.91, 3672919.41, 13.60,		

```
   13.60,   20.00)  DC
          8TH HIGHEST VALUE IS       3.53840 AT (  464378.91,  3672959.41,    14.16,
   14.16,   20.00)  DC
          9TH HIGHEST VALUE IS       3.50966 AT (  464368.91,  3672929.41,    13.69,
   13.69,   20.00)  DC
         10TH HIGHEST VALUE IS       3.47809 AT (  464368.91,  3672939.41,    13.80,
   13.80,   20.00)  DC

SPRNTRVL  1ST HIGHEST VALUE IS       3.82556 AT (  464388.91,  3672929.41,    13.90,
   13.90,    0.00)  DC
          2ND HIGHEST VALUE IS       3.81563 AT (  464378.91,  3672919.41,    13.64,
   13.64,    0.00)  DC
          3RD HIGHEST VALUE IS       3.79199 AT (  464388.91,  3672939.41,    14.08,
   14.08,    0.00)  DC
          4TH HIGHEST VALUE IS       3.78092 AT (  464378.91,  3672929.41,    13.75,
   13.75,    0.00)  DC
          5TH HIGHEST VALUE IS       3.77172 AT (  464368.91,  3672919.41,    13.60,
   13.60,    0.00)  DC
          6TH HIGHEST VALUE IS       3.74696 AT (  464378.91,  3672939.41,    13.91,
   13.91,    0.00)  DC
          7TH HIGHEST VALUE IS       3.73702 AT (  464368.91,  3672929.41,    13.69,
   13.69,    0.00)  DC
          8TH HIGHEST VALUE IS       3.72913 AT (  464358.91,  3672919.41,    13.56,
   13.56,    0.00)  DC
          9TH HIGHEST VALUE IS       3.71427 AT (  464378.91,  3672949.41,    14.07,
   14.07,    0.00)  DC
         10TH HIGHEST VALUE IS       3.70320 AT (  464368.91,  3672939.41,    13.80,
   13.80,    0.00)  DC

ALL       1ST HIGHEST VALUE IS     109.27917 AT (  464378.91,  3672959.41,    14.16,
   14.16,    0.00)  DC
          2ND HIGHEST VALUE IS     104.85184 AT (  464368.91,  3672969.41,    14.01,
   14.01,    0.00)  DC
          3RD HIGHEST VALUE IS     104.75778 AT (  464388.91,  3672939.41,    14.08,
   14.08,    0.00)  DC
          4TH HIGHEST VALUE IS     102.94833 AT (  464348.91,  3672999.41,    13.69,
   13.69,    0.00)  DC
          5TH HIGHEST VALUE IS     101.91034 AT (  464378.91,  3672949.41,    14.07,
   14.07,    0.00)  DC
          6TH HIGHEST VALUE IS     101.72002 AT (  464298.91,  3673069.41,    14.11,
   14.11,    0.00)  DC
          7TH HIGHEST VALUE IS     100.95009 AT (  464358.91,  3672979.41,    13.87,
   13.87,    0.00)  DC
          8TH HIGHEST VALUE IS     100.84559 AT (  464328.91,  3673029.41,    13.37,
   13.37,    0.00)  DC
          9TH HIGHEST VALUE IS     100.77275 AT (  464318.91,  3673039.41,    13.92,
   13.92,    0.00)  DC
         10TH HIGHEST VALUE IS      98.87827 AT (  464368.91,  3672959.41,    13.97,
   13.97,    0.00)  DC
```

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID	AVERAGE	CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
AMTKIDLE HIGH	1ST HIGH VALUE IS	957.59902	ON 21091921:	AT (464358.91, 3672919.41, 13.56, 13.56, 20.00)	DC	
AMTKTRVL HIGH	1ST HIGH VALUE IS	466.62756	ON 21020721:	AT (464378.91, 3672959.41, 14.16, 14.16, 0.00)	DC	
BNSFTRVL HIGH	1ST HIGH VALUE IS	466.62756	ON 21020721:	AT (464378.91, 3672959.41, 14.16, 14.16, 0.00)	DC	
COASIDLE HIGH	1ST HIGH VALUE IS	959.54701	ON 21091921:	AT (464358.91, 3672919.41, 13.56, 13.56, 20.00)	DC	
COASTRVL HIGH	1ST HIGH VALUE IS	730.54043	ON 21020721:	AT (464378.91, 3672959.41, 14.16, 14.16, 0.00)	DC	
INLDIDLE HIGH	1ST HIGH VALUE IS	959.54701	ON 21091921:	AT (464358.91, 3672919.41, 13.56, 13.56, 20.00)	DC	
INLDTRVL HIGH	1ST HIGH VALUE IS	466.62756	ON 21020721:	AT (464378.91, 3672959.41, 14.16, 14.16, 0.00)	DC	
OCIDLE HIGH	1ST HIGH VALUE IS	959.54701	ON 21091921:	AT (464358.91, 3672919.41, 13.56, 13.56, 20.00)	DC	

OCTRVL   HIGH   1ST HIGH VALUE IS   466.62756 ON 21020721: AT (464378.91,
3672959.41,   14.16,   14.16,   0.00) DC

SPRNIDLE HIGH   1ST HIGH VALUE IS   643.26860 ON 21112719: AT (464358.91,
3672919.41,   13.56,   13.56,   20.00) DC

SPRNTRVL HIGH   1ST HIGH VALUE IS   347.18172 ON 21020721: AT (464378.91,
3672959.41,   14.16,   14.16,   0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   4430.59180 ON 21091921: AT (464358.91,
3672919.41,   13.56,   13.56,   20.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

 *** 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   456 Informational Message(s)

 A Total of   26304 Hours Were Processed

 A Total of   64 Calm Hours Identified

 A Total of   392 Missing Hours Identified (1.49 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 MX W403   5112   PFLCNV: Turbulence data is being used w/o ADJ_U* option
SigA Data

    ****

*** AERMOD Finishes Successfully ***
****

Appendix C

Climate Action Plan Consistency Checklist

Climate Action Plan (CAP) Consistent Checklist

For New Development Subject to Environmental Review
per the California Environmental Quality Act (CEQA)

With the adoption of the **Climate Action Plan (CAP)** on May 8, 2019, the City of Oceanside committed to measures designed to reduce local greenhouse gas (GHG) emissions in a manner consistent with state emissions reduction goals. In addition to City initiatives and voluntary community efforts, these measures include **requirements for certain types of new development**. These requirements promote local renewable energy generation, electric vehicle charging infrastructure, urban forestry, reduction in single-occupancy vehicle trips, recycled water use, and other efforts that reduce the City's carbon footprint while enhancing its energy and water independence.

The **CAP Consistency Checklist (Checklist)** consolidates these requirements within a single document, allowing for streamlined compliance review.

The **California Environmental Quality Act (CEQA)** requires that the potential GHG emissions impacts of new development be analyzed, and that significant emissions impacts be mitigated to the extent feasible. Under CEQA, local jurisdictions can establish their own significance thresholds for GHG emissions impacts.

The City of Oceanside has set a significance threshold that aligns with the City's emissions reduction targets as outlined in the CAP (3.5MT CO_2^e per service population). This threshold is discussed in a policy directive that can be furnished upon request. While applicants can choose to conduct project-specific GHG emissions analysis to demonstrate compliance with the City's significance threshold, conforming to the requirements consolidated in the Checklist may be a more expeditious way to address CEQA requirements.

Applicants who choose to utilize the Checklist should factor the associated requirements into the project design process and submit the Checklist concurrently with the initial entitlement application.

Version 2.0 (9/30/2021)

CITY OF OCEANSIDE CLIMATE ACTION PLAN (CAP) CONSISTENCY CHECKLIST

Project Information

Contact Information

Project Number: Development Plan RD23-00006 Project Name: Blocks 5 and 20 Mixed-Use Project

Property Address/APN: 147-370-07-00

Applicant: Ryan Companies U.S., Inc

Address: 4275 Executive Square, Suite 370, La Jolla, CA 92037

Phone Number: 858-812-7993 Email: daniel.bertao@ryanccompanies.com

Is the Checklist being prepared by a professional consultant? ☒ Yes ☐ No

Consultant Firm: Dudek Point of Contact: Matthew Morales

Phone Number: 916-584-7816 Email: mmorales@dudek.com

Project Description

Project Site Area (Acres): 3.52 gross, 2.07 net Status: ☐ Vacant ☒ Developed

If the site is developed, describe nature of existing development: Parking lots

Located within a Smart Growth Opportunity Area? ☒ Yes ☐ No

Located within ¼ mile of a priority corridor? ☒ Yes ☐ No

Consistent with current land use and zoning designations? ☒ Yes ☐ No

Proposed land use(s): ☒ Residential ☒ Commercial ☐ Industrial ☐ Institutional

Residential density: Block 5 = 183.8 du/ac, Block 20 = 176.5 du/ac, N/A for mixed- use projects Percentage of maximum allowable density: N/A

Commercial FAR: Block 5 = 4.26 FAR, Block 20 = 4.05 FAR Percentage above minimum commercial FAR: N/A

Industrial FAR: _____ Percentage of permeable surface area: 23%

Applicability

In accordance with Section 15183.5 of the California Environmental Quality Act (CEQA), the Checklist provides for streamlined review of projects subject to environmental review, offering an alternative to project-specific analysis of GHG emissions impacts. The Checklist is available to projects that meet locational requirements that further the City's efforts to facilitate housing and employment growth in walkable, transit-served areas, as well as projects that either 1) conform to current land use and zoning standards or 2) involve uses that would generate less GHG emissions than those allowed under current standards. Projects not located in walkable, transit-served areas are subject to additional Checklist requirements meant to encourage project design features that facilitate sustainable modes of transportation.

The Checklist is not mandatory. As part of the CEQA process, applicants can choose to mitigate significant GHG emissions impacts by other means. However, the City, as the lead agency for the CEQA process, reserves its discretion to determine if proposed mitigation measures are appropriate and adequate. For example, the City may or may not be amenable to out-of-jurisdiction carbon offsets as a means of mitigating significant GHG emissions impacts, based on the feasibility of on-site mitigation measures, opportunities for local offsets, etc.

Consistent with California's Climate Change Scoping Plan, the City has established a bright line threshold of significance for GHG emissions impacts: 900MT annually, with construction-related emissions amortized over 20 years. Projects that fall under this threshold are not required to conduct analysis of GHG emissions impacts, and thus would not benefit from the Checklist.

CEQA-exempted projects may still be subject to CAP measures. Requirements for on-site renewable energy generation, electric vehicle charging facilities, and transportation demand management (TDM) are triggered by project type and scale, as outlined in Section 3047 of the City's Zoning Ordinance.

The applicability of the Checklist may evolve in response to the City's progress in achieving its emissions reduction goals, new state policies or regulations, new methods of mitigating GHG emissions, etc. When the CAP is periodically updated, it is likely that the Checklist will need to be revised to accord with new or modified emissions reduction measures. The CEQA-qualified status of the CAP, which is the basis for its legal enforceability, relies upon a Checklist that ensures that new development supports the City's emissions reduction goals.

Checklist

Land Use Consistency

The City seeks to accommodate future housing and job growth primarily through infill and redevelopment within already urbanized areas. Specifically, the City seeks to facilitate new residential and employment-oriented development within SANDAG-designated Smart Growth Opportunity Areas and prior corridors (i.e., Coast Hwy, Mission Avenue, Oceanside Blvd, Vista Way). To this end, the Checklist includes locational criteria for new development subject to CEQA review.

Does the project meet one or more of the following locational criteria?

1) The project site is located within a designated Smart Growth Opportunity Area[1].

   ☒ Yes ☐ No

2) The project site is located within ¼ mile of a priority TOD corridor, as determined by the Smart and Sustainable Corridors Plan and/or SB 743 screen-out boundaries.

   ☒ Yes ☐ No

3) The project is consistent with current land use and zoning designations.

   ☒ Yes ☐ No

4) The project requires amendment of current land use and zoning designations. As demonstrated through a detailed analysis a) consistent with the precedent in the surrounding zoning district and b) subject to third party expert review, the proposed land uses would generate less GHG emissions than those associated with uses allowed under current land use and zoning designations.

   ☐ Yes ☒ No

[1] Smart Growth Opportunity Areas shall be defined as the half-mile radius around transit facilities identified on the current version of the SANDAG Smart Growth Concept Map.

Projects that do not qualify under any of the above criteria are not eligible for the Checklist. Projects that qualify under Criteria 3 or 4 are subject to additional Checklist requirements, as specified below.

CAP Measure Consistency

Renewable Energy Facilities

Outlined in Section 3047 of the City's Zoning Ordinance, this Checklist requirement applies to the following types of new development:

- Residential projects that include 25 or more dwelling units
- Commercial projects that comprise at least 12,500 square feet of habitable space
- Industrial projects that comprise at least 25,000 square feet of habitable space
- Institutional projects that comprise at least 12,500 square feet of habitable space

Does the project meet one or more of the above-noted thresholds?

☒ Yes ☐ No

If yes, will at least 50 percent of estimated electricity demand be met with on-site renewable, emissions-free energy supply (e.g., solar photovoltaic facilities)?

☐ Yes ☒ No

If no, will the project purchase an energy portfolio comprised of at least 75 percent renewable, emissions-free electricity?

☒ Yes ☐ No

Electric Vehicle Parking and Charging Facilities

Outlined in Section 3048 of the City's Zoning Ordinance, this Checklist requirement is applicable to new development that requires at least five (5) parking spaces.

Is the project subject to this requirement?

☒ Yes ☐ No

If yes, how many electric vehicle parking stalls is the project required to provide?

Block 5 = 41, Block 20 = 43

If yes, how many electric vehicle charging stations is the project required to provide?

Block 5 = 28, Block 20 = 28

Briefly describe where the required parking spaces and charging stations will be located within the project site. Note the plan sheet(s) on which the parking spaces and charging stations are depicted.

Locations to be finalized closer to building permit application; however, all required parking spaces and charging stattions shall be located within the parking garage structure.

Recycled Water Infrastructure

The applicability of this requirement is determined by the City's Water Utilities Department. Does the Water Utilities Department require that the project install infrastructure to provide for recycled water service?

☐ Yes ☒ No

If yes, will the project install the required infrastructure?

☐ Yes ☐ No

If yes, please briefly describe how the project will fulfill this requirement.

Transportation Demand Management (TDM)

As outlined in Section 3050 of the City's Zoning Ordinance, the City requires that all new non-residential development expected to generate at least 50 daily employee commute trips prepare and implement a transportation demand management (TDM) plan that achieves a minimum 20 percent alternative commute mode share, with alternative commute modes being those that don't involve single-occupancy vehicle commute trips in combustion engine vehicles. The City does not prescribe specific TDM measures but rather allows developers and employers to tailor their TDM plans to suit their business location and operations.

Is the project subject to this requirement?

☐ Yes ☒ No

If yes, does the applicant accept this requirement as a condition of project approval?

☐ Yes ☐ No

If yes, please provide a preliminary indication of the resources that will be utilized to prepare the TDM Plan (e.g., qualified traffic consultant, SANDAG Mobility Management Toolbox).

_____

_____

_____

_____

_____

The TDM Plan must include a monitoring and reporting program that commits the project to submitting a bi-annual status report to the City. Does the applicant agree to conduct ongoing monitoring and reporting of employee commuting choices?

☐ Yes ☐ No

Urban Forestry

As part of its urban forestry efforts, the City requires that all new development establish a minimum tree canopy and permeable surface area. When meeting the minimum tree canopy and permeable surface area requirements on the project site is determined to be infeasible,

applicants can pursue alternatives. Listed in order of preference, these alternatives include installing trees in adjacent public parkways, installing trees elsewhere in the City (subject to review and approval by the Public Works Department), or paying into the City's Tree Fund, should such a fund be established. Minimum tree canopy and permeable surface area requirements are outlined in Section 3049 of the City's Zoning Ordinance.

Does the project comply with minimum tree canopy and permeable surface area requirements?

☒ Yes ☐ No

If yes, do the applicant and successors agree to maintain minimum tree canopy and permeable surface area throughout the life of the project?

☒ Yes ☐ No

Does the applicant intend to pursue one of the above-noted alternatives to establishing minimum on-site tree canopy?

☐ Yes ☒ No

If yes, which alternative does the applicant intend to pursue?

☐ Tree installation in the adjacent public parkway

☐ Tree installation elsewhere in the City, as approved by the Public Works Department

☐ Payment into the City's Tree Fund, in an amount determined by the Public Works Department

If one of the above-noted alternatives is proposed, please explain why compliance with the on-site requirement is infeasible and why the proposed alternative is the most appropriate option.

_____

_____

_____

_____

_____

_____

Food Scraps Recycling Program

In accordance with state law (AB 1826 and SB 1383), all non-residential uses are required to participate in the City's Food Scraps Recycling Program, which involves placement of food scraps in a separate bin for separate processing. The City's Water Utilities Department and Waste Management of North County provide free technical assistance and training for businesses and their employees.

Is the project subject to this requirement?

☒ Yes ☐ No

If yes, does the applicant agree to ensure that all business owners and employees associated with the project participate in relevant training?

☒ Yes ☐ No

Oceanside Green Business Network (Voluntary)

Supported by the City's Water Utilities Department, the Oceanside Green Business Network is a free program that encourages environmental stewardship in the local business community and provides members with strategies designed to help them thrive in the green economy. While membership is voluntary, applicants for non-residential development as well as those operating businesses within the development are strongly encouraged to join the Network. Membership is contingent upon earning a minimum score on the Network's Sustainability Scorecard.

Does the applicant intend to join and promote membership in the Oceanside Green Business Network?

☐ Yes ☒ No

Energy Efficiency Audits & Analysis (Applicable Only to Projects Not Meeting Locational Criteria 1 or 2)

San Diego Gas and Electric (SDG&E) offers a variety of energy audits and evaluations for both residential and non-residential ratepayers. These programs identify opportunities for enhanced energy efficiency, which can result in lower energy costs. SDG&E services for non-residential development include the Comprehensive Audit Program and the Facility Assessment Service

Program. Applicants for non-residential development located outside of Smart Growth Opportunities areas or a ¼-mile radius of a priority corridor are required to participate in one of the above-noted programs no sooner than one year and no later than two years after initial building occupancy. Applicants are not required to implement the recommendations of the audit.

Is the project subject to this requirement?

☐ Yes ☒ No

If yes, does the applicant agree to participate in an SDG&E energy efficiency audit program within the above-noted timeframe?

☐ Yes ☐ No

Mitigation of Per Capita Vehicle Miles Traveled (VMT) above Baseline (Applicable Only to Projects Not Meeting Locational Criteria 1 or 2)

Consistent with state law (AB 743), the City's CEQA review process includes assessment of impacts on vehicle miles traveled (VMT). In general, projects located in walkable, transit-rich areas are expected to generate less VMT than those located in peripheral areas with more dispersed land use patterns. Projects not meeting locational criteria 1 or 2 are required to incorporate project features that reduce VMT by at least 15 percent below the regional average, consistent with the City's Traffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment.

Is the project subject to this requirement?

☐ Yes ☒ No

If yes, will the project include features that will reduce estimated VMT by at least 15 percent below the regional average, consistent with the City's Traffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment?

☐ Yes ☐ No

STAFF DETERMINATION REGARDING CHECKLIST COMPLIANCE

Does the project comply with the City's CAP Consistency Checklist?

[x] Yes ☐ No

If not, what additional information and/or commitments are required?

_____

_____

_____

_____

_____

_____

_____

_____

_____

Staff Reviewer: Manuel Baeza

Staff Email: mbaeza@oceansideca.org

Date: 11/13/2025

Attachment 7.d. Local Transportation Study

4542 Ruffner Street
Suite 100
San Diego, CA 92111
858.300.8800 T
www.llgengineers.com

Pasadena
Irvine
San Diego

LOCAL TRANSPORTATION STUDY

BLOCKS 5 AND 20

Oceanside, California
January, 2025

LLG Ref. 3-24-3858

Prepared by:
Amelia Giacalone
Senior Transportation Planner
&
Zahira Chayeb
Transportation Engineer II

Under the Supervision of:
John Boarman, P.E.
Principal

EXECUTIVE SUMMARY

Linscott, Law & Greenspan, Engineers (LLG) has prepared the following Local Transportation Study (LTS) to determine and evaluate the potential effects to the local roadway system due to the proposed Blocks 5 & 20 project (Project), consistent with the City of Oceanside *Traffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment*, August 2020. This City document provides guidance for the preparation of an LTS to identify any off-site infrastructure improvements in the Project vicinity that may be triggered with the development of the Project as well as to analyze site access and circulation and evaluate the local multi-model network available to serve to Project.

Project Description

The Blocks 5 & 20 Project proposes a 373-unit mixed-use infill development, including 38 units for low-income households, on two (2) downtown city blocks. In addition to providing housing, the Project includes approximately 17,406 sf of total commercial space (5,958 sf of commercial, 8,963 sf of live-work space, and 2,485 sf of adjacent outdoor space). Block 5 includes an 8-story mixed-use building with 193 multifamily units (including 3 live-work units). Block 20 includes a 7-story building with 180 multifamily units (including 3 live-work units).

Trip Generation

The Project is calculated to generate 2,301 daily trips with 141 trips during the AM peak hour (90 inbound/ 51 outbound trips) and 179 trips during PM peak hour (75 inbound/ 104 outbound trips).

Study Area

The LTS study area includes thirteen (13) intersections and five (5) street segments. The analysis determines the transportation impacts of the Project under Existing, Near-Term, and Buildout (2050) conditions. Twentynine (29) cumulative projects were identified and added to Near-Term cumulative conditions.

Existing + Project Operations

Table 8–1 summarizes the peak hour intersection operations under Existing + Project conditions. As shown, the study area intersections are calculated to operate acceptably at LOS C or better during the AM and PM peak hours with the addition of Project trips and therefore, based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, intersection improvements are not required.

Table 8–2 summarizes the street segment operations under Existing + Project conditions. As shown, the study area street segments are calculated to operate acceptably at LOS C or better with the addition of Project trips and therefore, based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, roadway improvements are not required.

Near-Term + Project Operations

Table 9–1 summarizes the peak hour intersection operations under Near-Term + Project conditions. As shown, the study area intersections are calculated to operate acceptably at LOS D or better during the AM and PM peak hours, except for the following:

- Intersection #3: Mission Avenue / Horne Street – LOS E (PM Peak Hour)
- **Intersection #13: Mission Avenue / Nevada Street – LOS E/F (AM/PM Peak Hour)**

Based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, roadway improvements are required at Intersection #13 (Mission Avenue / Nevada Street). No improvements are required at Intersection #3 (Mission Avenue / Horne Street).

Table 9–2 summarizes the street segment operations under Near-Term + Project conditions. As shown, the study area street segments are calculated to operate acceptably at LOS C or better with the addition of Project trips and therefore, based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, roadway improvements are not required.

Buildout + Project Operations

Table 10–1 summarizes the peak hour intersection operations under Buildout + Project conditions. As shown, the study area intersections are calculated to operate acceptably at LOS D or better during the AM and PM peak hours with the addition of Project trips with the exception of the following:

- Intersection #3: Mission Avenue / Horne Street – LOS E (AM/PM Peak Hour)
- Intersection #5: Mission Avenue / Coast Highway – LOS E (PM Peak Hour)

Based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, intersection improvements are not required under Buildout conditions.

Table 10–2 summarizes the street segment operations under Buildout + Project conditions. As shown, the study area street segments are calculated to continue to operate acceptably at LOS C or better with the addition of Project trips and therefore, based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, roadway improvements are not required.

Required Off-Site Improvements

The following improvement is proposed to address the Near-Term operational deficiency at the Mission Avenue / Nevada Street intersection:

- It is recommended that the Project contribute a fair share towards the potential signalization of the Mission Avenue / Nevada Street intersection. The fair share payment will be paid to the City's Thoroughfare and Signal Account. The funds will be used at the City's discretion for projects that will improve traffic safety and mobility in the City of Oceanside. As shown in *Table 13-1*, the Project's calculated fair share percentage towards the potential signalization is approximately 12.46%.

Based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, roadway improvements at the intersection listed above are not required under Existing or Buildout conditions.

Additionally, an existing operational deficiency is noted at the intersection of Myers Street/Mission Avenue where right-turning trucks at the westbound to northbound approach of Mission Avenue have difficulty completing the maneuver if an opposing vehicle is stopped at the southbound approach of Myers Street. It is recommended that signage be installed on westbound Mission Avenue at Myers Street, prohibiting trucks from turning right onto Myers Street and directing trucks to instead proceed through the intersection and turn right at the adjacent Mission Avenue / N. Pacific Street intersection.

Parking

The Project requires the provision of 240 parking spaces for Block 5 and 240 parking spaces for Block 20, for a total of 480 parking spaces. The Project will provide 276 parking spaces for Block 5 and 284 parking spaces for Block 20 for a total of 560 parking spaces, a surplus of 80 spaces compared to the requirements set forth in the City of Oceanside *Comprehensive Zoning Ordinance,* the State of California Government Code 65915 Density Bonuses, and the California Building Code.

Vehicle Miles Traveled Assessment

The Project is consistent with the City's adopted General Plan and is located in a Transit Priority Area. Therefore, a Transportation VMT Analysis is screened out and was not prepared for this Project.

The tables below summarize the *Existing + Project* intersection and segment analysis:

TABLE 8–1
EXISTING + PROJECT INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Existing		Existing + Project		Delay Δ [c]	Impact?
			Delay [a]	LOS [b]	Delay	LOS		
1. I-5 NB Off-Ramp & Mission Avenue	Unsignalized [d]	AM PM	- -	- -	- -	- -	- -	No
2. I-5 SB Ramps / Pirates Cove & Mission Avenue	Signal	AM PM	18.6 11.4	B B	18.9 11.7	B B	0.3 0.3	No
3. Horne Street & Mission Avenue	Signal	AM PM	24.7 30.7	C C	24.9 31.3	C C	0.2 0.6	No
4. Ditmar Street & Mission Avenue	Signal	AM PM	11.4 11.5	B B	11.5 11.7	B B	0.1 0.2	No
5. Coast Highway & Mission Avenue	Signal	AM PM	18.9 27.8	B C	20.6 32.1	C C	1.7 4.3	No
6. Cleveland Street & Mission Avenue	Signal	AM PM	12.5 16.5	B B	12.7 16.5	B B	0.2 0.0	No
7. Myers Street & Mission Avenue	Signal	AM PM	14.2 18.7	B B	14.7 20.1	B C	0.5 1.4	No
8. Ditmar Street & Seagaze Drive	ASWC [e]	AM PM	8.0 8.9	A A	8.1 9.2	A A	0.1 0.3	No
9. Coast Highway & Seagaze Drive	Signal	AM PM	10.7 17.0	B B	11.1 18.1	B B	0.4 1.1	No
10. Myers Street & Pier View Way	AWSC	AM PM	7.1 7.5	A A	7.4 7.8	A A	0.3 0.3	No
11. Myers Street & Project Driveway (Block 5) [h]	MSSC [f]	AM PM	- -	- -	9.0 9.5	A A	9.0 9.5	No
12. Myers Street & Project Driveway (Block 20) [h]	MSSC	AM PM	- -	- -	9.6 10.4	A B	9.6 10.4	No
13. Mission Avenue & Nevada Street	TWSC [g]	AM PM	13.8 12.6	B B	14.3 12.9	B B	0.5 0.3	No

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes the increase in delay due to Project.
d. All intersection movements are free or yield-control - No Synchro results reported.
e. AWCS = All Way Stop-Controlled intersection.
   Average delay reported.
f. MSSC = Minor Street Stop-Controlled intersection. Worst delay reported.
g. TWSC = Two Way Stop-Controlled intersection. Worst delay reported.
h. Intersection does not exist under "without Project" conditions.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 8-2
EXISTING + PROJECT STREET SEGMENT OPERATIONS

Street Segment	Capacity (LOS E) [a]	Existing			Existing + Project			V/C Δ [d]	Impact?
		ADT[b]	LOS[c]	V/C	ADT	LOS	V/C		
Mission Avenue									
Coast Highway to Cleveland Street	25,000	13,418	B	0.537	15,048	C	0.602	0.065	No
Cleveland Street to Myers Street	25,000	10,147	A	0.406	11,827	B	0.473	0.067	No
Myers Street									
Project Dwy (Block 5) to Pier View Way	2,200 [e]	968	C	N/A	1,938	C	N/A	-	No
Pier View Way to Project Dwy (Block 20)	2,200	1,910	C	N/A	3,040	C	N/A	-	No
Project Dwy (Block 20) to Mission Ave	2,200	1,910	C	N/A	3,870	C	N/A	-	No

Footnotes:

a. Capacities based on City of Oceanside Roadway Classification Table.
b. Average Daily Traffic Volumes.
c. Level of Service
d. Δ denotes the increase in V/C due to Project.
e. For unclassified local roadways, LOS and V/C need not be provided. 2,200 ADT is assumed LOS C capacity.

The tables below summarize the *Near Term + Project* intersection and segment analysis:

TABLE 9–1
NEAR TERM INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Near Term		Near Term + Project		Delay Δ [c]	Impact?
			Delay [a]	LOS [b]	Delay	LOS		
1. I-5 NB Off-Ramp & Mission Avenue	Unsignalized [d]	AM PM	- -	- -	- -	- -	- -	No
2. I-5 SB Ramps / Pirates Cove & Mission Avenue	Signal	AM PM	25.8 14.5	C B	26.2 15.2	C B	0.4 0.7	No
3. Horne Street & Mission Avenue	Signal	AM PM	36.1 57.0	D E	37.3 57.2	D E	1.2 0.2	No
4. Ditmar Street & Mission Avenue	Signal	AM PM	11.7 14.5	B B	12.0 15.2	B B	0.3 0.7	No
5. Coast Highway & Mission Avenue	Signal	AM PM	22.5 46.6	C D	24.4 49.6	C D	1.9 3.0	No
6. Cleveland Street & Mission Avenue	Signal	AM PM	12.4 17.6	B B	12.7 17.8	B B	0.3 0.2	No
7. Myers Street & Mission Avenue	Signal	AM PM	14.7 19.3	B B	15.1 20.5	B C	0.4 1.2	No
8. Ditmar Street & Seagaze Drive	ASWC [e]	AM PM	9.1 10.1	A B	9.3 10.5	A B	0.2 0.4	No
9. Coast Highway & Seagaze Drive	Signal	AM PM	21.0 28.4	C C	21.3 30.2	C C	0.3 1.8	No
10. Myers Street & Pier View Way	AWSC	AM PM	7.2 7.5	A A	7.5 7.9	A A	0.3 0.4	No
11. Myers Street & Project Driveway (Block 5) [h]	MSSC [f]	AM PM	- -	- -	9.1 9.5	A A	9.1 9.5	No
12. Myers Street & Project Driveway (Block 20) [h]	MSSC	AM PM	- -	- -	9.7 10.5	A B	9.7 10.5	No
13. Mission Avenue & Nevada Street	TWSC [g]	AM PM	**45.6** **48.4**	**E** **E**	**50.4** **51.9**	**F** **F**	**4.8** **3.5**	**Yes**

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes the increase in delay due to Project.
d. All intersection movements are free or yield-control - No Synchro results reported.
e. AWCS = All Way Stop-Controlled intersection.
   Average delay reported.
f. MSSC = Minor Street Stop-Controlled intersection. Worst delay reported.
g. TWSC = Two Way Stop-Controlled intersection. Worst delay reported.
h. Intersection does not exist under "without Project" conditions.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 9-2
NEAR-TERM STREET SEGMENT OPERATIONS

Street Segment	Capacity (LOS E) [a]	Near-Term			Near-Term + Project			V/C Δ [c]	Impact?
		ADT[b]	LOS[c]	V/C	ADT	LOS	V/C		
Mission Avenue									
Coast Highway to Cleveland Street	25,000	13,954	C	0.558	15,584	C	0.623	0.065	No
Cleveland Street to Myers Street	25,000	11,513	B	0.461	13,193	C	0.528	0.067	No
Myers Street									
Project Dwy (Block 5) to Pier View Way	2,200 [e]	1,068	C	N/A	2,038	C	N/A	-	No
Pier View Way to Project Dwy (Block 20)	2,200	2,110	C	N/A	3,240	C	N/A	-	No
Project Dwy (Block 20) to Mission Ave	2,200	2,110	C	N/A	4,070	C	N/A	-	No

Footnotes:

a. Capacities based on City of Oceanside Roadway Classification Table.
b. Average Daily Traffic Volumes.
c. Level of Service
d. Δ denotes the increase in V/C due to Project.
e. For unclassified local roadways, LOS and V/C need not be provided. 2,200 ADT is assumed LOS C capacity.

The tables below summarize the *Buildout + Project* intersection and segment analysis:

TABLE 10–1
BUILDOUT INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Buildout		Buildout + Project		Delay Δ [c]	Impact?
			Delay [a]	LOS [b]	Delay	LOS		
1. I-5 NB Off-Ramp & Mission Avenue	Unsignalized [d]	AM PM	- -	- -	- -	- -	- -	No
2. I-5 SB Ramps / Pirates Cove & Mission Avenue	Signal	AM PM	49.4 41.6	D D	49.4 42.7	D D	0.0 1.1	No
3. Horne Street & Mission Avenue	Signal	AM PM	68.0 55.4	E E	69.1 57.3	E E	1.1 1.9	No
4. Ditmar Street & Mission Avenue	Signal	AM PM	12.0 14.2	B B	12.4 14.8	B B	0.4 0.6	No
5. Coast Highway & Mission Avenue	Signal	AM PM	23.5 66.6	C E	25.7 67.4	C E	2.2 0.8	No
6. Cleveland Street & Mission Avenue	Signal	AM PM	13.1 25.3	B C	13.3 25.7	B C	0.2 0.4	No
7. Myers Street & Mission Avenue	Signal	AM PM	15.9 23.3	B C	16.6 25.3	B C	0.7 2.0	No
8. Ditmar Street & Seagaze Drive	ASWC [e]	AM PM	8.8 10.1	A B	8.9 10.4	A B	0.1 0.3	No
9. Coast Highway & Seagaze Drive	Signal	AM PM	23.9 33.6	C C	26.3 35.3	C D	2.4 1.7	No
10. Myers Street & Pier View Way	AWSC	AM PM	7.2 7.6	A A	7.5 8.1	A A	0.3 0.5	No
11. Myers Street & Project Driveway (Block 5) [h]	MSSC [f]	AM PM	- -	- -	9.1 9.7	A A	- -	No
12. Myers Street & Project Driveway (Block 20) [h]	MSSC	AM PM	- -	- -	9.8 10.8	A B	- -	No
13. Mission Avenue & Nevada Street	TWSC [g]	AM PM	17.3 17.6	C C	18.0 18.2	C C	0.7 0.6	No

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes the increase in delay due to Project.
d. All intersection movements are free or yield-control - No Synchro results reported.
e. AWCS = All Way Stop-Controlled intersection.
   Average delay reported.
f. MSSC = Minor Street Stop-Controlled intersection. Worst delay reported.
g. TWSC = Two Way Stop-Controlled intersection. Worst delay reported.
h. Intersection does not exist under "without Project" conditions.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 10–2
BUILDOUT 2050 STREET SEGMENT OPERATIONS

Street Segment	Capacity (LOS E) [a]	Buildout			Buildout + Project			V/C Δ [c]	Impact?
		ADT[b]	LOS[c]	V/C	ADT	LOS	V/C		
Mission Avenue									
Coast Highway to Cleveland Street	25,000	14,045	C	0.562	15,675	C	0.627	0.065	No
Cleveland Street to Myers Street	25,000	10,785	B	0.431	12,465	B	0.499	0.067	No
Myers Street									
Project Dwy (Block 5) to Pier View Way	2,200 [e]	1,249	C	N/A	2,219	C	N/A	-	No
Pier View Way to Project Dwy (Block 20)	2,200	2,464	C	N/A	3,594	C	N/A	-	No
Project Dwy (Block 20) to Mission Ave	2,200	2,464	C	N/A	4,424	C	N/A	-	No

Footnotes:

a. Capacities based on City of Oceanside Roadway Classification Table.
b. Average Daily Traffic Volumes.
c. Level of Service
d. Δ denotes the increase in V/C due to Project.
e. For unclassified local roadways, LOS and V/C need not be provided. 2,200 ADT is assumed LOS C capacity.

TABLE OF CONTENTS

SECTION		PAGE
1.0	**Introduction**	**1**
2.0	**Project Description**	**4**
2.1	Project Location	4
2.2	Project Description	4
3.0	**Local Transportation Assessment Methodology & Thresholds**	**6**
3.1	Study Area	6
3.2	Analysis Scenarios	7
3.3	Analysis Methodology	7
3.3.1	Intersections	7
3.3.2	Street Segments	7
3.4	Thresholds for the Determination of the Need for Roadway Improvements	8
3.5	Vehicle Miles Traveled Assessment	8
4.0	**Existing Vehicular Conditions**	**9**
4.1	Existing Street Network	9
4.2	Existing Traffic Volumes	10
5.0	**Analysis of Existing Conditions**	**13**
5.1	Peak Hour Intersection Analysis	13
5.2	Daily Street Segment Operations	13
6.0	**Cumulative Projects**	**16**
6.1	Summary of Cumulative Projects	16
7.0	**Trip Generation/Distribution/Assignment**	**19**
7.1	Trip Generation	19
7.2	Trip Distribution and Assignment	19
8.0	**Analysis of Existing + Project Conditions**	**24**
8.1	Peak Hour Intersection Analysis	24
8.2	Daily Street Segment Operations	24
9.0	**Analysis of Near-Term Conditions**	**27**
9.1	Near-Term Traffic Volumes	27
9.2	Near-Term without Project Conditions	27
9.2.1	Peak Hour Intersection Analysis	27
9.2.2	Daily Street Segment Operations	27

9.3 Near-Term + Project Conditions 27
9.3.1 Peak Hour Intersection Analysis 27
9.3.2 Daily Street Segment Operations 28

10.0 Analysis of Buildout (2050) Conditions 33
10.1 Buildout Conditions & Traffic Volumes 33
10.2 Buildout without Project Conditions 33
10.2.1 Peak Hour Intersection Analysis 33
10.2.2 Daily Street Segment Operations 34
10.3 Buildout + Project Conditions 34
10.3.1 Peak Hour Intersection Analysis 34
10.3.2 Daily Street Segment Operations 34

11.0 Pedestrian, Transit and Bicycle Mobility 39
11.1 Bicycle Access 39
11.2 Pedestrian Access 39
11.3 Transit Access 39
11.3.1 North County Transit District (NCTD) 39
11.3.2 Sprinter 40
11.3.3 Coaster 40

12.0 Site Access Review and Parking Summary 41
12.1 Site Access Review 41
12.2 Parking Summary 41

13.0 Conclusions and Recommendations 43

APPENDICES

APPENDIX

A. City of Oceanside Roadway Classification Table

B. Intersection and Segment Count Sheets

C. Signal Timing Plans

D. Excerpts from the Cumulative Project's Traffic Studies

E. Peak Hour Intersection Analysis Worksheets – Existing Conditions

F. Peak Hour Intersection Analysis Worksheets – Existing + Project

G. Peak Hour Intersection Analysis Worksheets – Near-Term

H. Peak Hour Intersection Analysis Worksheets – Near-Term + Project

I. Peak Hour Intersection Analysis Worksheets – Buildout

J. Peak Hour Intersection Analysis Worksheets – Buildout + Project

K. Fair Share Memo

LIST OF FIGURES

SECTION—FIGURE #		FOLLOWING PAGE
Figure 1–1	Vicinity Map	2
Figure 1–2	Project Area Map	3
Figure 2–1	Site Plan	5
Figure 4–1	Existing Conditions Diagram	11
Figure 4–2	Existing Traffic Volumes	12
Figure 6–1	Total Cumulative Traffic Volumes	18
Figure 7–1	Project Traffic Distribution	21
Figure 7–2	Project Traffic Volumes	22
Figure 7–3	Existing + Project Traffic Volumes	23
Figure 9–1	Near-Term Traffic Volumes	31
Figure 9–2	Near-Term + Project Traffic Volumes	32
Figure 10–1	Buildout Traffic Volumes	37
Figure 10–2	Buildout + Project Traffic Volumes	38

LIST OF TABLES

SECTION—TABLE #		PAGE
Table 3–1	City of Oceanside Determination of the Need for Roadway Improvements	8
Table 5–1	Existing Intersection Operations	14
Table 5–2	Existing Street Segment Operations	15
Table 6–1	Cumulative Projects	16
Table 7–1	Project Trip Generation	20
Table 8–1	Existing + Project Intersection Operations	25
Table 8-2	Existing + Project Street Segment Operations	26
Table 9–1	Near Term Intersection Operations	29
Table 9-2	Near-Term Street Segment Operations	30
Table 10–1	Buildout Intersection Operations	35
Table 10–2	Buildout 2050 Street Segment Operations	36
Table 12-1	Parking Calculations	42

LOCAL TRANSPORTATION STUDY

BLOCKS 5 & 20

Oceanside, California
January, 2025

1.0 INTRODUCTION

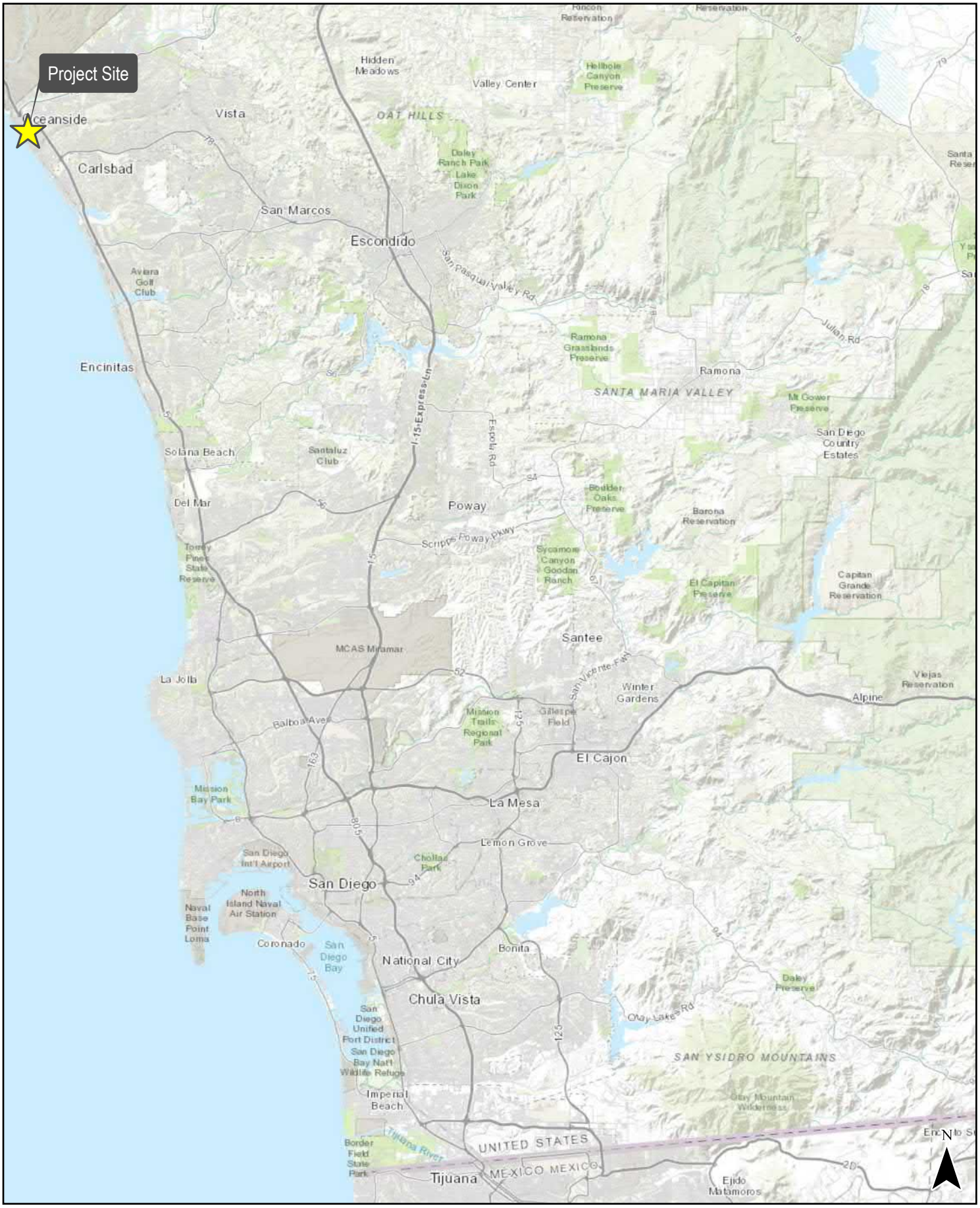
Linscott, Law & Greenspan Engineers (LLG) has prepared this Local Transportation Study (LTS) to assess the potential impacts associated with the Blocks 5 & 20 Development project (Project) in the City of Oceanside. The Project site is located on Myers Street in the City of Oceanside. Pier View Way bifurcates the site into two blocks: Block 5 to the north and Block 20 to the south. The proposed mixed-use project includes two buildings. Block 5 includes an 8-story mixed-use building with 193 multifamily units. Block 20 includes a 7-story building with 180 multifamily units.

Figure 1-1 depicts the Project Vicinity Map. ***Figure 1-2*** depicts the Project Area Map.

The following sections are included in this report:

- Project Description
- Local Transportation Assessment Methodology & Thresholds
- Existing Vehicular Conditions Description
- Analysis of Existing Conditions
- Cumulative Projects
- Project Trip Generation/Distribution/Assignment
- Analysis of Existing + Project Conditions
- Analysis of Near-Term Conditions
- Analysis of Buildout (2050) Conditions
- Pedestrian, Transit and Bicycle Mobility
- Site Access Review and Parking
- Conclusions and Recommendations Summary

The Project is consistent with the City's adopted General Plan and is located in a Transit Priority Area. Therefore, a Transportation VMT Analysis is screened out and is not included in this report.



LINSCOTT LAW & GREENSPAN engineers

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Figure 1-1
Vicinity Map

LINSCOTT LAW & GREENSPAN engineers

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Figure 1-2

Project Area Map

2.0 PROJECT DESCRIPTION

The Blocks 5 & 20 Project proposes a 373-unit mixed-use infill development, including 38 units for low-income households, on two downtown city blocks. In addition to providing housing, the Project includes approximately 17,406 sf of total commercial space (5,958 sf of commercial, 8,963 sf of live-work space, and 2,485 sf of adjacent outdoor space).

2.1 Project Location

Located one-half mile from the Oceanside Transit Center, the 3.52 gross-acre site consists of a single parcel (APN 147-370-07-00) in Downtown Oceanside just north of Mission Avenue between N Myers Street to the west and the North County Transit District (NCTD) rail line to the east. Pier View Way bifurcates the site into two blocks: Block 5 to the north and Block 20 to the south. The blocks are currently two parking lots leased by the City of Oceanside. The Project has a General Plan Land Use designation of Downtown. Within the Downtown District, Blocks 5 & 20 are located in Subdistrict 1, which allows mixed-use developments. Access to the site is only provided via Myers Street.

2.2 Project Description

Block 5, north of Pier View Way, will include 193 total units (including 3 live-work units) and approximately 7,868 SF of total commercial (2,321 sf of commercial, 4,406 sf of live-work, and 1,141 sf of adjacent outdoor space) on 1.05 net acres. The mixed-use community will be eight stories with six levels of residential units and amenities above two levels of leasing, resident amenities, commercial, and above-grade parking. There will be one level of subterranean parking.

Block 20, between Pier View Way and Mission Ave, will include 180 total units (including 3 live-work units) and approximately 9,538 sf of total commercial (3,637 sf of commercial, 4,557 of live-work, and 1,344 of adjacent outdoor space) on 1.02 net acres. The mixed-use community will be seven stories with five levels of residential units and amenities above two levels of leasing, resident amenities, commercial, and above-grade parking. There will be one level of subterranean parking.

Figure 2-1 depicts the Project Site Plan.

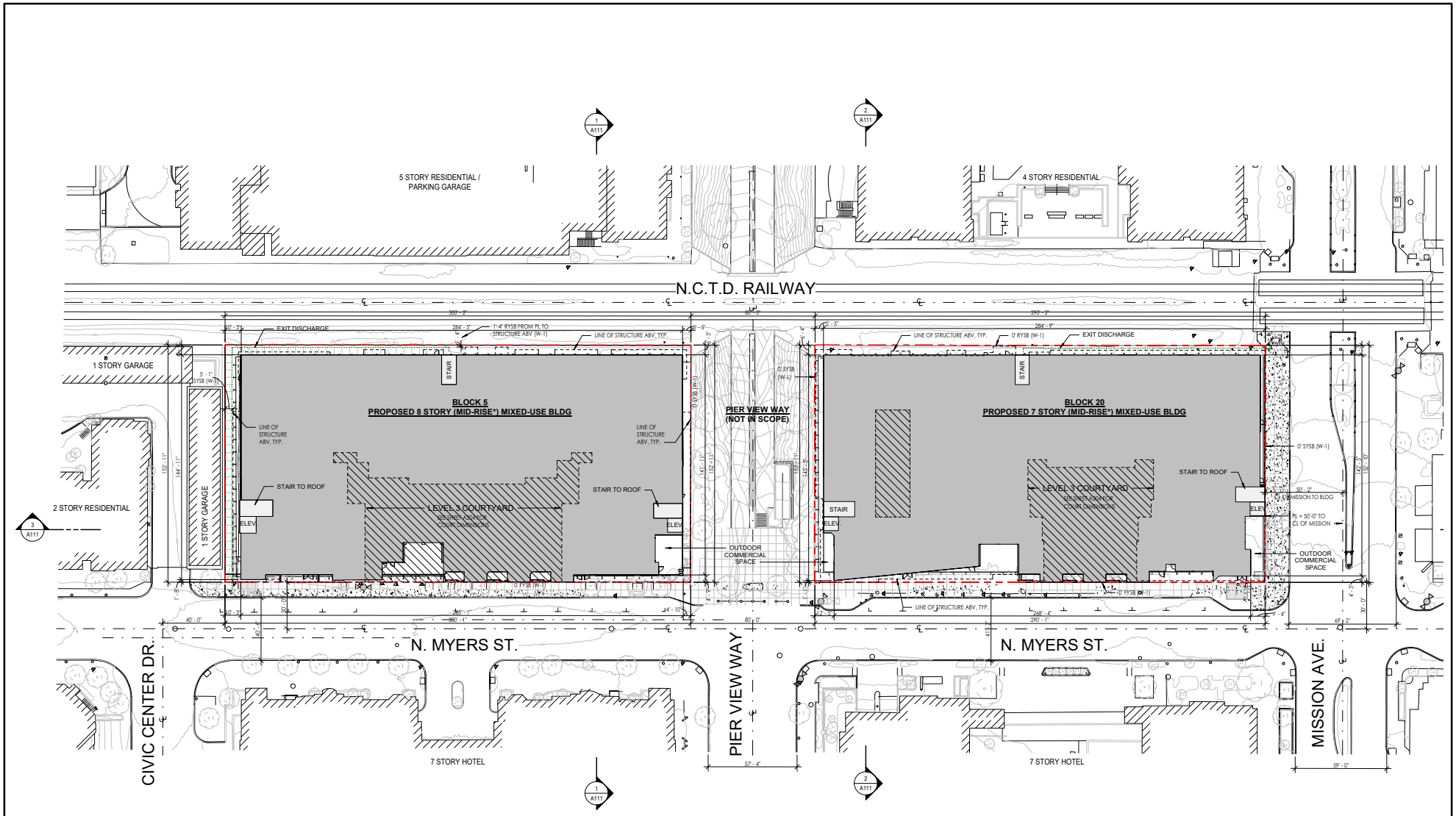

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Figure 2-1

Site Plan

Oceanside Blocks 5/20

3.0 LOCAL TRANSPORTATION ASSESSMENT METHODOLOGY & THRESHOLDS

A Project-Specific Local Transportation Study was prepared to analyze automobile delay and Level of Service (LOS). The LOS analysis was conducted to identify Project effects on the roadway operations in the Project study area and to recommend Project improvements to address noted deficiencies; however, the CEQA impact significance determination for the proposed Project is based only on VMT and not on LOS.

The proposed Project generates over 1,000 ADT (see *Section 8.1*) and is consistent with the City's adopted General Plan. Therefore, a Local Transportation Study (LTS) was prepared consistent with the City of Oceanside *Traffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment*.

3.1 Study Area

The following study area was developed based on the anticipated assignment of Project traffic and locations which will carry the most Project traffic, per City of Oceanside staff coordination and scoping meetings. The study area meets and exceeds the trip-based criteria from the City's Guidelines, which state that:

- All signalized intersections and project driveways shall be analyzed if the project will add 50 or more new peak hour trips in either direction.
- All unsignalized intersections and project driveways shall be analyzed if the project will add 50 or more new peak hour trips in either direction.
- All freeway ramp intersections and signalized ramp meters shall be analyzed if the project all 20 or more new peak hour trips in either direction.

INTERSECTIONS

1. I-5 NB Off-Ramp & Mission Avenue
2. I-5 SB Ramps / Pirates Cove & Mission Ave
3. Horne Street & Mission Avenue
4. Ditmar Street & Mission Avenue
5. Coast Highway & Mission Avenue
6. Cleveland Street & Mission Avenue
7. Myers Street & Mission Avenue
8. Ditmar Street & Seagaze Drive
9. Coast Highway & Seagaze Drive
10. Myers Street & Pier View Way
11. Myers Street & Project Driveway (Block 5)
12. Myers Street & Project Driveway (Block 20)
13. Mission Avenue & Nevada Street

STREET SEGMENTS

Mission Avenue

Coast Highway to Cleveland Street
Cleveland Street to Myers Street

Myers Street

Project Driveway (Block 5) to Pier View Way
Pier View Way to Project Driveway (Block 20)
Project Driveway (Block 20) to Mission Avenue

3.2 Analysis Scenarios

This study includes analysis of the following scenarios:

- Existing Conditions
- Existing Conditions + Project
- Existing Conditions + Near-Term Cumulative Projects
- Existing Conditions + Near-Term Cumulative Projects + Project
- Buildout Conditions (2050)
- Buildout Conditions (2050) + Project

3.3 Analysis Methodology

Level of service (LOS) is the term used to denote the different operating conditions which occur on a given roadway segment under various traffic volume loads. It is a qualitative measure used to describe a quantitative analysis taking into account factors such as roadway geometries, signal phasing, speed, travel delay, freedom to maneuver, and safety. Level of Service provides an index to the operational qualities of a roadway segment or an intersection. Level of Service designations range from A to F, with LOS A representing the best operating conditions and LOS F representing the worst operating conditions. Level of Service designation is reported differently for signalized and unsignalized intersections, as well as for roadway segments.

3.3.1 *Intersections*

Intersections were analyzed under AM and PM peak hour conditions. Average vehicle delay was determined utilizing the methodology found in Chapter 18 of the *Highway Capacity Manual (HCM),* with the assistance of the *Synchro* (version 10) computer software. The delay values (represented in seconds) were qualified with a corresponding intersection Level of Service (LOS).

3.3.2 *Street Segments*

Street segment analysis is based upon the comparison of daily traffic volumes (ADTs) to the City of Oceanside's *Circulation Element Roadway Classification LOS & Capacity* table (Table 12 in the City of Oceanside *Traffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment,* August 2020. This table provides segment capacities for different street

classifications, based on traffic volumes and roadway characteristics. The roadway classification table is attached in ***Appendix A***.

3.4 Thresholds for the Determination of the Need for Roadway Improvements

Based on information contained in the City of Oceanside *Traffic Impact Analysis Guidelines for Vehicle Miles Traveled (VMT) and Level of Service Assessment*, ***Table 3-1*** indicates when a project's effect on the roadway system is considered to justify the need for roadway improvements. If a project's traffic effect causes the values in *Table 3-1* to be exceeded, roadway improvements should be considered as follows on a case-by-case basis:

- Improvements should be consistent with the General Plan
- Improvements for transit, bike and pedestrian facilities should be given priority in Transit Priority Areas or Smart Growth Opportunity Areas as identified by SANDAG.
- Projects in Transit Priority Areas or Smart Growth Opportunity Areas as identified by SANDAG, that are consistent with the General Plan at the time of project application, should not be denied due to the inability to provide roadway improvements (i.e., existing right of way is constrained, etc.)

TABLE 3–1
CITY OF OCEANSIDE
DETERMINATION OF THE NEED FOR ROADWAY IMPROVEMENTS

Level of Service with Project	Allowable Change Due to Project Effect	
	Roadway Segments	Intersections
	V/C	Delay (sec.)
E & F	0.02	2.0

3.5 Vehicle Miles Traveled Assessment

The Project is consistent with the City's adopted General Plan and is located in a Transit Priority Area. Therefore, a Transportation VMT Analysis is screened out and was not prepared for this Project.

4.0 EXISTING VEHICULAR CONDITIONS

Effective evaluation of the traffic effects associated with the proposed Project requires an understanding of the existing transportation system within the project area. ***Figure 4–1*** shows an existing conditions diagram, including intersections and lane configurations.

4.1 Existing Street Network

The following is a description of the existing street network in the study area. The roadway classifications are based on field observations and a review of the Oceanside Circulation Element.

MYERS STREET is an unclassified roadway on the *City of Oceanside Circulation Element*. It is currently constructed as a 2-lane undivided roadway. On-street parking and sidewalks are provided on both sides of the roadway. The assumed speed limit is 25 mph.

COAST HIGHWAY is classified as a Secondary Collector between SR76 and the southern City limits on the *City of Oceanside Circulation Element*. It is currently built as a four-lane undivided roadway between SR76 and the southern City limits. Sidewalks are provided on both sides of the roadway. There are no designated bike lanes and on-street parking is permitted. The posted speed limit is 25 mph.

MISSION AVENUE is classified as a Secondary Collector between Pacific Street and Horne Street on the *City of Oceanside Circulation Element*. Mission Avenue is currently constructed as a 4-lane, two-way divided roadway east of Clementine Street. It transitions to a 2-lane, one-way west-bound roadway between Clementine Street and N. Coast Highway, then transitions back to a 4-lane, two-way divided roadway west of N. Coast Highway. The posted speed limit ranges from 25 mph to 35 mph. On-street parking is not permitted, and Class III bicycle routes are provided along the north side of the street within the study area.

DITMAR STREET is an unclassified roadway on the *City of Oceanside Circulation Element*. It is currently constructed as a 2-lane undivided roadway between Coast Highway and Clementine Street. Bike lanes are not provided within the study area and the posted speed limit is 25 mph. On-street parking and sidewalks are provided on both sides of the roadway.

SEAGAZE DRIVE is an unclassified roadway on the *City of Oceanside Circulation Element*. It is currently constructed as a 2-lane, one-way east-bound undivided roadway. The assumed speed limit is 25 mph. Class II bicycle lanes are provided along the south side of the street within the study area. On-street parking and sidewalks are provided on both sides of the roadway.

PIER VIEW WAY is an unclassified roadway on the *City of Oceanside Circulation Element*. It is currently constructed as a 2-lane undivided roadway between Horne Street and Cleveland Street. On-street parking and sidewalks are provided on both sides of the roadway. The assumed speed limit is 25 mph.

CLEVELAND STREET is an unclassified roadway on the *City of Oceanside Circulation Element*. It is currently constructed as a 2-lane undivided roadway between Horne Street and Cleveland Street. There are Class III bike routes from Neptune Way to Seagaze Drive on both sides of the street. On-street parking and sidewalks are provided on both sides of the roadway. The assumed speed limit is 25 mph.

HORNE DRIVE is classified as a Collector Road between Wisconsin Avenue and Civic Center Drive on the *City of Oceanside Circulation Element*. It is currently constructed as a 2-lane undivided roadway. The assumed speed limit is 25 mph. On-street parking and sidewalks are provided on both sides of the roadway.

NEVADA STREET is an unclassified roadway on the *City of Oceanside Circulation Element*. It is currently constructed as a 2-lane undivided roadway. Bike lanes are not provided within the study area and the assumed speed limit is 25 mph. On-street parking and sidewalks are provided on both sides of the roadway.

4.2 Existing Traffic Volumes

Daily segment counts and peak hour (7:00-9:00 AM and 4:00-6:00 PM) intersection turning movement volumes were collected on various dates between 2022 - 2024. Counts were conducted on Tuesday, July 12, 2022, Tuesday, September 26, 2023, Thursday, January 11, 2024, and March 19, 2024, within the Project study area.

Figure 4–2 shows the Existing Traffic Volumes. ***Appendix B*** contains the manual count sheets and ***Appendix C*** contains the signal timing plans.

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Figure 4-2
Existing Conditions Diagram

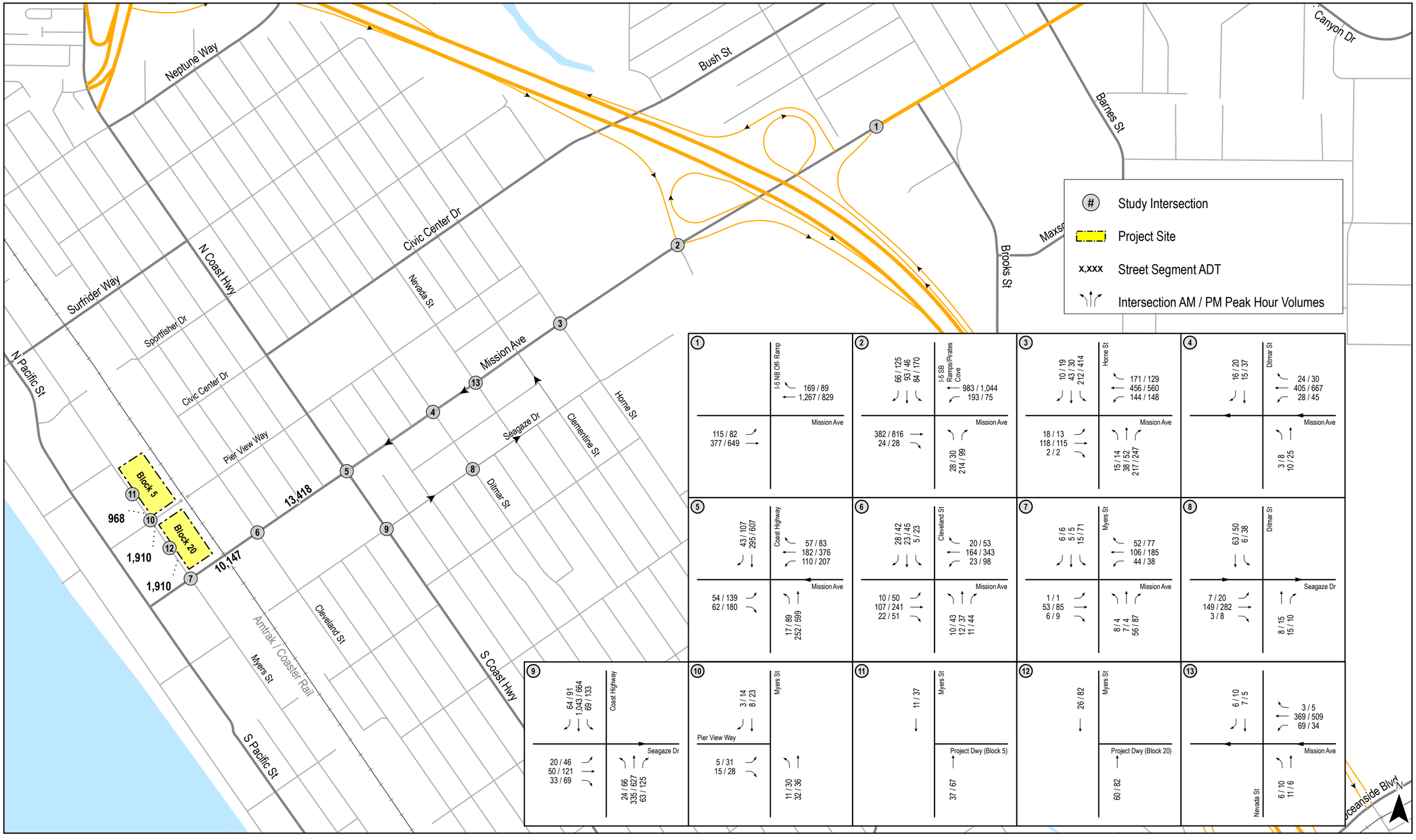

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Figure 4-2
Existing Traffic Volumes

5.0 ANALYSIS OF EXISTING CONDITIONS

5.1 Peak Hour Intersection Analysis

Table 5–1 summarizes the peak hour intersection operations under Existing Conditions. As shown, the study area intersections are calculated to currently operate acceptably at LOS C or better during the AM and PM peak hours.

Appendix E contains the Existing Conditions intersection analysis worksheets.

It should be noted that there is an existing operational deficiency at the intersection of Myers Street/Mission Avenue where right-turning trucks at the westbound to northbound approach of Mission Avenue have difficulty completing the maneuver if an opposing vehicle is stopped at the southbound approach of Myers Street. It is recommended that signage be installed on westbound Mission Avenue at Myers Street, prohibiting trucks from turning right onto Myers Street and directing trucks to instead proceed through the intersection and turn right at the adjacent Mission Avenue / N. Pacific Street intersection.

5.2 Daily Street Segment Operations

Table 5–2 summarizes the street segment operations under Existing Conditions. As shown, the study area street segments are calculated to currently operate acceptably at LOS C or better.

TABLE 5–1
EXISTING INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Existing	
			Delay [a]	LOS [b]
1. I-5 NB Off-Ramp & Mission Avenue	Unsignalized [c]	AM PM	- -	- -
2. I-5 SB Ramps / Pirates Cove & Mission Avenue	Signal	AM PM	18.6 11.4	B B
3. Horne Street & Mission Avenue	Signal	AM PM	24.7 30.7	C C
4. Ditmar Street & Mission Avenue	Signal	AM PM	11.4 11.5	B B
5. Coast Highway & Mission Avenue	Signal	AM PM	18.9 27.8	B C
6. Cleveland Street & Mission Avenue	Signal	AM PM	12.5 16.5	B B
7. Myers Street & Mission Avenue	Signal	AM PM	14.2 18.7	B B
8. Ditmar Street & Seagaze Drive	ASWC [d]	AM PM	8.0 8.9	A A
9. Coast Highway & Seagaze Drive	Signal	AM PM	10.7 17.0	B B
10. Myers Street & Pier View Way	AWSC	AM PM	7.1 7.5	A A
11. Myers Street & Project Driveway (Block 5)	DNE [e]	AM PM	- -	- -
12. Myers Street & Project Driveway (Block 20)	DNE [e]	AM PM	- -	- -
13. Mission Avenue & Nevada Street	TWSC [f]	AM PM	13.8 12.6	B B

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. All intersection movements are free or yield-control - No Synchro results reported.
d. AWCS = All Way Stop-Controlled intersection. Average delay reported.
e. Intersection does not exist under Existing conditions.
f. TWSC = Two Way Stop-Controlled intersection. Worst delay reported.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 5–2
EXISTING STREET SEGMENT OPERATIONS

Street Segment	Functional Classification	Capacity (LOS E) [a]	Existing		
			ADT[b]	LOS[c]	V/C[d]
Mission Avenue					
Coast Highway to Cleveland Street	Secondary Collector (4-lanes, no TWLTL)	25,000	13,418	B	0.537
Cleveland Street to Myers Street	Secondary Collector (4-lanes, no TWLTL)	25,000	10,147	A	0.406
Myers Street					
Project Dwy (Block 5) to Pier View Way	Local Street (unclassified) [e]	2,200	986	C	N/A
Pier View Way to Project Dwy (Block 20)	Local Street (unclassified)	2,200	1,910	C	N/A
Project Dwy (Block 20) to Mission Ave	Local Street (unclassified)	2,200	1,910	C	N/A

Footnotes:

a. Capacities based on City of Oceanside Roadway Classification Table.
b. Average Daily Traffic Volumes.
c. Level of Service.
d. Volume to Capacity ratio.
e. For unclassified local roadways, LOS and V/C need not be provided. 2,200 ADT is assumed LOS C capacity.

6.0 CUMULATIVE PROJECTS

6.1 Summary of Cumulative Projects

Cumulative projects are other projects in the study area that will add traffic to the local circulation system in the near future. Based on information from City of Oceanside staff, the following projects, presented in ***Table 6-1***, were identified for inclusion in the Near-Term cumulative analysis. ***Appendix D*** includes excerpts from the cumulative project's traffic studies.

Figure 6–1 shows the Cumulative Projects only traffic volumes on the Existing street network.

TABLE 6–1
CUMULATIVE PROJECTS

Project Name	Type of Development	Project Size	ADT
1) Seagaze (LLG #3316)	Multi-Family Residential Commercial / Retail	179 DU 1.581 KSF	1,327
2) 401 Mission Mixed Use (LLG #3618)	Multi-Family Residential Commercial / Retail	332 DU	827
3) 810/815 Mission Avenue (LLG #3864)	Multi-Family Residential Office	206 DU 2.2 KSF	680
4) Modera Melrose (LLG #3668)	Multi-Family Residential Hotel Commercial / Retail	360 DU 62 Rooms 5 KSF	1,966
5) Marriot Residence Inn (LLG #2702)	Hotel Expansion	37 Rooms	370
6) Oceanside Transit Center Redevelopment	Transit Center Hotel Multi-Family Residential Commercial / Retail	547 DU 85 KSF 170 Rooms	6,086
7) Alta Oceanside Mixed Use Project	Multi-Family Residential Commercial / Retail	309 DU 5,422 SF	2,504
8) Belvedere Hotel and Residence	Hotel Live/Work Lofts Retail / Office Space	124 Rooms 90 Lofts 8,357 SF	2,294
9) Coast Highway Starbucks	Coffee Shop	1,068 SF	611
10) Lot 23 Mixed-Use Project	Commercial / Retail Office Multi-Family Residential	9,400 SF 525 SF 52 DU	803
11) Pier View Way Mixed-Use	Multi-Family Residential Commercial / Retail	12 DU 2,000 SF	152
12) Sunsets Mixed-Use	Multi-Family Residential Commercial / Retail	180 DU 5 KSF	1,270

Continued Onto Next Page

TABLE 6–1
CUMULATIVE PROJECTS

Project Name	Type of Development	Project Size	ADT
13) Breeze Luxury Apartments	Multi-Family Residential	146 DU	876
14) 1602 S. Coast Highway	Multi-Family Residential Commercial / Retail	54 DU 3.244 KSF	390
15) 901 Pierview Way	Multi-Family Residential Commercial / Retail	64 DU 2.474 KSF	594
16) 810 Mission Avenue	Multi-Family Residential Office	206 DU 2.2 KSF	680
17) 1011 S. Tremont St. Condos	Multi-Family Residential	20 DU	160
18) S. Myers Street	Multi-Family Residential	6 DU	48
19) 920 South Cleveland Condos	Multi-Family Residential	3 DU	24
20) 1105 S. Cleveland Street	Multi-Family Residential	14 DU	112
21) 802 S Pacific Street Mixed-Use	Hotel Multi-Family Residential Commercial / Retail	10 DU 3 Rooms 1 KSF	198
22) Hardin Residence	Single-Family Residential	1 DU	0
23) 146 S. Myers Condominiums	Multi-Family Residential	4 DU	32
24) 119 South Ditmar Duplex	Single-Family Residential	1 DU	10
25) Fire Station 1	Fire Station	30 KSF	30
26) 702 N Freeman Mixed-use	Multi-Family Residential	5 DU	30
27) 701-713 N. Freeman Apartments	Multi-Family Residential	24 DU	144
28) Weidner Duplex	Single-Family Residential	1 DU	10
29) 624 N. Clementine St	Single-Family Residential	1 DU	10

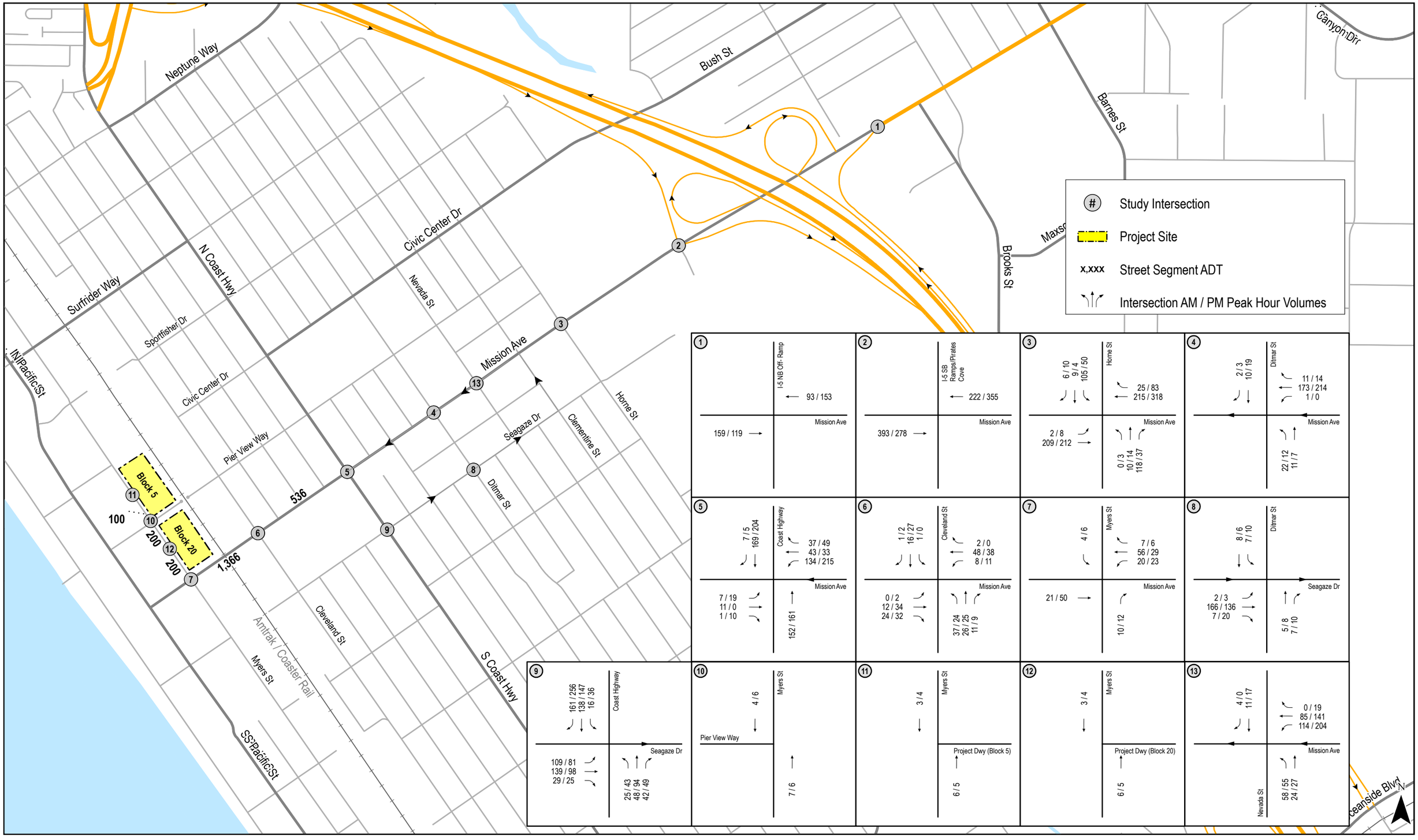

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Figure 6-1
Total Cumulative Traffic Volumes

7.0 TRIP GENERATION/DISTRIBUTION/ASSIGNMENT

7.1 Trip Generation

Trip generation rates were obtained from the Institute of Transportation Engineers (ITE) *Trip Generation Manual*, 11th Edition. The Project consists of residential and commercial retail space. The "Multifamily Housing (Mid-Rise) - Close to Rail Transit" (4.75 ADT / DU) trip rate was used to estimate the Project's residential trip generation. The proposed commercial spaces will consist of live-work commercial space, cowork commercial space, restaurants, and retail shops. The "General Office Building" trip rate was used to estimate the Project's trip generation for the live-work and cowork commercial space; the "Fast Casual Restaurant" trip rate was used to estimate the Project's trip generation for the restaurant space, and the "Variety Store" trip rate was used to estimate the Project's trip generation for the retail shop space.

Table 7–1 summarizes the trip generation for the Project. As shown in *Table 7–1*, the Project is calculated to generate 2,301 daily trips with 141 trips during the AM peak hour (90 inbound/ 51 outbound trips) and 179 trips during PM peak hour (75 inbound/ 104 outbound trips).

7.2 Trip Distribution and Assignment

Project traffic was distributed to the street system based on existing traffic patterns in the area, the Project's proximity to freeways and arterials, locations of retail, places of employment, schools, and other shopping opportunities, and the presence of one-way streets in the study area.

50% of the Project trips were assigned to the Block 5 Future Project Driveway and 50% of the Project trips were assigned to the Block 20 Future Project Driveway. This is because the two Blocks are similar in size and adjacent to each other.

Figure 7–1 shows the distribution of the Project trips within the Project study area. ***Figure 7–2*** shows the Project traffic volumes. ***Figure 7-3*** shows the Existing + Project traffic volumes.

TABLE 7–1
PROJECT TRIP GENERATION

Use	Quantity	Daily Trip Ends (ADT)[a]		AM Peak Hour					PM Peak Hour				
		Rate [b]	Volume	Rate [b]	In:Out Split	Volume			Rate [b]	In:Out Split	Volume		
						In	Out	Total			In	Out	Total
Block 5													
Cowork Commercial[c]	0.886 KSF	[d]	19	[e]	88:12	3	0	3	[f]	17:83	1	2	3
Restaurant[g]	2.330 KSF[h]	97.14/KSF	226	1.43/KSF	50:50	2	1	3	[i]	55:45	14	12	26
Live-Work Commercial[c]	4.652 KSF	[d]	80	[e]	88:12	11	1	12	[f]	17:83	2	11	13
Multifamily Housing (Mid-Rise)[j]	193 DU	4.75/DU	917	[k]	56:44	34	27	61	[l]	43:57	24	32	56
Block 20													
Café[g]	0.927 KSF[m]	97.14/KSF	90	1.43/KSF	50:50	1	0	1	[i]	55:45	1	0	1
Cowork Commercial[c]	0.973 KSF	[d]	21	[e]	88:12	3	0	3	[f]	17:83	1	3	4
Restaurant[g]	2.467 KSF[n]	97.14/KSF	240	1.43/KSF	50:50	2	2	4	[i]	55:45	15	13	28
Retail Shop[o]	0.410 KSF	63.66/KSF	26	3.04/KSF	55:45	1	0	1	6.7/KSF	51:49	1	2	3
Live-Work Commercial[c]	4.761 KSF	[d]	82	[e]	88:12	11	1	12	[f]	17:83	2	11	13
Multifamily Housing (Mid-Rise)[j]	180 DU	4.75/DU	855	[k]	56:44	32	25	57	[l]	43:57	22	30	52
Reductions													
Mixed Use (10% Reduction)[p]			256			10	6	16			8	12	20
Net Total			**2,301**			**90**	**51**	**141**			**75**	**104**	**179**

Footnotes:

a. Average Daily Trips.
b. Trip Generation Rate from *ITE Trip Generation Manual*, 11th Edition.
c. Land Use 710 - General Office Building
d. Trips = 0.87Ln(X)+3.05
e. Trips = 0.86Ln(X)+1.16
f. Trips = 0.83Ln(X)+1.29
g. Land Use 930 - Fast Casual Restaurant
h. 1,435 SF of indoor restaurant space and 895 SF of outdoor restaurant space
i. Trips = 17.96(X) - 15.94
j. Land Use 221 - Multifamily Housing (Mid-Rise) - Close to Rail Transit
k. Trips = 0.31(X)+1.06
l. Trips = 0.29(X)-0.09
m. 527 SF of indoor cafe space and 400 SF of outdoor cafe space
n. 1,727 SF of indoor restaurant space and 740 SF of outdoor restaurant space
o. Land Use 814 - Variety Store
p. Mixed-Use Reduction Rate is based on *SANDAG's (Not so) Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region*, April 2002.

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Figure 7-1
Project Traffic Distribution

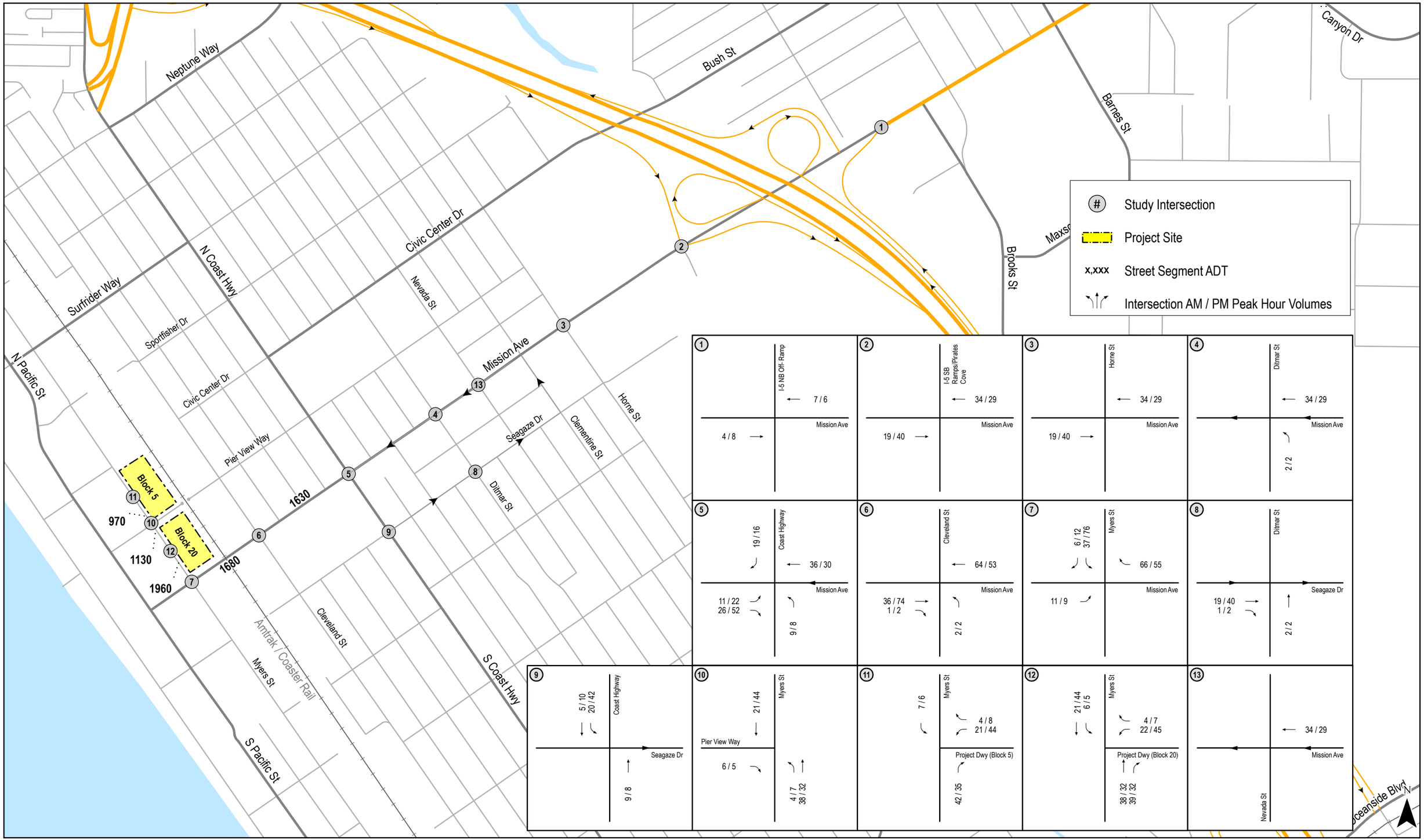

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Figure 7-2
Project Traffic Volumes

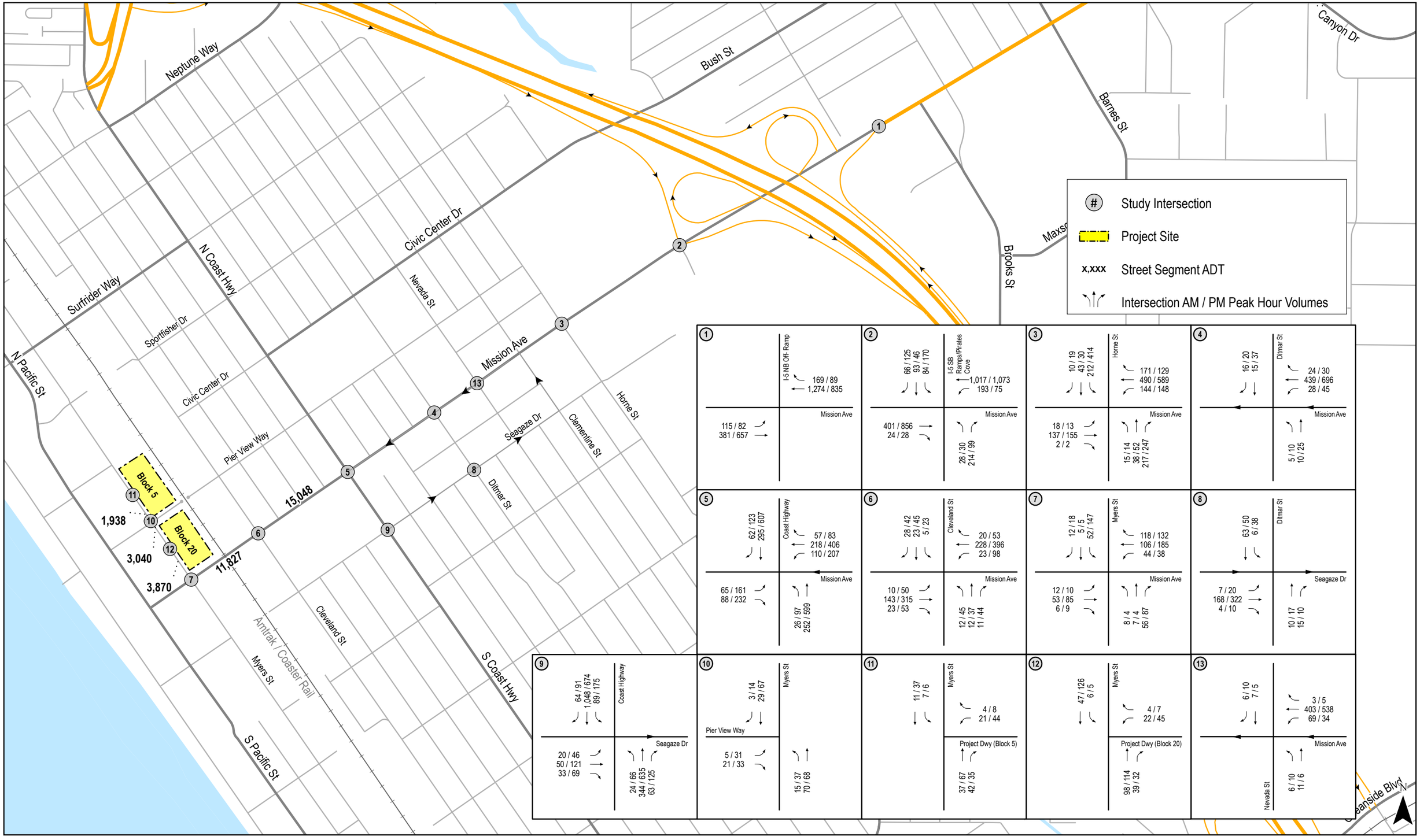

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Figure 7-3
Existing + Project Traffic Volumes

8.0 ANALYSIS OF EXISTING + PROJECT CONDITIONS

8.1 Peak Hour Intersection Analysis

Table 8–1 summarizes the peak hour intersection operations under Existing + Project conditions. As shown, the study area intersections are calculated to continue to operate acceptably at LOS C or better during the AM and PM peak hours with the addition of Project trips and therefore, based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, intersection improvements are not required.

Appendix F contains the Existing + Project intersection analysis worksheets.

8.2 Daily Street Segment Operations

Table 8–2 summarizes the street segment operations under Existing + Project conditions. As shown, the study area street segments are calculated to continue to operate acceptably at LOS C or better with the addition of Project trips and therefore, based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, roadway improvements are not required.

TABLE 8–1
EXISTING + PROJECT INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Existing		Existing + Project		Delay Δ [c]	Impact?
			Delay [a]	LOS [b]	Delay	LOS		
1. I-5 NB Off-Ramp & Mission Avenue	Unsignalized [d]	AM	-	-	-	-	-	No
		PM	-	-	-	-	-	
2. I-5 SB Ramps / Pirates Cove & Mission Avenue	Signal	AM	18.6	B	18.9	B	0.3	No
		PM	11.4	B	11.7	B	0.3	
3. Horne Street & Mission Avenue	Signal	AM	24.7	C	24.9	C	0.2	No
		PM	30.7	C	31.3	C	0.6	
4. Ditmar Street & Mission Avenue	Signal	AM	11.4	B	11.5	B	0.1	No
		PM	11.5	B	11.7	B	0.2	
5. Coast Highway & Mission Avenue	Signal	AM	18.9	B	20.6	C	1.7	No
		PM	27.8	C	32.1	C	4.3	
6. Cleveland Street & Mission Avenue	Signal	AM	12.5	B	12.7	B	0.2	No
		PM	16.5	B	16.5	B	0.0	
7. Myers Street & Mission Avenue	Signal	AM	14.2	B	14.7	B	0.5	No
		PM	18.7	B	20.1	C	1.4	
8. Ditmar Street & Seagaze Drive	ASWC [e]	AM	8.0	A	8.1	A	0.1	No
		PM	8.9	A	9.2	A	0.3	
9. Coast Highway & Seagaze Drive	Signal	AM	10.7	B	11.1	B	0.4	No
		PM	17.0	B	18.1	B	1.1	
10. Myers Street & Pier View Way	AWSC	AM	7.1	A	7.4	A	0.3	No
		PM	7.5	A	7.8	A	0.3	
11. Myers Street & Project Driveway (Block 5) [h]	MSSC [f]	AM	-	-	9.0	A	-	No
		PM	-	-	9.5	A	-	
12. Myers Street & Project Driveway (Block 20) [h]	MSSC	AM	-	-	9.6	A	-	No
		PM	-	-	10.4	B	-	
13. Mission Avenue & Nevada Street	TWSC [g]	AM	13.8	B	14.3	B	0.5	No
		PM	12.6	B	12.9	B	0.3	

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes the increase in delay due to Project.
d. All intersection movements are free or yield-control - No Synchro results reported.
e. AWCS = All Way Stop-Controlled intersection. Average delay reported.
f. MSSC = Minor Street Stop-Controlled intersection. Worst delay reported.
g. TWSC = Two Way Stop-Controlled intersection. Worst delay reported.
h. Intersection does not exist under "without Project" conditions.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 8-2
EXISTING + PROJECT STREET SEGMENT OPERATIONS

Street Segment	Capacity (LOS E) [a]	Existing			Existing + Project			V/C Δ [d]	Impact?
		ADT[b]	LOS[c]	V/C	ADT	LOS	V/C		
Mission Avenue									
Coast Highway to Cleveland Street	25,000	13,418	B	0.537	15,048	C	0.602	0.065	No
Cleveland Street to Myers Street	25,000	10,147	A	0.406	11,827	B	0.473	0.067	No
Myers Street									
Project Dwy (Block 5) to Pier View Way	2,200 [e]	968	C	N/A	1,938	C	N/A	-	No
Pier View Way to Project Dwy (Block 20)	2,200	1,910	C	N/A	3,040	C	N/A	-	No
Project Dwy (Block 20) to Mission Ave	2,200	1,910	C	N/A	3,870	C	N/A	-	No

Footnotes:
a. Capacities based on City of Oceanside Roadway Classification Table.
b. Average Daily Traffic Volumes.
c. Level of Service
d. Δ denotes the increase in V/C due to Project.
e. For unclassified local roadways, LOS and V/C need not be provided. 2,200 ADT is assumed LOS C capacity.

9.0 ANALYSIS OF NEAR-TERM CONDITIONS

The following section presents the analysis of study area intersections and street segments under Near-Term conditions without and with the proposed Project.

9.1 Near-Term Traffic Volumes

Near-Term without Project traffic volumes were calculated by adding the cumulative projects traffic volumes onto the Existing traffic volumes. Near-Term + Project traffic volumes were calculated by adding the Project traffic volumes.

Figure 9–1 shows the Near-Term traffic volumes. ***Figure 9–2*** shows the Near-Term + Project traffic volumes.

9.2 Near-Term without Project Conditions

9.2.1 *Peak Hour Intersection Analysis*

Table 9–1 summarizes the peak hour intersection operations under Near-Term conditions. As shown, the study area intersections are calculated to operate acceptably at LOS D or better during the AM and PM peak hours, with the exception of the following:

- Intersection #3: Mission Avenue / Horne Street – LOS E (PM Peak Hour)
- Intersection #13: Mission Avenue / Nevada Street – LOS E (AM/PM Peak Hour)

Appendix G contains the Near-Term intersection analysis worksheets.

9.2.2 *Daily Street Segment Operations*

Table 9–2 summarizes the street segment operations under Near-Term conditions. As shown, the study area street segments are calculated to operate acceptably at LOS C or better.

9.3 Near-Term + Project Conditions

9.3.1 *Peak Hour Intersection Analysis*

Table 9–1 summarizes the peak hour intersection operations under Near-Term + Project conditions. As shown, the study area intersections are calculated to continue to operate acceptably at LOS C or better during the AM and PM peak hours with the addition of Project trips, with the exception of the following:

- Intersection #3: Mission Avenue / Horne Street – LOS E (PM Peak Hour)
- **Intersection #13: Mission Avenue / Nevada Street – LOS E/F (AM/PM Peak Hour)**

Based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, roadway improvements are required at Intersection #13 (Mission Avenue / Nevada Street). Improvements to address the operational deficiency at this intersection are discussed in *Section 13.0*. No improvements are required at Intersection #3 (Mission Avenue / Horne Street).

Appendix H contains the Near-Term + Project intersection analysis worksheets.

9.3.2 *Daily Street Segment Operations*

Table 9–2 summarizes the street segment operations under Near-Term + Project conditions. As shown, the study area street segments are calculated to continue to operate acceptably at LOS D or better with the addition of Project trips and therefore, based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, roadway improvements are not required.

TABLE 9–1
NEAR TERM INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Near Term		Near Term + Project		Delay Δ [c]	Impact?
			Delay [a]	LOS [b]	Delay	LOS		
1. I-5 NB Off-Ramp & Mission Avenue	Unsignalized [d]	AM PM	- -	- -	- -	- -	- -	No
2. I-5 SB Ramps / Pirates Cove & Mission Avenue	Signal	AM PM	25.8 14.5	C B	26.2 15.2	C B	0.4 0.7	No
3. Horne Street & Mission Avenue	Signal	AM PM	36.1 57.0	D E	37.3 57.2	D E	1.2 0.2	No
4. Ditmar Street & Mission Avenue	Signal	AM PM	11.7 14.5	B B	12.0 15.2	B B	0.3 0.7	No
5. Coast Highway & Mission Avenue	Signal	AM PM	22.5 46.6	C D	24.4 49.6	C D	1.9 3.0	No
6. Cleveland Street & Mission Avenue	Signal	AM PM	12.4 17.6	B B	12.7 17.8	B B	0.3 0.2	No
7. Myers Street & Mission Avenue	Signal	AM PM	14.7 19.3	B B	15.1 20.5	B C	0.4 1.2	No
8. Ditmar Street & Seagaze Drive	ASWC [e]	AM PM	9.1 10.1	A B	9.3 10.5	A B	0.2 0.4	No
9. Coast Highway & Seagaze Drive	Signal	AM PM	21.0 28.4	C C	21.3 30.2	C C	0.3 1.8	No
10. Myers Street & Pier View Way	AWSC	AM PM	7.2 7.5	A A	7.5 7.9	A A	0.3 0.4	No
11. Myers Street & Project Driveway (Block 5) [h]	MSSC [f]	AM PM	- -	- -	9.1 9.5	A A	- -	No
12. Myers Street & Project Driveway (Block 20) [h]	MSSC	AM PM	- -	- -	9.7 10.5	A B	- -	No
13. Mission Avenue & Nevada Street	TWSC [g]	AM PM	**45.6** **48.4**	**E** **E**	**50.4** **51.9**	**F** **F**	**4.8** **3.5**	**Yes**

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes the increase in delay due to Project.
d. All intersection movements are free or yield-control - No Synchro results reported.
e. AWCS = All Way Stop-Controlled intersection. Average delay reported.
f. MSSC = Minor Street Stop-Controlled intersection. Worst delay reported.
g. TWSC = Two Way Stop-Controlled intersection. Worst delay reported.
h. Intersection does not exist under "without Project" conditions.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 9-2
NEAR-TERM STREET SEGMENT OPERATIONS

Street Segment	Capacity (LOS E) [a]	Near-Term			Near-Term + Project			V/C Δ [c]	Impact?
		ADT[b]	LOS[c]	V/C	ADT	LOS	V/C		
Mission Avenue									
Coast Highway to Cleveland Street	25,000	13,954	C	0.558	15,584	C	0.623	0.065	No
Cleveland Street to Myers Street	25,000	11,513	B	0.461	13,193	C	0.528	0.067	No
Myers Street									
Project Dwy (Block 5) to Pier View Way	2,200 [e]	1,068	C	N/A	2,038	C	N/A	-	No
Pier View Way to Project Dwy (Block 20)	2,200	2,110	C	N/A	3,240	C	N/A	-	No
Project Dwy (Block 20) to Mission Ave	2,200	2,110	C	N/A	4,070	C	N/A	-	No

Footnotes:

a. Capacities based on City of Oceanside Roadway Classification Table.
b. Average Daily Traffic Volumes.
c. Level of Service
d. Δ denotes the increase in V/C due to Project.
e. For unclassified local roadways, LOS and V/C need not be provided. 2,200 ADT is assumed LOS C capacity.

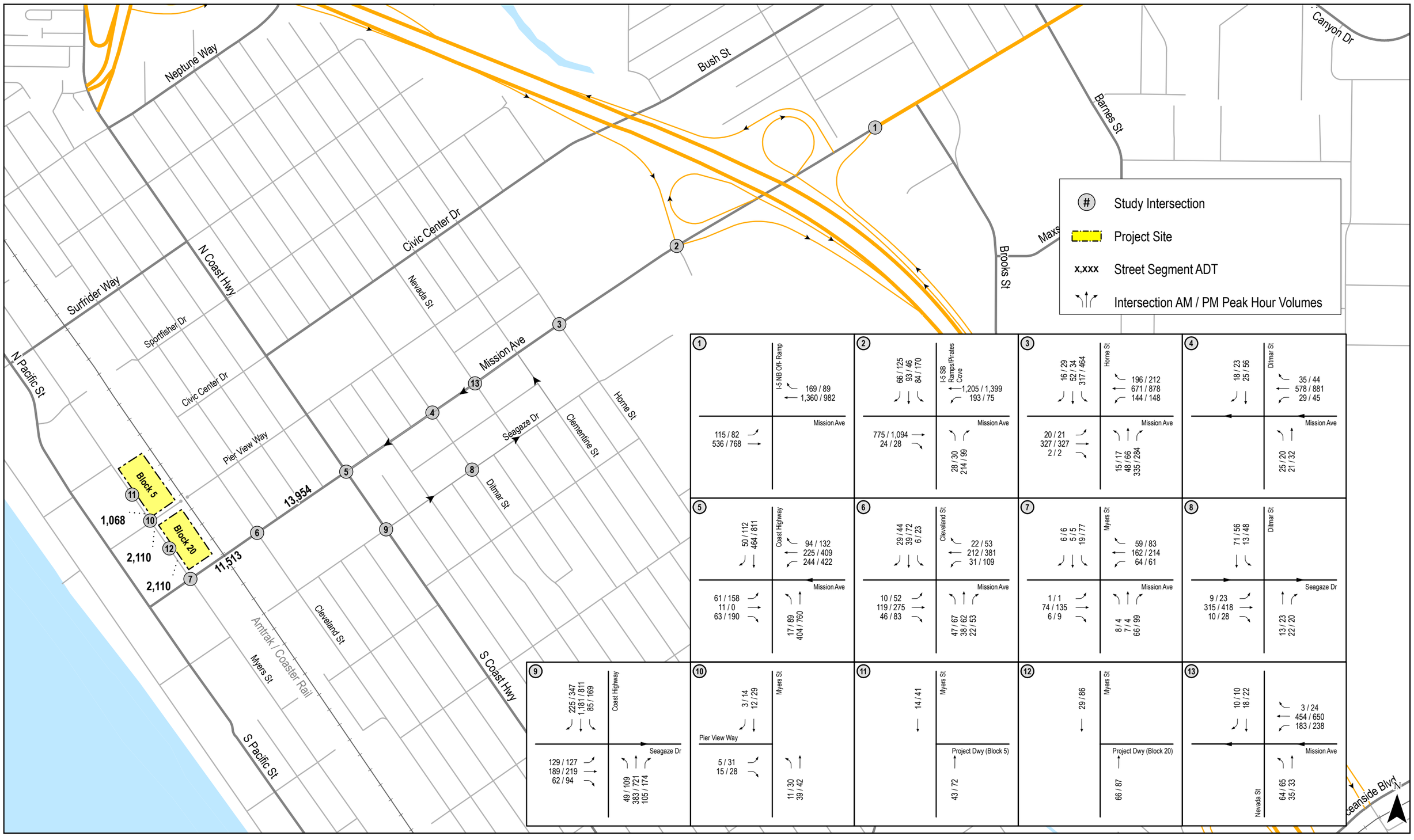

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Figure 9-1
Near-Term Traffic Volumes

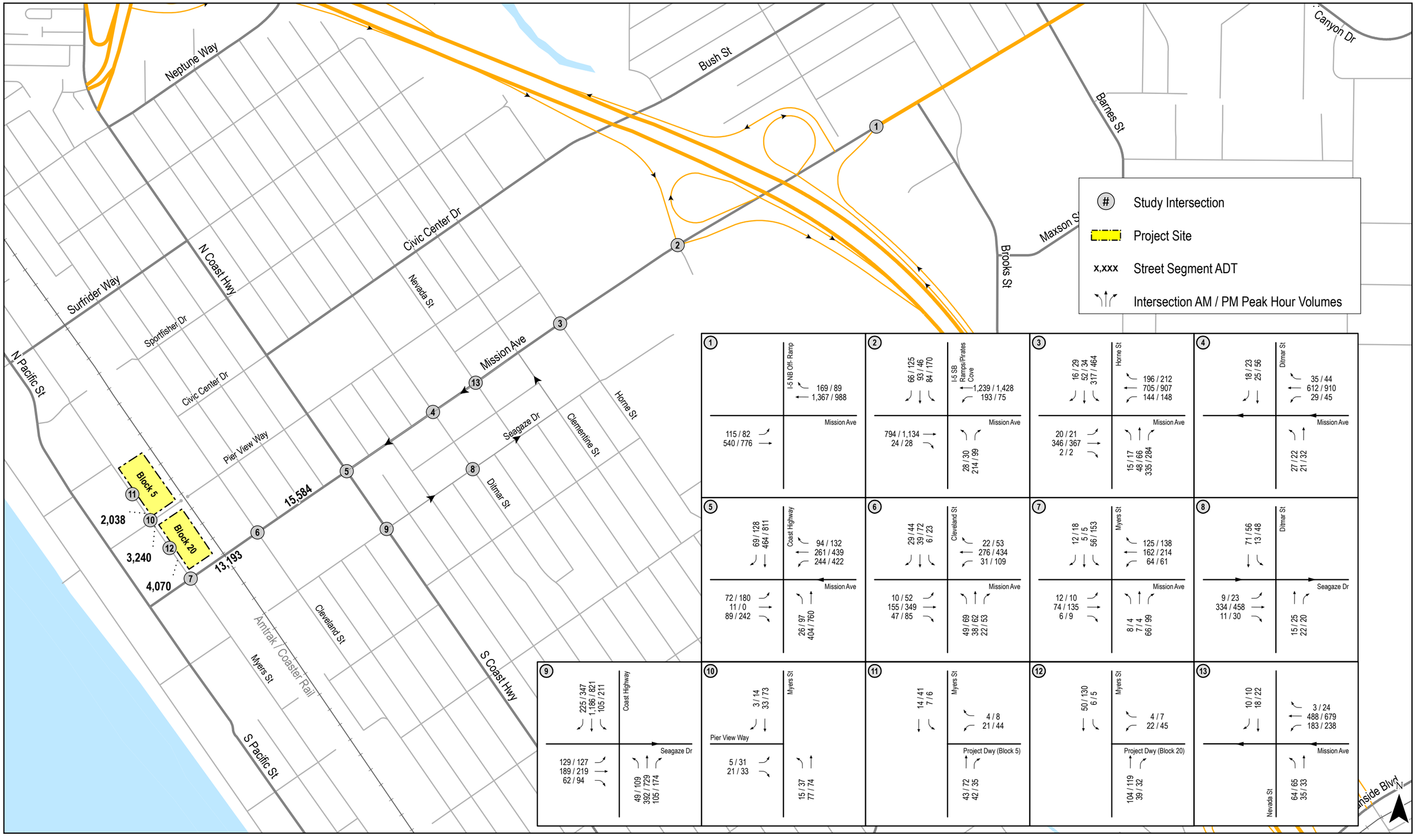

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Figure 9-2
Near-Term + Project Traffic Volumes

10.0 ANALYSIS OF BUILDOUT (2050) CONDITIONS

The following section presents the analysis of study area intersections and street segments under Buildout (2050) conditions without and with the proposed Project.

10.1 Buildout Conditions & Traffic Volumes

Future traffic volumes for Buildout conditions (Year 2050) were calculated using a combination of sources including the City of Oceanside 2050 Traffic Model, the *Oceanside Transit Center Redevelopment Project Local Transportation Study* prepared by Stantec, and a 29% average traffic growth factor applied to existing traffic volumes (calculated by Intersecting Metrics), consistent with other recent studies conducted in the area.

The Buildout Year 2050 traffic volume forecast for the study intersections was calculated utilizing the City of Oceanside 2050 Traffic Model. Additionally, for any intersections not included in the Model, a combination of the *Oceanside Transit Center Redevelopment Project Local Transportation Study* prepared by Stantec and a 29% growth factor was utilized to forecast the Buildout Year 2050 traffic volumes.

The City of Oceanside 2050 Traffic Model generally includes data for arterial roadways as depicted in the City's Circulation Element. As a result, the City of Oceanside 2050 Traffic Model was used as the source for the buildout volumes along the Mission Avenue study segments.

For collector and local streets in the immediate vicinity of the Project site that aren't included in either the Model or the *Oceanside Transit Center Redevelopment Project Local Transportation Study* prepared by Stantec, a 29% growth factor was applied to the existing traffic volumes to calculate the Buildout Year 2050 volumes as directed by Intersecting Metrics.

For the purposes of the analysis, no roadway network improvements were assumed to be in place under Buildout conditions.

Figure 10–1 shows the Buildout (2050) traffic volumes. ***Figure 10–2*** shows the Buildout + Project traffic volumes.

10.2 Buildout without Project Conditions

10.2.1 *Peak Hour Intersection Analysis*

Table 10–1 summarizes the peak hour intersection operations under Buildout conditions. As shown, the study area intersections are calculated to operate acceptably at LOS D or better during the AM and PM peak hours with the exception of following:

- Intersection #3: Mission Avenue / Horne Street – LOS E (AM/PM Peak Hour)
- Intersection #5: Mission Avenue / Coast Highway – LOS E (PM Peak Hour)

Appendix I contains the Buildout intersection analysis worksheets.

10.2.2 *Daily Street Segment Operations*

Table 10–2 summarizes the street segment operations under Buildout conditions. As shown, the study area street segments are calculated to operate acceptably at LOS C.

10.3 Buildout + Project Conditions

10.3.1 *Peak Hour Intersection Analysis*

Table 10–1 summarizes the peak hour intersection operations under Buildout + Project conditions. As shown, the study area intersections are calculated to continue to operate acceptably at LOS D or better during the AM and PM peak hours with the addition of Project trips with the exception of the following:

- Intersection #3: Mission Avenue / Horne Street – LOS E (AM/PM Peak Hour)
- Intersection #5: Mission Avenue / Coast Highway – LOS E (PM Peak Hour)

Based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, intersection improvements are not required under Buildout conditions.

Appendix J contains the Buildout + Project intersection analysis worksheets.

10.3.2 *Daily Street Segment Operations*

Table 10–2 summarizes the street segment operations under Buildout + Project conditions. As shown, the study area street segments are calculated to continue to operate acceptably at LOS C or better with the addition of Project trips and therefore, based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, roadway improvements are not required.

TABLE 10–1
BUILDOUT INTERSECTION OPERATIONS

Intersection	Control Type	Peak Hour	Buildout		Buildout + Project		Delay Δ [c]	Impact?
			Delay [a]	LOS [b]	Delay	LOS		
1. I-5 NB Off-Ramp & Mission Avenue	Unsignalized [d]	AM	-	-	-	-	-	No
		PM	-	-	-	-	-	
2. I-5 SB Ramps / Pirates Cove & Mission Avenue	Signal	AM	49.4	D	49.4	D	0.0	No
		PM	41.6	D	42.7	D	1.1	
3. Horne Street & Mission Avenue	Signal	AM	68.0	E	69.1	E	1.1	No
		PM	55.4	E	57.3	E	1.9	
4. Ditmar Street & Mission Avenue	Signal	AM	12.0	B	12.4	B	0.4	No
		PM	14.2	B	14.8	B	0.6	
5. Coast Highway & Mission Avenue	Signal	AM	23.5	C	25.7	C	2.2	No
		PM	66.6	E	67.4	E	0.8	
6. Cleveland Street & Mission Avenue	Signal	AM	13.1	B	13.3	B	0.2	No
		PM	25.3	C	25.7	C	0.4	
7. Myers Street & Mission Avenue	Signal	AM	15.9	B	16.6	B	0.7	No
		PM	23.3	C	25.3	C	2.0	
8. Ditmar Street & Seagaze Drive	ASWC [e]	AM	8.8	A	8.9	A	0.1	No
		PM	10.1	B	10.4	B	0.3	
9. Coast Highway & Seagaze Drive	Signal	AM	23.9	C	26.3	C	2.4	No
		PM	33.6	C	35.3	D	1.7	
10. Myers Street & Pier View Way	AWSC	AM	7.2	A	7.5	A	0.3	No
		PM	7.6	A	8.1	A	0.5	
11. Myers Street & Project Driveway (Block 5) [h]	MSSC [f]	AM	-	-	9.1	A	-	No
		PM	-	-	9.7	A	-	
12. Myers Street & Project Driveway (Block 20) [h]	MSSC	AM	-	-	9.8	A	-	No
		PM	-	-	10.8	B	-	
13. Mission Avenue & Nevada Street	TWSC [g]	AM	17.3	C	18.0	C	0.7	No
		PM	17.6	C	18.2	C	0.6	

Footnotes:

a. Average delay expressed in seconds per vehicle.
b. Level of Service.
c. Δ denotes the increase in delay due to Project.
d. All intersection movements are free or yield-control - No Synchro results reported.
e. AWCS = All Way Stop-Controlled intersection.
   Average delay reported.
f. MSSC = Minor Street Stop-Controlled intersection. Worst delay reported.
g. TWSC = Two Way Stop-Controlled intersection. Worst delay reported.
h. Intersection does not exist under "without Project" conditions.

SIGNALIZED		UNSIGNALIZED	
DELAY/LOS THRESHOLDS		DELAY/LOS THRESHOLDS	
Delay	LOS	Delay	LOS
0.0 ≤ 10.0	A	0.0 ≤ 10.0	A
10.1 to 20.0	B	10.1 to 15.0	B
20.1 to 35.0	C	15.1 to 25.0	C
35.1 to 55.0	D	25.1 to 35.0	D
55.1 to 80.0	E	35.1 to 50.0	E
≥ 80.1	F	≥ 50.1	F

TABLE 10–2
BUILDOUT 2050 STREET SEGMENT OPERATIONS

Street Segment	Capacity (LOS E) [a]	Buildout			Buildout + Project			V/C Δ [c]	Impact?
		ADT[b]	LOS[c]	V/C	ADT	LOS	V/C		
Mission Avenue									
Coast Highway to Cleveland Street	25,000	14,045	C	0.562	15,675	C	0.627	0.065	No
Cleveland Street to Myers Street	25,000	10,785	B	0.431	12,465	B	0.499	0.067	No
Myers Street									
Project Dwy (Block 5) to Pier View Way	2,200 [e]	1,249	C	N/A	2,219	C	N/A	-	No
Pier View Way to Project Dwy (Block 20)	2,200	2,464	C	N/A	3,594	C	N/A	-	No
Project Dwy (Block 20) to Mission Ave	2,200	2,464	C	N/A	4,424	C	N/A	-	No

Footnotes:

a. Capacities based on City of Oceanside Roadway Classification Table.
b. Average Daily Traffic Volumes.
c. Level of Service
d. Δ denotes the increase in V/C due to Project.
e. For unclassified local roadways, LOS and V/C need not be provided. 2,200 ADT is assumed LOS C capacity.

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Figure 10-1
Buildout Traffic Volumes

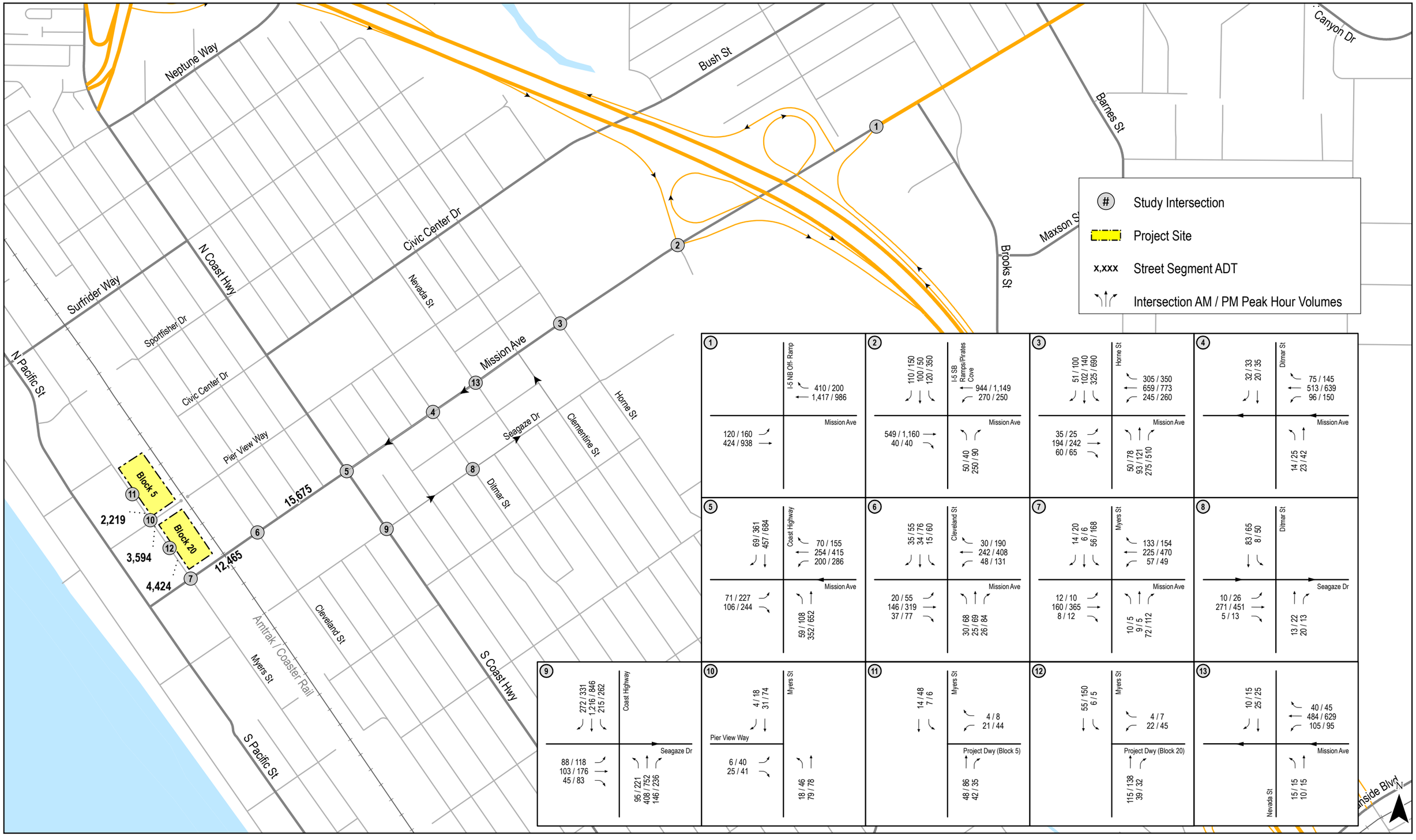

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Figure 10-2
Buildout + Project Traffic Volumes

11.0 PEDESTRIAN, TRANSIT AND BICYCLE MOBILITY

11.1 Bicycle Access

There are currently no bicycle facilities along Myers Street. However, bicycles may utilize the existing Pier View Way pedestrian underpass, which will bisect the two buildings, to access the site. Additionally, there are currently Class III bike route on Mission Avenue and Cleveland Street in the vicinity of the Project site, consistent with the *Oceanside General Plan Circulation Element*, September 2012.

Per the *City of Oceanside Bike Master Plan,* 2017 Update, no bicycle facilities are planned within the immediate vicinity of the Project site. However, Class III bike routes are recommended along Horne Street between Surfrider Way and Grant Street, and on Surfrider Way between Pacific Street and Horne Street.

The Project will provide 40 bicycle parking spaces to Block 5, and 40 bicycle parking spaces to Block 20.

11.2 Pedestrian Access

Sidewalks are provided on both sides of the street along the following roadways: Mission Avenue, Coast Highway, Cleveland Street, and Myers Street.

Pedestrian access to the site will be provided via Myers Street. Additionally, the existing Pier View Way pedestrian underpass will bisect the two proposed Project buildings and provide pedestrian access to the site. The enhanced streetscapes at the ground level are intended to create a cohesive corridor along Mission Avenue and Myers Street and tie into the adjacent plaza and pedestrian corridor at Pier View Way.

11.3 Transit Access

The Project is located approximately 0.3 miles from the Oceanside Transit Center, a major railway interchange serving both intercity and suburban/commuter services. The station is used by Amtrak on the route of its Pacific Surfliner service between San Diego and San Luis Obispo. It is also a terminus for two different regional transit operators - Metrolink, the commuter rail operator for the Los Angeles area, has two of its services, the Metrolink Orange County Line and Inland Empire-Orange County Line, that terminate at the Oceanside Transit Center, while the North County Transit District (NCTD), the operator for most of the public transport in North San Diego County, has its COASTER and SPRINTER services also terminating at the Oceanside Transit Center. The Oceanside Transit Center is also served by Greyhound Lines and numerous BREEZE buses.

11.3.1 *North County Transit District (NCTD)*

NCTD Bus routes 101, 302, 303, 313 and 318 operate from the Oceanside Transit Center. A summary of these bus routes is provided below.

- **Route 101** travels from the Oceanside Transit Center to the UTC Transit Center and travels along Coast Highway within the study area. This route provides 30-minute headways during weekday hours.
- **Route 302** travels from the Oceanside Transit Center to the Vista Transit Center and travels along Coast Highway within the study area. This route provides 30-minute headways during weekday hours.
- **Route 303** travels from the Oceanside Transit Center to the Vista Transit Center and travels along Mission Avenue within the study area. This route provides 15-minute headways during weekday hours.
- **Route 313** travels from the Oceanside Transit Center to the San Luis Rey Transit Center. Route 313 serves the following major corridors: Mission Avenue, Division Street, Mesa Drive, and Rancho Del Oro. Route 313 has a weekday frequency of 15 minutes.
- **Route 318** travels from the Oceanside Transit Center to the Vista Transit Center. There are 52 stops along this route. It operates on weekdays from approximately 5 AM to 7 PM. On Saturdays, it operates from approximately 6 AM to 7 PM. Services are at 45-minute frequencies.

11.3.2 *Sprinter*

The sprinter operates east / west between the Oceanside Transit Center and the Escondido Transit Center on all weekdays, except holidays. Monday-Thursday services are at 30-minute frequency from approximately 4 AM to 9:30 PM. Friday service is at 30-minute frequency with extended hours from approximately 4 AM to 12:30 AM. The nearest trolley stop is located at Oceanside Transit Center, south of Seagaze Drive, within a walking distance of 150 feet from the Project Driveway.

11.3.3 *Coaster*

The Coaster runs from the Oceanside Transit Center to the Santa Fe Depot via Coast Highway from 5:03 AM through 5:41 PM Monday through Friday traveling southbound. The COASTER runs from 6:15 AM to 7:13 PM Monday through Friday traveling northbound. The weekend schedule starts at 8:20 AM and runs through 5:21 PM traveling southbound and starts at 9:35 AM and runs through 7:10 PM traveling northbound. Weekday schedules include 1-hour headways. Weekend schedules include 3-hour headways.

12.0 SITE ACCESS REVIEW AND PARKING SUMMARY

12.1 Site Access Review

Primary site access for both Blocks 5 & 20 will be off Myers Street with each building served by one point of entry for its respective parking garage. The driveways are calculated to operate acceptably at LOS B or better under all analyzed scenarios.

12.2 Parking Summary

Parking will be provided on one level of subterranean parking and two levels of above grade parking in each building. The parking garages will have secured gates to separate resident parking from visitor and commercial parking. An existing loading area along Myers Street will remain and the buildings will also provide interior space within the garages and near the elevators to provide for off-street loading/unloading activities.

The Project requires the provision of 240 parking spaces for Block 5 and 240 parking spaces for Block 20, for a total of 480 parking spaces. The Project will provide 276 parking spaces for Block 5 and 284 parking spaces for Block 20 for a total of 560 parking spaces, a surplus of 80 spaces compared to the requirements set forth in the City of Oceanside *Comprehensive Zoning Ordinance*, the State of California Government Code 65915 Density Bonuses, and the California Building Code

Table 12-1 summarizes the parking calculations.

TABLE 12-1
PARKING CALCULATIONS

Use	Ordinance	Amount	Parking Rate[a]	Parking Required	Parking Provided
Residential Parking					
Block 5	Gov. Code Section 65915 (P)	63 Studio DU 82 One-Bed DU 48 Two-Bed DU	1 per DU 1 per DU 1.5 per DU	63 82 72 ***217 Total***	253
Block 20		67 Studio DU 66 One-Bed DU 47 Two-Bed DU	1 per DU 1 per DU 1.5 per DU	67 66 71 ***204 Total***	248
Retail Parking					
Block 5	OZO 3103 OZO 1231 OZO 1232 (W) 4-5	1,435 SF x 65% assumed seating area = 933 SF	1 per 50 SF of seating area (restaurant)	19	19
		886 SF	1 per 200 SF of retail sales	4	4
Block 20		2,254 SF x 65% assumed seating area = 1,465 SF	1 per 50 SF of seating area (restaurant)	29	29
		1,383 SF	1 per 200 SF of retail sales	7	7
Visitor Parking[b]					
Block 5	Gov. Code Section 65915 (P)	N/A	0	0	0
Block 20		N/A	0	0	0
Accessible Parking[c]					
Block 5	CBC 1109A	253 assigned resident spaces 23 unassigned visitor/retail spaces	2% of assigned spaces 5% of unassigned spaces	6 2 *8 Total*	8
Block 20		248 assigned resident spaces 36 unassigned visitor / retail spaces	2% of assigned spaces 5% of unassigned spaces	5 2 *7 Total*	7
			Total Required Parking Spaces	***480***	
			Total Provided Parking Spaces	***560***	
			Parking Surplus	***80 Spaces***	

Footnotes:

a. Per City of Oceanside Comprehensive Zoning Ordinance, State of California Government Code 65915 Density Bonuses, and California Building Code

b. Surplus spaces may be allocated at Ownership's discretion (i.e. Visitor Parking)

c. Accessible Parking Spaces included in Residential Parking

13.0 CONCLUSIONS AND RECOMMENDATIONS

Per the City of Oceanside's thresholds for the determination of the need for roadway improvements, and the analysis methodology presented in this report, the increase in Project related delay exceeds the allowable thresholds at the following intersection under Near-Term conditions.

- Intersection #13: Mission Avenue / Nevada Street

The following improvement is recommended to address the Near-Term operational deficiency at this intersection:

- *Mission Avenue / Nevada Street:* It is recommended that the Project contribute a fair share towards the potential signalization of this intersection as calculated under a separate cover and included as ***Appendix K***.

Based on the City of Oceanside's traffic thresholds and methodology summarized in *Section 3.4*, improvements at the intersection listed above are not required under Existing or Buildout conditions.

Additionally, an existing operational deficiency is noted at the intersection of Myers Street/Mission Avenue where right-turning trucks at the westbound to northbound approach of Mission Avenue have difficulty completing the maneuver if an opposing vehicle is stopped at the southbound approach of Myers Street. It is recommended that signage be installed on westbound Mission Avenue at Myers Street, prohibiting trucks from turning right onto Myers Street and directing trucks to instead proceed through the intersection and turn right at the adjacent Mission Avenue / N. Pacific Street intersection.

The Project requires the provision of 240 parking spaces for Block 5 and 240 parking spaces for Block 20, for a total of 480 parking spaces. The Project will provide 276 parking spaces for Block 5 and 284 parking spaces for Block 20 for a total of 560 parking spaces, a surplus of 80 spaces compared to the requirements set forth in the City of Oceanside Comprehensive Zoning Ordinance, the State of California Government Code 65915 Density Bonuses, and the California Building Code.

The Project is consistent with the City's adopted General Plan and is located in a Transit Priority Area. Therefore, a Transportation VMT Analysis is screened out and was not prepared for this Project.

Attachment 7.e. SWQMP

City of Oceanside-Engineering Division
Conceptually Approved
Plans conform with State laws, City procedures, policies, and ordinances. City's plan review is limited and is not a determination of technical design sufficiency, EOW is responsible for the design and it's sufficiency.
AJSmith 03/07/2025 10:18:39 AM

RD23-00006

CITY OF OCEANSIDE
ENGINEERING DIVISION

PRIORITY DEVELOPMENT PROJECT
STORM WATER QUALITY MANAGEMENT PLAN
FOR
BLOCKS 5 AND 20

ENGINEER OF WORK

Allen Butcher. PE C47107

REGISTERED PROFESSIONAL ENGINEER
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SB&O JN 77910.65

September 27, 2024

How to Use This Template

This template, assembled by GHD Inc. on behalf of the City of Oceanside, is for the development of Storm Water Quality Management Plans (SWQMPs) for Priority Development Projects (PDPs) proposed within Oceanside, CA. It is based on requirements set forth in the Regional Water Quality Control Board's National Pollutant Discharge Elimination System MS4 Permit that covers the San Diego Region (Order No. R9-2013-0001).

All references within the template refer to the City of Oceanside BMP Design Manual dated February 2016 (Manual). Use of this template in conjunction with the Manual is intended to help a project applicant develop a SWQMP compliant with City of Oceanside and MS4 Permit requirements.

Template Date: February 16, 2016

Assembled By:

Quick Reference Guide

Item	Project Information
Project Name	Blocks 5 and 20
Application Number(s)	RD23-00006
Project Address	200-300 North Myers Street
Total Parcel Area	2.07 Ac Gross
Project Description	The Block area is approximately 2.07 acres. The current site consists almost entirely of asphalt parking lots with no buildings onsite. The proposed project will consist of multi-level residential units above the parking garage, with commercial spaces along the street frontage, and completing the street improvements along North Myers Street and Mission Avenue.
Proposed Disturbed Area	97,551 sq. ft. (88,091 sq. ft. onsite)
Created or Replaced Impervious	91,061 sq. ft. (82,191 sq. ft. onsite)
Project Hydrologic Unit Watershed	☐ Santa Maria ☒ San Luis Rey ☐ Carlsbad
Required to implement HMP	☐ Yes ☒ No

Table of Contents

CERTIFICATION PAGE ..... **Section 1**

SUBMITTAL RECORD ..... **Section 2**

PROJECT VICINITY MAP ..... **Section 3**

FORM I-1: APPLICABILITY OF PERMANENT STORM Water BMP REQUIREMENTS ..... **Section 4**

FORM I-2: PROJECT TYPE DETERMINATION CHECKLIST ..... **Section 5**

FORM I-3B: SITE INFORMATION CHECKLIST ..... **Section 6**

FORM I-4: SOURCE CONTROL BMP CHECKLIST ..... **Section 7**

FORM I-5: SITE DESIGN BMP CHECKLIST ..... **Section 8**

FORM I-6: SUMMARY OF PDP STRUCTURAL BMPS ..... **Section 9**

BMP CONSTRUCTION SELF CERTIFICATION FORM ..... **Section 10**

ATTACHMENT 1: BACKUP FOR PDP POLLUTANT CONTROL BMPS ..... **Section 11**

ATTACHMENT 1a: DMA Exhibit ..... Section 11

ATTACHMENT 1b: Tabular Summary of DMAs ..... Section 11

ATTACHMENT 1c: Design Capture Volume Worksheet ..... Section 11

ATTACHMENT 1d: FORM I-7: Harvest and Use Feasibility Screening Checklist ..... Section 11

ATTACHMENT 1e: FORM I-8: Categorization of Infiltration Feasibility Condition ..... Section 11

ATTACHMENT 1f: Pollutant Control BMP Design Worksheets/Calculations ..... Section 11

ATTACHMENT 2: BACKUP FOR PDP HYDROMODIFICATION CONTROL MEASURES ..... **Section 12**

ATTACHMENT 2a: Hydromodification Management Exhibit ..... Section 12

ATTACHMENT 2b: Management of Critical Coarse Sediment Yield Areas ..... Section 12

ATTACHMENT 2c: Geomorphic Assessment of Receiving Channels ..... Section 12

ATTACHMENT 2d: Flow Control Facility Design and BMP Drawdown Calculations ..... Section 12

ATTACHMENT 2e: Vector Control Plan ..... Section 12

ATTACHMENT 3: STRUCTURAL BMP MAINTENANCE INFORMATION ..... **Section 13**

ATTACHMENT 3a: Structural BMP Maintenance Thresholds and Actions ..... Section 13

ATTACHMENT 3b: Management of Critical Coarse Sediment Yield Areas ..... Section 13

ATTACHMENT 4: STORM WATER BMP PLAN SHEETS ..... **Section 14**

ATTACHMENT 5: DRAINAGE REPORT ..... **Section 15**

ATTACHMENT 6: GEOTECHNICAL AND GROUNDWATER INVESTIGATION REPORT ..... **Section 16**

ATTACHMENT 7: STORM WATER QUALITY ASSESSMENT FORM ..... **Section 17**

ADDITIONAL SUPPORTING DOCUMENTATION ..... **Section 18**

CERTIFICATION PAGE

Project Name: Blocks 5 and 20
Permit Application Number: RD23-00006

I hereby declare that I am the Engineer in Responsible Charge of design of storm water BMPs for this project, and that I have exercised responsible charge over the design of the project as defined in Section 6703 of the Business and Professions Code, and that the design is consistent with the requirements of the City of Oceanside BMP Design Manual, which is based on the requirements of San Diego Regional Water Quality Control Board Order No. R9-2013-0001 (MS4 Permit).

I have read and understand that the City has adopted minimum requirements for managing urban runoff, including storm water, from land development activities, as described in the BMP Design Manual. I certify that this SWQMP has been completed to the best of my ability and accurately reflects the project being proposed and the applicable source control and site design BMPs proposed to minimize the potentially negative impacts of this project's land development activities on water quality. I understand and acknowledge that the plan check review of this SWQMP by City staff is confined to a review and does not relieve me, as the Engineer in Responsible Charge of design of storm water BMPs for this project, of my responsibilities for project design.

As Engineer of Work, I agree to indemnify, defend, and hold harmless the City of Oceanside, its officers, agents, and employees from any and all liability, claims, damages, or injuries to any person or property which might arise from the negligent acts, errors, or omissions of the Engineer of Work, my employees, agents or consultants.

C47107 Exp 12/21/2025

Engineer of Work's Signature, PE Number & Expiration Date

Allen L Butcher

Print Name

SB&O, Inc

Company

September 27, 2024

Date

Engineer's Seal:

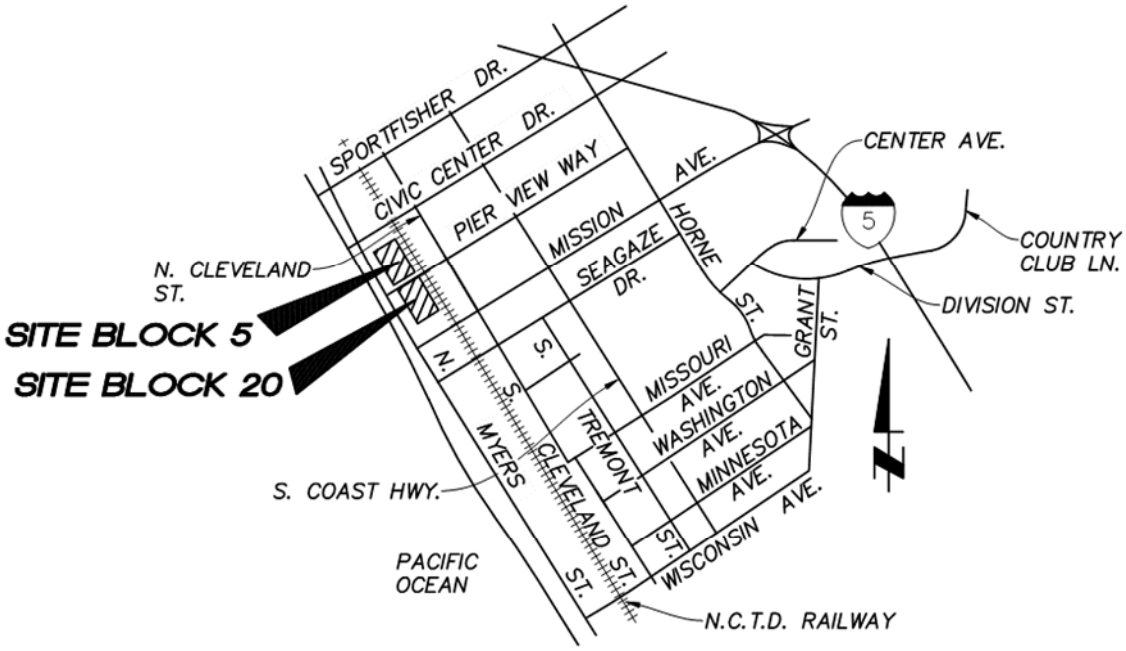
REGISTERED PROFESSIONAL ENGINEER
ALLEN L. BUTCHER
No. 47107
CIVIL
STATE OF CALIFORNIA

SUBMITTAL RECORD

Use this Table to keep a record of submittals of this SWQMP. Each time the SWQMP is re-submitted, provide the date and status of the project. In last column indicate changes that have been made or indicate if response to plan check comments is included. When applicable, insert response to plan check comments behind this page.

Submittal Number	Date	Project Status	Changes
1	12/08/2023	☒ Preliminary Design/ Planning/ CEQA ☐ Final Design	Initial Submittal
2	[02/29/2024]	☒ Preliminary Design/ Planning/ CEQA ☐ Final Design	Second
3	[05/10/2024]	☒ Preliminary Design/ Planning/ CEQA ☐ Final Design	3rd submittal – clarify frontage conditions, miscellaneous revisions.
4	[08/02/2024]	☒ Preliminary Design/ Planning/ CEQA ☐ Final Design	4th submittal. Increased MWS capacity to include RR run-on. Added Tree wells on frontage.
5	[09/27/2024]	☒ Preliminary Design/ Planning/ CEQA ☐ Final Design	5th submittal. Revised Volume retention & MWS units. Misc revisions.

Project Vicinity Map



VICINITY MAP

NOT TO SCALE
THE THOMAS GUIDE 57TH EDITION
PG'S 1086 A–7 & 1106 A–1

Applicability of Permanent, Post-Construction Storm Water BMP Requirements (Storm Water Intake Form for all Development Permit Applications)	Form I-1

Project Identification

Project Name: Blocks 5 and 20	
Permit Application Number: RD23-00006	Date:9/27/2024

Determination of Requirements

The purpose of this form is to identify permanent, post-construction requirements that apply to the project. This form serves as a short summary of applicable requirements, in some cases referencing separate forms that will serve as the backup for the determination of requirements.

Answer each step below, starting with Step 1 and progressing through each step until reaching "Stop".
Refer to the manual sections and/or separate forms referenced in each step below.

Step	Answer	Progression
Step 1: Is the project a "development project"? See Section 1.3 of the manual for guidance.	☒Yes	Go to Step 2.
	☐No	Stop. Permanent BMP requirements do not apply. No SWQMP will be required. Provide discussion below.
Discussion / justification if the project is not a "development project" (e.g., the project includes *only* interior remodels within an existing building):		
Step 2: Is the project a Standard Project, PDP, or exception to PDP definitions? To answer this item, see Section 1.4 of the manual *in its entirety* for guidance, AND complete Form I-2, Project Type Determination.	☐Standard Project	Stop. Standard Project requirements apply, including Standard Project SWQMP.
	☒PDP	PDP requirements apply, including PDP SWQMP. Go to Step 3.
	☐ Exception to PDP definitions	Stop. Standard Project requirements apply. Provide discussion and list any additional requirements below. Prepare Standard Project SWQMP.
Discussion / justification, and additional requirements for exceptions to PDP definitions, if applicable:		

Form I-1 Page 2 of 2		
Step	**Answer**	**Progression**
Step 3. Is the project subject to earlier PDP requirements due to a prior lawful approval? See Section 1.10 of the manual for guidance.	☐Yes	Consult the [City Engineer] to determine requirements. Provide discussion and identify requirements below. Go to Step 4.
	☒No	BMP Design Manual PDP requirements apply. Go to Step 4.
Discussion / justification of prior lawful approval, and identify requirements (*not required if prior lawful approval does not apply*):		
Step 4. Do hydromodification control requirements apply? See Section 1.6 of the manual for guidance.	☐Yes	PDP structural BMPs required for pollutant control (Chapter 5) and hydromodification control (Chapter 6). Go to Step 5.
	☒No	Stop. PDP structural BMPs required for pollutant control (Chapter 5) only. Provide brief discussion of exemption to hydromodification control below.
Discussion / justification if hydromodification control requirements do not apply: Project discharges storm water runoff to existing drainage & storm drain systems (MS-4) discharging directly to the Pacific Ocean at the Oceanside Pier.		
Step 5. Does protection of critical coarse sediment yield areas apply? See Section 6.2 of the manual for guidance.	☐Yes	Management measures required for protection of critical coarse sediment yield areas (Chapter 6.2). Stop.
	☒No	Management measures not required for protection of critical coarse sediment yield areas. Provide brief discussion below. Stop.
Discussion / justification if protection of critical coarse sediment yield areas does not apply:		

Project Type Determination Checklist			Form I-2
Project Information			
Project Name: Blocks 5 and 20			
Permit Application Number: RD23-00006			
Project Type Determination: Standard Project or PDP			
The project is (select one): New Development ☒ Redevelopment			
The total proposed newly created or replaced impervious area is: 91,061 ft² (2.09) acres			
Is the project in any of the following categories, (a) through (f)?			
Yes ☐	No ☒	(a)	New development projects that create 10,000 square feet or more of impervious surfaces (collectively over the entire project site). This includes commercial, industrial, residential, mixed-use, and public development projects on public or private land.
Yes ☒	No ☐	(b)	Redevelopment projects that create and/or replace 5,000 square feet or more of impervious surface (collectively over the entire project site on an existing site of 10,000 square feet or more of impervious surfaces). This includes commercial, industrial, residential, mixed-use, and public development projects on public or private land.
Yes ☐	No ☒	(c)	New and redevelopment projects that create 5,000 square feet or more of impervious surface (collectively over the entire project site), and support one or more of the following uses: (i) Restaurants. This category is defined as a facility that sells prepared foods and drinks for consumption, including stationary lunch counters and refreshment stands selling prepared foods and drinks for immediate consumption SIC code 5812). (ii) Hillside development projects. This category includes development on any natural slope that is twenty-five percent or greater. (iii) Parking lots. This category is defined as a land area or facility for the temporary parking or storage of motor vehicles used personally, for business, or for commerce. (iv) Streets, roads, highways, freeways, and driveways. This category is defined as any paved impervious surface used for the transportation of automobiles, trucks, motorcycles, and other vehicles.

Form I-2 Page 2 of 2			
Yes ☐	No ☒	(d)	New or redevelopment projects that create or replace 2,500 square feet or more of impervious surface (collectively over the entire project site) and discharging directly to an Environmentally Sensitive Area (ESA). "Discharging directly to" includes flow that is conveyed overland a distance of 200 feet or less from the project to the ESA or conveyed in a pipe or open channel any distance as an isolated flow from the project to the ESA (i.e. not commingled with flows from adjacent lands). Note: ESAs are areas that include but are not limited to all Clean Water Act Section 303(d) impaired water bodies; areas designated as Areas of Special Biological Significance by the State Water Board and SDRWQCB; State Water Quality Protected Areas; water bodies designated with the RARE beneficial use by the State Water Board and SDRWQCB; and any other equivalent environmentally sensitive areas which have been identified by the Copermittees. See manual Section 1.4.2 for additional guidance.
Yes ☐	No ☒	(e)	New development projects that support one or more of the following uses: (i) Automotive repair shops. This category is defined as a facility that is categorized in any one of the following SIC codes: 5013, 5014, 5541, 7532-7534, or 7536-7539. (ii) Retail gasoline outlets. This category includes retail gasoline outlets that meet the following criteria: (a) 5,000 square feet or more or (b) a projected Average Daily Traffic of 100 or more vehicles per day.
Yes ☒	No ☐	(f)	New or redevelopment projects that result in the disturbance of one or more acres of land and are expected to generate pollutants post construction. *Note: See manual Section 1.4.2 for additional guidance.*

Does the project meet the definition of one or more of the PDP categories (a) through (f) listed above?

☐ No – the project is not a PDP (Standard Project).

☒ Yes – the project is a PDP.

The following is for redevelopment PDPs only:

The area of existing (pre-project) impervious area at the project site is: 89,244 ft² (A)
The total proposed newly created or replaced impervious area is: 91,061 ft² (B)
Percent impervious surface created or replaced (A/B)*100: 98%
The percent impervious surface created or replaced is (select one based on the above calculation):

☐ less than or equal to fifty percent (50%) – only new impervious areas are considered PDP

OR

☒ greater than fifty percent (50%) – the entire project site is a PDP

Site Information Checklist For PDPs	Form I-3B (PDPs)
Project Summary Information	
Project Name	Blocks 5 and 20
Project Address	200-300 North Myers Street Oceanside, CA 92054
Assessor's Parcel Number(s)	147-370-07-00
Permit Application Number	RD23-00006
Project Watershed (Hydrologic Unit)	Select One: ☐Santa Margarita 902 ☒San Luis Rey 903 ☐Carlsbad 904
Parcel Area (total area of Assessor's Parcel(s) associated with the project)	2.07___ Acres (88,091 Square Feet)
Area to be disturbed by the project (Project Area)	__2.23___ Acres (97,551 Square Feet)
Project Proposed Impervious Area (subset of Project Area)	__2.06___ Acres (91,150 Square Feet)
Project Proposed Pervious Area (subset of Project Area)	__0.17___ Acres (7,315 Square Feet)
Note: Proposed Impervious Area + Proposed Pervious Area = Area to be Disturbed by the Project. This may be less than the Parcel Area.	

Hydrologic Unit	Hydrologic Area	Hydrologic Sub-Area
Santa Margarita 902.00	☐ Ysidora 902.10	☐ Lower Ysidora 902.11
San Luis Rey 903.00	☒ Lower San Luis 903.10	☒ Mission 903.11
		☐ Bonsall 903.12
Carlsbad 904.00	☐ Loma Alta 904.10	Not Applicable
	☐ Buena Vista Creek 904.20	☐ El Salto 904.21
		☐ Vista 904.22
	☐ Agua Hedionda 4.30	☐ Los Monos 904.31

Description of Existing Site Condition and Drainage Patterns

Current Status of the Site (select all that apply):

☒Existing development

☐Previously graded but not built out

☐Agricultural or other non-impervious use

☐Vacant, undeveloped/natural

Description / Additional Information:

Block 5 & 20 are currently graded and mostly paved for uses as public parking lots.

Existing Land Cover Includes (select all that apply):

☐Vegetative Cover

☒Non-Vegetated Pervious Areas: Small pervious strips along the Railroad R/W with minor slopes, drain onto the sites.

☒Impervious Areas: A mix of hardscape and pavement and some trees on the street frontage (Mission).

Description / Additional Information:

Runoff is directed overland on both site toward the gutters on the N Myers Street frontage to the public storm drain system.

Underlying Soil belongs to Hydrologic Soil Group (select all that apply):

☒NRCS Type A

☐NRCS Type B

☐NRCS Type C

☐NRCS Type D

Approximate Depth to Groundwater:

☐Groundwater Depth < 5 feet

☐5 feet < Groundwater Depth < 10 feet

☐10 feet < Groundwater Depth < 20 feet

☒Groundwater Depth > 20 feet

Description of Existing Site Topography and Drainage [How is storm water runoff conveyed from the site? At a minimum, this description should answer (1) whether existing drainage conveyance is natural or urban; (2) describe existing constructed storm water conveyance systems, if applicable; and (3) is runoff from offsite conveyed through the site? If so, describe]:

The properties are approximately 2 acres, and consist of two asphalt concrete paved parking lots, one on each Block. The composite imperviousness is approximately 90%. Both sites receive sheet flow runoff from NCTD property located east of the sites. Runoff is directed overland and sheet flow onto both sites, with sheet flow continuing westerly toward the North Meyers Street frontages.

The existing sites are currently two large, paved parking lots bisected by Pier View Way and bound by Mission Avenue to the south, North Myers Street to the west, an existing private building to the north, and the NCTD railroad tracks to the east.

Block 20 mildly slopes east to west, sheet flowing to a shallow paved swales that discharge to the gutter of North Myers Street. From there it enters one of two existing curb inlets along the project frontage that connect to the storm drain system on the west side of North Meyers Street that conveys runoff westerly in Pier View Way directly to the Pacific Ocean. The southerly curb inlet receives runoff from Mission Ave (south of railroad crossing).

Block 5 slopes gently from toward the North Myers Street gutter. There is a localized high point in North Myers frontage approximately mid-block, which splits the site runoff northerly toward Civic Center Drive, with the remainder directed to a localized low point near the southerly limits of Block 5. Due to the relatively shallow storage depth (less than 6”), large storm events will likely result in runoff ponding and then spilling in all directions – to the north and south gutters, to the west over the N Meyers crown and potentially to Pier View Way. Runoff directed to the north, turns west in the cross gutter to the northerly Civic Center Drive gutter, which is intercepted by the curb inlet near the North Pacific Street intersection, and conveyed southerly to the Pier View Way storm drain, which discharges into the Pacific Ocean near the Oceanside Pier (CIP 00024 Sheet 6 & 8).

Description of Proposed Site Development and Drainage Patterns

Project Description / Proposed Land Use and/or Activities:
Two (2) mixed-use buildings (7 & 8 stories) with ground level retail and residential units in upper levels over parking garages.

List/describe proposed impervious features of the project (e.g., buildings, roadways, parking lots, courtyards, athletic courts, other impervious features):
-Roof
-Replace PCC curb, gutter and sidewalk along project frontage.
-Seal coat AC paving on North Myers Street and Mission Avenue, half width.

List/describe proposed pervious features of the project (e.g., landscape areas):
-2 storm water retention planters
-Landscape areas onsite
-Street trees
-Landscape in public right of way

Does the project include grading and changes to site topography?
☒Yes
☐No

Description / Additional Information:
Excavation of the entire site for construction of underground parking. Proposed site will be almost completely covered by the building footprint/roof overhand with walkways around all 4 sides of the buildings.

Does the project include changes to site drainage (e.g., installation of new storm water conveyance systems)?
☒Yes
☐No

Description / Additional Information:
The majority of the roof runoff will connect directly to proprietary modular biofiltration units with direct outlets to the North Myers Street storm drain system (MS-4) at the existing and/or proposed curb inlets. The MWS unit for Block 5 will discharge to the proposed curb inlet and storm drain extension at the south end of Block 5 frontage. The raised planter and MWS unit for Block 20 will discharge to the existing curb inlet in N Myers. **These unit will need to be customized to fit into the narrow available space, and be sized to treat the run-off from the RR right-of-way**.

In order to meet the requirements for volume retention, a portion of the roof area will directed to raised planters (biofiltration) located on an upper level of each building. DMA 3 & 4 represent the amount of roof area required to meet the Volume Retention Requirement.

Identify whether any of the following features, activities, and/or pollutant source areas will be present (select all that apply):

☒Onsite storm drain inlets

☒Interior floor drains and elevator shaft sump pumps

☒Interior parking garages

☐Need for future indoor & structural pest control

☒Landscape/outdoor pesticide use

☒Pools, spas, ponds, decorative fountains, and other water features

☒Food service

☒Refuse areas

☐Industrial processes

☐Outdoor storage of equipment or materials

☐Vehicle and equipment cleaning

☐Vehicle/equipment repair and maintenance

☐Fuel dispensing areas

☐Loading docks

☒Fire sprinkler test water

☒Miscellaneous drain or wash water

☒Plazas, sidewalks, and parking lots

Identification of Receiving Water Pollutants of Concern

Describe path of storm water from the project site to the Pacific Ocean (or bay, lagoon, lake or reservoir, as applicable):

The majority of the storm water will discharge into storm drain curb inlets on North Myers Street, then travel continuously within storm drain pipe and cleanouts westerly down Pier View Way, then discharges to Pacific Ocean via storm drain headwall on the north side of the Oceanside Pier adjacent to Oceanside Fire Department Lifeguard Headquarters. The remainder will travel north in the gutter N Myers gutter, cross the street and head west down Civic Center Drive where it will enter a short stretch of storm drain that discharges into the Pacific Ocean.

List any 303(d) impaired water bodies within the path of storm water from the project site to the Pacific Ocean (or bay, lagoon, lake or reservoir, as applicable), identify the pollutant(s)/stressor(s) causing impairment, and identify any TMDLs for the impaired water bodies:

303(d) Impaired Water Body	Pollutant(s)/Stressor(s)	TMDLs
PACIFIC OCEAN SHORELINE, SAN LUIS REY HU, AT SURFRIDER WAY	N/A	INDICATOR BACTERIA

Form I-3B Page 7 of 10			
Identification of Project Site Pollutants* ***Identification of project site pollutants is only required if flow-thru treatment BMPs are implemented onsite in lieu of retention or biofiltration BMPs (note the project must also participate in an alternative compliance program unless prior lawful approval to meet earlier PDP requirements is demonstrated)**			
Identify pollutants expected from the project site based on all proposed use(s) of the site (see manual Appendix B.6):			
Pollutant	**Not Applicable to the Project Site**	**Expected from the Project Site**	**Also a Receiving Water Pollutant of Concern**
Sediment	n/a	Yes	None
Nutrients	n/a	Yes	None
Heavy Metals	n/a	Yes	None
Organic Compounds	n/a	Yes	None
Trash & Debris	n/a	Yes	None
Oxygen Demanding Substances	n/a	Yes	None
Oil & Grease	n/a	Yes	None
Bacteria & Viruses	n/a	Yes	None
Pesticides	n/a	Yes	None

Note: Indicator Bacteria shall be addressed as a Pollutant of Concern (POC) for projects located in the Lower San Luis Hydrologic Area and for projects that discharge to the Pacific Ocean Shoreline within the boundaries of the City of Oceanside.

Note: Nutrients shall be addressed as a Pollutant of Concern (POC) for projects located in the Loma Alta Hydrologic Area.

Hydromodification Management Requirements

Do hydromodification management requirements apply (see Section 1.6 of the manual)?

☐Yes, hydromodification management flow control structural BMPs required.

☒No, the project will discharge runoff directly to existing underground storm drains discharging directly to water storage reservoirs, lakes, enclosed embayments, or the Pacific Ocean.

☐No, the project will discharge runoff directly to conveyance channels whose bed and bank are concrete-lined all the way from the point of discharge to water storage reservoirs, lakes, enclosed embayments, or the Pacific Ocean.

☐No, the project will discharge runoff directly to an area identified as appropriate for an exemption by the WMAA for the watershed in which the project resides.

Description / Additional Information (to be provided if a 'No' answer has been selected above):

Project will discharge runoff to existing underground storm drains in North Myers Steet and Pier View Way discharging directly to the Pacific Ocean.

Critical Coarse Sediment Yield Areas*

***This Section only required if hydromodification management requirements apply**

Based on the maps provided within the WMAA, do potential critical coarse sediment yield areas exist within the project drainage boundaries?

☐Yes

☒No, no critical coarse sediment yield areas to be protected based on WMAA maps

If yes, have any of the optional analyses presented in Section 6.2 of the manual been performed?

☐6.2.1 Verification of GLUs Onsite

☐6.2.2 Downstream Systems Sensitivity to Coarse Sediment

☐6.2.3 Optional Additional Analysis of Potential Critical Coarse Sediment Yield Areas Onsite

☐No optional analyses were performed, the project will avoid critical coarse sediment yield areas identified based on WMAA maps

If optional analyses were performed, what is the final result?

☐No critical coarse sediment yield areas to be protected based on verification of GLUs onsite.

☐Critical coarse sediment yield areas exist but additional analysis has determined that protection is not required. Documentation attached in Attachment 8 of the SWQMP.

☐Critical coarse sediment yield areas exist and require protection. The project will implement management measures described in Sections 6.2.4 and 6.2.5 as applicable, and the areas are identified on the SWQMP Exhibit.

Discussion / Additional Information:

Flow Control for Post-Project Runoff*

***This Section only required if hydromodification management requirements apply**

List and describe point(s) of compliance (POCs) for flow control for hydromodification management (see Section 6.3.1). For each POC, provide a POC identification name or number correlating to the project's HMP Exhibit and a receiving channel identification name or number correlating to the project's HMP Exhibit.

N/A

Has a geomorphic assessment been performed for the receiving channel(s)?

☐No, the low flow threshold is 0.1Q2 (default low flow threshold)

☐Yes, the result is the low flow threshold is 0.1Q2

☐Yes, the result is the low flow threshold is 0.3Q2

☐Yes, the result is the low flow threshold is 0.5Q2

If a geomorphic assessment has been performed, provide title, date, and preparer:

Discussion / Additional Information: (optional)

Other Site Requirements and Constraints

When applicable, list other site requirements or constraints that will influence storm water management design, such as zoning requirements including setbacks and open space, or local codes governing minimum street width, sidewalk construction, allowable pavement types, and drainage requirements.

-This site is zoned for Mixed Use (Commercial/Residential/Professional) (D-1)
-Street frontage is existing
-Railroad right of way slopes
-Existing storm drain

Optional Additional Information or Continuation of Previous Sections As Needed

The site frontage improvements will utilize green street features that will include the integration of green infrastructures strategies into the right of way, specifically street trees within a small planter area at the base. Runoff from some sidewalk areas will flow into the tree and planter areas before entering the adjacent gutter. This will help to reduce pollutants in storm water while simultaneously beautifying the corridor and pedestrian experience.

Source Control BMP Checklist for All Development Projects (Standard Projects and PDPs)	Form I-4

Project Identification

Project Name: Blocks 5 and 20

Permit Application Number RD23-00006

Source Control BMPs

All development projects must implement source control BMPs SC-1 through SC-6 where applicable and feasible. See Chapter 4 and Appendix E of the manual for information to implement source control BMPs shown in this checklist.

Answer each category below pursuant to the following.

- **"Yes"** means the project will implement the source control BMP as described in Chapter 4 and/or Appendix E of the manual. Discussion / **justification is not required.**
- "No" means the BMP is applicable to the project but it is not feasible to implement. Discussion / justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature that is addressed by the BMP (e.g., the project has no outdoor materials storage areas). Discussion / justification may be provided.

Source Control Requirement	Implemented?		
SC-1 Prevention of Illicit Discharges into the MS4	☒ Yes	☐ No	☐ N/A
Discussion / justification if SC-1 not implemented: Interior sewers, floor drains, and fire sprinkler test water will be connected to the sanitary sewer. Debris and wash water containing cleaning agents or degreasers used when pressure washing of parking garage & outdoor areas shall be collected and discharged to the sanitary sewer. Efficient irrigation systems will be designed and maintain to minimize overspray, and excess water use, rain shut-off, etc. Vehicle washing is not allowed.			
SC-2 Storm Drain Stenciling or Signage	☒ Yes	☐ No	☐ N/A
Discussion / justification if SC-2 not implemented: Curb inlets shall include storm drain tiles.			
SC-3 Protect Outdoor Materials Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	☐ Yes	☐ No	☒ N/A
Discussion / justification if SC-3 not implemented: No outdoor material storage areas on this project.			

Form I-4 Page 2 of 3			
Source Control Requirement	**Implemented?**		
SC-4 Protect Materials Stored in Outdoor Work Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	☐ Yes	☐ No	☒ N/A
Discussion / justification if SC-4 not implemented: No materials stored in outdoor work areas on this project.			
SC-5 Protect Trash Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	☒ Yes	☐ No	☐ N/A
Discussion / justification if SC-5 not implemented: Trash enclosures are located inside covered parking garages and will be walled and secured.			

Form I-4 Page 3 of 3			
SC-6 Additional BMPs Based on Potential Sources of Runoff Pollutants (must answer for each source listed below)	**Implemented?**		
Onsite storm drain inlets shall be marked No Dumping or similar.	☒ Yes	☐ No	☐ N/A
Interior floor drains and elevator shaft sump pumps Interior floor drain shall be connected to the sanitary sewer.	☒ Yes	☐ No	☐ N/A
Interior parking garages Interior parking garage drains shall be connected to the sanitary sewer.	☒ Yes	☐ No	☐ N/A
Need for future indoor & structural pest control Future Building Plans	☒ Yes	☐ No	☐ N/A
Landscape/outdoor pesticide Professional landscape maintenance company will minimize the use of and potential misuse of herbicides and pesticides.	☒ Yes	☐ No	☐ N/A
Pools, spas, ponds, decorative fountains, and other water features Pools and water features will be provided with a drain to the sanitary sewer.	☒ Yes	☐ No	☐ N/A
Food service Restaurant or grocery tenant spaces to include floor sink or other areas for cleaning mats, containers, and equipment. Sewer drains shall include a grease interceptor as required by code.	☒ Yes	☐ No	☐ N/A
Refuse area –will include signage on or near dumpsters to prevent disposal of hazardous waste. Provide separate containers recyclables.	☒ Yes	☐ No	☐ N/A
Industrial processes Not a part of the project	☐ Yes	☐ No	☒ N/A
Outdoor storage of equipment or materials Not allowed	☐ Yes	☐ No	☒ N/A
Vehicle and equipment cleaning Signage posted "Not Allowed"	☐ Yes	☐ No	☒ N/A
Vehicle/equipment repair and maintenance Signage "Not Allowed"	☐ Yes	☐ No	☒ N/A
Fuel dispensing areas Not a part of project.	☐ Yes	☐ No	☒ N/A
Loading docks Not a part of project.	☐ Yes	☐ No	☒ N/A
Fire sprinkler test water to be discharge to a sanitary sewer	☒ Yes	☐ No	☐ N/A
Miscellaneous drain or wash Pressure washing of outdoor areas, loading docks, parking lots and walkways shall be collected and discharged to a sanitary sewer.	☒ Yes	☐ No	☐ N/A
Plazas, sidewalks, and parking lots Outdoor areas to be swept or mechanically cleaned as part of regular maintenance	☒ Yes	☐ No	☐ N/A
Discussion / justification if SC-6 not implemented. Clearly identify which sources of runoff pollutants are discussed. Justification must be provided for all "No" answers shown above. **See above responses**			

Site Design BMP Checklist for All Development Projects (Standard Projects and PDPs)	Form I-5

Project Identification

Project Name: Blocks 5 and 20

Permit Application Number RD23-00006

Site Design BMPs

All development projects must implement site design BMPs SD-1 through SD-8 where applicable and feasible. See Chapter 4 and Appendix E of the manual for information to implement site design BMPs shown in this checklist.

Answer each category below pursuant to the following.

- **"Yes"** means the project will implement the site design BMP as described in Chapter 4 and/or Appendix E of the manual. Discussion / **justification is not required.**
- "No" means the BMP is applicable to the project but it is not feasible to implement. Discussion / justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature that is addressed by the BMP (e.g., the project site has no existing natural areas to conserve). Discussion / justification may be provided.

Site Design Requirement	Applied?		
SD-1 Maintain Natural Drainage Pathways and Hydrologic Features	☐ Yes	☐ No	☒ N/A
Discussion / justification if SD-1 not implemented: No natural pathways exist on this site.			
SD-2 Conserve Natural Areas, Soils, and Vegetation	☐ Yes	☐ No	☒ N/A
Discussion / justification if SD-2 not implemented: No natural areas exist on this site.			
SD-3 Minimize Impervious Area	☒ Yes	☐ No	☐ N/A
Discussion / justification if SD-3 not implemented: Construct multi-story structures with high floor-to-area (FAR) ratio, mixed use, and underground parking.			
SD-4 Minimize Soil Compaction	☒ Yes	☐ No	☒ N/A
Discussion / justification if SD-4 not implemented: Not applicable due to project density and below grade parking. Soil in the raised planters will have minimal compaction. Landscape areas will include amended soils.			

Form I-5 Page 2 of 2			
Site Design Requirement	**Applied?**		
SD-5 Impervious Area Dispersion	☒ Yes	☐ No	☐ N/A
Discussion / justification if SD-5 not implemented: SD-5 will be implemented on a limited Green Streets level. Since the project site contains poor infiltration rates (infiltration rate <0.5in/hr.), and there are no "Natural" soil areas available onsite, and dispersion would require a 1:1 ratio of Impervious to "Engineered Pervious Surace". The amount of roof area compared to the available pervious area limits the feasibility of impervious area dispersion. The required 11" Engineered soil depth would need to be adjacent to the building foundation, with multiple utility lines adjacent through the landscape area. Rainwater that lands along the hardscaped project frontage will be directed to flow into the ground level planters adjacent to the curb.			
SD-6 Runoff Collection	☒ Yes	☐ No	☐ N/A
Discussion / justification if SD-6 not implemented: There will be landscape areas along the perimeter where possible. Landscape areas will be interspersed on roof decks, patio areas, and the perimeter and frontage of the project. Green roofs are not feasible due to solar panel requirements.			
SD-7 Landscaping with Native or Drought Tolerant Species	☒ Yes	☐ No	☐ N/A
Discussion / justification if SD-7 not implemented: See Landscape plans.			
SD-8 Harvesting and Using Precipitation	☐ Yes	☒ No	☐ N/A
Discussion / justification if SD-8 not implemented: Rain barrels are not feasible due to the limited space and irrigation demand. A portion of the roof water will be diverted to bioretention planters on either the 3rd floor or ground level to satisfy the volume retention requirements of each block.			

Summary of PDP Structural BMPs	Form I-6 (PDPs)

Project Identification

Project Name: Blocks 5 and 20

Permit Application Number RD23-00006

PDP Structural BMPs

All PDPs must implement structural BMPs for storm water pollutant control (see Chapter 5 of the manual). Selection of PDP structural BMPs for storm water pollutant control must be based on the selection process described in Chapter 5. PDPs subject to hydromodification management requirements must also implement structural BMPs for flow control for hydromodification management (see Chapter 6 of the manual). Both storm water pollutant control and flow control for hydromodification management can be achieved within the same structural BMP(s).

PDP structural BMPs must be verified by the local jurisdiction at the completion of construction. This may include requiring the project owner or project owner's representative to certify construction of the structural BMPs (see Section 1.12 of the manual). PDP structural BMPs must be maintained into perpetuity, and the local jurisdiction must confirm the maintenance (see Section 7 of the manual).

Use this form to provide narrative description of the general strategy for structural BMP implementation at the project site in the box below. Then complete the PDP structural BMP summary information sheet (page 3 of this form) for each structural BMP within the project (copy the BMP summary information page as many times as needed to provide summary information for each individual structural BMP).

Describe the general strategy for structural BMP implementation at the site. This information must describe how the steps for selecting and designing storm water pollutant control BMPs presented in Section 5.1 of the manual were followed, and the results (type of BMPs selected). For projects requiring hydromodification flow control BMPs, indicate whether pollutant control and flow control BMPs are integrated or separate.

This site is a "No Infiltration" condition per soils report. Therefore, the site will utilize a flow-based BMP by way of a proprietary Biofiltration (BF-3) Modular Wetland System, sized using 150% of the maximum flow rate of runoff produced from rainfall intensity of 0.2 inches per hour of rainfall, for each hour of a storm event, per section 2.2.1 of the County of San Diego BMP Design Manual. Since the site is hydromodification exempt there will be no flow control within the BMP. The BMP will provide pollutant control only.

For volume retention requirements, the sites will utilize a raised planter which will accept and hold storm water diverted to it from the roof or deck areas. The required volume (4.5% of the DCV) for Block 5 (DMA 1 & 7) is 39 cubic feet, and for Block 20 (DMA 2 & 8) is 38 cubic feet. The raised planters for each building (350 square feet of soil surface area for Block 5 and 340 square feet for Block 20) provides retained runoff volumes of 39 and 38 cubic feet (based upon 18" of soil with a 5% retained pore volume, and 40% of void space in the 3" of gravel below the planter subdrain).

(Continue on page 2 as necessary.)

(Page reserved for continuation of description of general strategy for structural BMP implementation at the site)

(Continued from page 1)

The project has been designed to treat storm water to the Maximum Extent Practicable. Some areas that are adjacent to the right of way are only feasible to capture and treat via run-over landscape parkway between sidewalk and curb.

Miscellaneous areas between the buildings and right of way (DMA 11, 12 & 13) are considered infeasible to capture and treat onsite and will be discharged to the street frontage for treatment by two (2) Tree Wells. In order to treat runoff from the frontage improvements, the project proposes using the Green Streets concept for the increased impervious area of within the right-of-way plus the onsite infeasible areas in accordance with the Green Street standards.

These tree wells are sized for those portions of the site that are infeasible and the increased impervious areas. The trees will also receive runoff from the existing street pavement areas (limited to grind and overlay).

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 1

Construction Plan Sheet No. BLOCK 5, RD23-00006, Sheet 1 & 4

Type of structural BMP:

☐Retention by harvest and use (HU-1)

☐Retention by infiltration basin (INF-1)

☐Retention by bioretention (INF-2)

☐Retention by permeable pavement (INF-3)

☐Partial retention by biofiltration with partial retention (PR-1)

☐Biofiltration (BF-1)

☐Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)

☐Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)

☐Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)

☐Detention pond or vault for hydromodification management

☒Other (describe in discussion section below) (BF-3)

Purpose:

☒Pollutant control only

☐Hydromodification control only

☐Combined pollutant control and hydromodification control

☐Pre-treatment/forebay for another structural BMP

☐Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the manual)	Allen Butcher SB&O Inc. 3990 Rufin Road, #120 San Diego, Ca 92123 858-560-1141
Who will be the final owner of this BMP?	TBD
Who will maintain this BMP into perpetuity?	TBD
What is the funding mechanism for maintenance?	TBD

Structural BMP Summary Information

(Copy this page as needed to provide information for each individual proposed structural BMP)

Discussion (as needed):

This site is a no infiltration condition per soils report. Therefore, the site will utilize a flow-based BMP by way of a proprietary Biofiltration (BF-3) Modular Wetland System, sized using 150% of the maximum flow rate of runoff produced from rainfall intensity of 0.2 inches per hour of rainfall, for each hour of a storm event, per section 2.2.1 of the County of San Diego BMP Design Manual.

Sizing includes runoff from the Railroad right-of-way (E-1).

Form I-6 Page 5 of 10
Structural BMP Summary Information **(Copy this page as needed to provide information for each individual proposed structural BMP)**
Structural BMP ID No. BMP 2
Construction Plan Sheet No. BLOCK 20, RD23-00006, Sheet 1 & 5
Type of structural BMP: ☐Retention by harvest and use (HU-1) ☐Retention by infiltration basin (INF-1) ☐Retention by bioretention (INF-2) ☐Retention by permeable pavement (INF-3) ☐Partial retention by biofiltration with partial retention (PR-1) ☐Biofiltration (BF-1) ☐Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below) ☐Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below) ☐Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below) ☐Detention pond or vault for hydromodification management ☒Other (describe in discussion section below) (BF-3)
Purpose: ☒Pollutant control only ☐Hydromodification control only ☐Combined pollutant control and hydromodification control ☐Pre-treatment/forebay for another structural BMP ☐Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the manual)	Allen Butcher SB&O Inc. 3990 Rufin Road, #120 San Diego, Ca 92123 858-560-1141
Who will be the final owner of this BMP?	TBD
Who will maintain this BMP into perpetuity?	TBD
What is the funding mechanism for maintenance?	TBD

Structural BMP Summary Information

(Copy this page as needed to provide information for each individual proposed structural BMP)

Discussion (as needed):

This site is a no infiltration condition per soils report. Therefore, the site will utilize a flow-based BMP by way of a proprietary Biofiltration (BF-3) Modular Wetland System, sized using the 150% of the maximum flow rate of runoff produced from rainfall intensity of 0.2 inches per hour of rainfall, for each hour of a storm event, per section 2.2.1 of the County of San Diego BMP Design Manual.

Sizing includes runoff from the Railroad right-of-way (E-2).

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 3

Construction Plan Sheet No. BLOCK 5 PLANTER, RD23-00006, Sheet 1 & 4

Type of structural BMP:

☐Retention by harvest and use (HU-1)

☐Retention by infiltration basin (INF-1)

☐Retention by bioretention (INF-2)

☐Retention by permeable pavement (INF-3)

☐Partial retention by biofiltration with partial retention (PR-1)

☒Biofiltration (BF-1)

☐Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)

☐Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)

☐Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)

☐Detention pond or vault for hydromodification management

☐Other (describe in discussion section below)

Purpose:

☐Pollutant control only

☐Hydromodification control only

☐Combined pollutant control and hydromodification control

☐Pre-treatment/forebay for another structural BMP

☒Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the manual)	Allen Butcher SB&O Inc. 3990 Rufin Road, #120 San Diego, Ca 92123 858-560-1141
Who will be the final owner of this BMP?	TBD
Who will maintain this BMP into perpetuity?	TBD
What is the funding mechanism for maintenance?	TBD

Structural BMP Summary Information

(Copy this page as needed to provide information for each individual proposed structural BMP)

Discussion (as needed):

This BMP will be utilized for Volume Retention purposes as well as Pollutant Control. A subdrain will be installed.

Structural BMP Summary Information

(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 4

Construction Plan Sheet No. BLOCK 20 PLANTER, RD23-00006, Sheet 1 & 5

Type of structural BMP:

☐Retention by harvest and use (HU-1)

☐Retention by infiltration basin (INF-1)

☐Retention by bioretention (INF-2)

☐Retention by permeable pavement (INF-3)

☐Partial retention by biofiltration with partial retention (PR-1)

☒Biofiltration (BF-1)

☐Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)

☐Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)

☐Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)

☐Detention pond or vault for hydromodification management

☐Other (describe in discussion section below)

Purpose:

☒Pollutant control only

☐Hydromodification control only

☐Combined pollutant control and hydromodification control

☐Pre-treatment/forebay for another structural BMP

☒Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the manual)	Allen Butcher SB&O Inc. 3990 Rufin Road, #120 San Diego, Ca 92123 858-560-1141
Who will be the final owner of this BMP?	TBD
Who will maintain this BMP into perpetuity?	TBD
What is the funding mechanism for maintenance?	TBD

Structural BMP Summary Information

(Copy this page as needed to provide information for each individual proposed structural BMP)

Discussion (as needed):

This BMP will be utilized for Volume Retention purposes as well as Pollutant Control. A subdrain will be installed.

	City of Oceanside 300 N Coast Highway Oceanside, CA 92054	**Permanent BMP Construction** **Self-Certification Form**	February 2016

Date Prepared: Click here to enter text.	Project No.: Click here to enter text.
Project Applicant: Click here to enter text.	Phone: Click here to enter text.
Project Address: Click here to enter text.	
Project Engineer: Click here to enter text.	Phone: Click here to enter text.

The purpose of this form is to verify that the site improvements for the project, identified above, have been constructed in conformance with the approved Storm Water Quality Management Plan (SWQMP) documents and drawings.

This form must be completed by the engineer and installing contractor and submitted prior to final inspection of the construction permit. Completion and submittal of this form is required for all new development and redevelopment projects in order to comply with the City's Storm Water ordinances and NDPES Permit Order No. R9-2013-0001. Final inspection for occupancy and/or release of grading or public improvement bonds may be delayed if this form is not submitted and approved by the City of Oceanside.

ENGINEER'S CERTIFICATION:

As the professional in responsible charge for the design of the above project, I certify that I have inspected all constructed Low Impact Development (LID) site design, source control and treatment control BMP's required per the approved SWQMP and Construction Permit No. Click here to enter text.; and that said BMP's have been constructed in compliance with the approved plans and all applicable specifications, permits, ordinances and Order No. R9-2013-0001 of the San Diego Regional Water Quality Control Board.

I understand that this BMP certification statement does not constitute an operation and maintenance verification.

Signature: _____

Date of Signature: _ Click here to enter text.___

Printed Name: _ Click here to enter text._____

Title: _ Click here to enter text._____

Phone No. _ Click here to enter text. _____

Engineer's Stamp

CONTRACTOR'S CERTIFICATION:

As the professional in responsible charge for construction of the above project, I certify that all constructed Low Impact Development (LID) site design, source control and treatment control BMPs required per the approved SWQMP and Construction Permit No. Click here to enter text.; have been constructed in compliance with the approved plans and all applicable specifications, permits, and ordinances.

I understand that this BMP certification statement does not constitute an operation and maintenance verification.

Signature: _____

Date of Signature: _ Click here to enter text.___

Printed Name: _ Click here to enter text._____

Title: _ Click here to enter text._____

Phone No. _ Click here to enter text. _____

ATTACHMENT 1

BACKUP FOR PDP POLLUTANT CONTROL BMPS

This is the cover sheet for Attachment 1.

Indicate which Items are Included:

Attachment Sequence	Contents	Checklist
Attachment 1a	DMA Exhibit (Required) See DMA Exhibit Checklist.	☒Included
Attachment 1b	Tabular Summary of DMAs Showing DMA ID matching DMA Exhibit, DMA Area, and DMA Type (Required)* *Provide table in this Attachment OR on DMA Exhibit in Attachment 1a	☒Included on DMA Exhibit in Attachment 1a ☐Included as Attachment 1b, separate from DMA Exhibit
Attachment 1c	Design Capture Volume Worksheet	☒Included
Attachment 1d	Form I-7, Harvest and Use Feasibility Screening Checklist (Required unless the entire project will use infiltration BMPs) Refer to Appendix B.3-1 of the BMP Design Manual to complete Form I-7.	☐Included ☐Not included because the entire project will use infiltration BMPs Exempt – less than 9 floors
Attachment 1e	Form I-8, Categorization of Infiltration Feasibility Condition (Required unless the project will use harvest and use BMPs) Refer to Appendices C and D of the BMP Design Manual to complete Form I-8.	☒Included ☐Not included because the entire project will use harvest and use BMPs
Attachment 1f	Pollutant Control BMP Design Worksheets / Calculations (Required) Refer to Appendices B and E of the BMP Design Manual for structural pollutant control BMP design guidelines	☒Included

Use this checklist to ensure the required information has been included on the DMA Exhibit:

The DMA Exhibit must identify:

☒Underlying hydrologic soil group
☒Approximate depth to groundwater
☒Existing natural hydrologic features (watercourses, seeps, springs, wetlands)
☒Critical coarse sediment yield areas to be protected
☒Existing topography and impervious areas
☒Existing and proposed site drainage network and connections to drainage offsite
☒Proposed grading
☒Proposed impervious features
☒Proposed design features and surface treatments used to minimize imperviousness
☒Drainage management area (DMA) boundaries, DMA ID numbers, and DMA areas (square footage or acreage), and DMA type (i.e., drains to BMP, self-retaining, or self-mitigating)
☒Potential pollutant source areas and corresponding required source controls (see Chapter 4, Appendix E.1, and Form I-3B)
☒Structural BMPs (identify location, type of BMP, and size/detail)

DMA SUMMARY TABLE

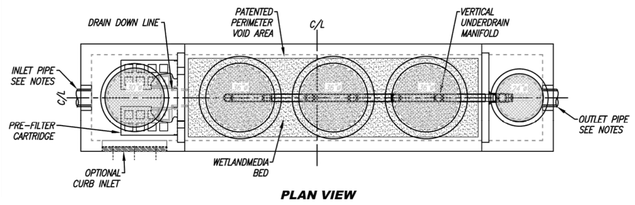
DMA	TOTAL AREA	EXISTING IMPERVIOUS REPAIR (PUB)	NEW IMPERVIOUS AREA (PUB)	NET IMPERVIOUS AREA	IMPERVIOUS	PERVIOUS	ADJUSTED IMPERVIOUS AREA	AREA WEIGHTED RUNOFF FACTOR	DCV	REQ'D TREATMENT FLOW RATE	REQ'D TREATMENT FLOW RATE (150%)	PROVIDED FLOWRATE	BMP TYPE / STANDARD	BMP
NO	(SF)	(SF)	(SF)	(SF)	(%)	(SF)	(SF)		(CF)	(CFS)	(CFS)			ID
DMA 1	41,260	–	–	39,197	95%	2,063	35,896	0.870	1,735	0.165	0.247	0.268	PROPRIETARY BIOFILTRATION BF–3	BMP1
DMA–7	816	–	–	454	56%	362	517	0.634	25	0.002	0.251	0.268	PROPRIETARY BIOFILTRATION BF–3	BMP1
E–1	6,316	0	0	0	0%	6,316	1,895	0.300	92	0.009	0.264	0.268	PROPRIETARY BIOFILTRATION BF–3	BMP1
DMA 3	1,000	–	–	950	95%	50	870	0.870	42	–	–	–	BIOFILTRATION BF–1	BMP3
DMA–11	1,185	–	–	902	76%	283	897	0.757	43	–	–	–	TREE WELL – LOT 5	BMP5
DMA–13	393	–	–	30	8%	363	136	0.346	7	–	–	–	TREE WELL – LOT 5	BMP5
DMA–5	1,439	1,229	1,257	0	0%	230	69	0.048	3	–	–	–	GREEN STREETS – LOT 5	BMP5
DMA–9	1,883	1,748	1,795	47	3%	162	91	0.048	4	–	–	–	GREEN STREETS – LOT 5	BMP5
DMA 2	41,080	–	–	39,026	95%	2,054	35,740	0.870	1,727	0.164	0.246	0.268	PROPRIETARY BIOFILTRATION BF–3	BMP2
DMA–8	962	–	–	350	36%	612	499	0.518	24	0.002	0.250	0.268	PROPRIETARY BIOFILTRATION BF–3	BMP2
E–2	5,968	0	0	0	0%	5,968	1,790	0.300	87	0.008	0.262	0.268	PROPRIETARY BIOFILTRATION BF–3	BMP2
DMA 4	1,000	–	–	950	95%	50	870	0.870	42	–	–	–	BIOFILTRATION BF–1	BMP4
DMA–12	395	–	–	332	84%	63	318	0.804	15	–	–	–	TREE WELL – LOT 20	BMP6
DMA–6	4,420	3,821	3,946	126	3%	525	270	0.061	13	–	–	–	GREEN STREETS – LOT 20	BMP6
DMA–10	1,718	1,039	1,369	330	19%	498	446	0.260	22	–	–	–	GREEN STREETS – LOT 20	BMP6
SITE	88,091	0	0	82,191	93%	5,900	75,742	0.860	3,661					
RR	12,284	0	0	0	0%	12,284	3,685	0.300	178					
STREET	9,460	7,836	8,367	503	5%	1,415	877	0.093	42					
TOTAL	109,835	7,836	8,367	82,694	82%	19,598	79,858	0.727	3,881					

EXHIBIT CHECKLIST

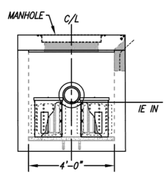
UNDERLYING HYDROLOGIC SOIL GROUP	TYPE D
APPROXIMATE DEPTH TO GROUNDWATER	>20 ft
EXISTING NATURAL HYDROLOGIC FEATURES (WATERCOURSES, SEEPS, SPRINGS,WETLANDS)	NONE
CRITICAL COURSE SEDIMENT YIELD AREAS TO BE PROTECTED	N/A
EXISTING TOPOGRAPHY AND IMPERVIOUS AREAS	SHOWN
EXISTING AND PROPOSED SITE DRAINAGE NETWORK & OFFSITE CONNECTIONS	SHOWN
PROPOSED GRADING & SLOPES	GRADING SHOWN
PROPOSED IMPERVIOUS FEATURES	IMPERVIOUS SHOWN
PROPOSED DESIGN FEATURES & SURFACE TREATMENTS USED TO MINIMIZE IMPERVIOUSNESS	FEATURES SHOWN
DRAINAGE MANAGEMENT AREAS – SEE TABLE BELOW	SEE DMA TABLE BELOW
POTENTIAL POLLUTANT SOURCE AREAS AND CORRESPONDING REQUIRED SOURCE CONTROLS	SOURCES / CONTROLS SHOWN
STRUCTURAL BMPS (LOCATION, ID, TYPE, SIZE)	MWS UNIT
DISCHARGE LOCATIONS	DISCHARGE SHOWN
POINTS OF COMPLIANCE FOR HMP MANAGEMENT	N/A
STRUCTURAL BMPS FOR HYDROMODIFICATION MANAGEMENT	N/A

SITE SPECIFIC DATA			
PROJECT NUMBER			
PROJECT NAME	BLOCKS 5 AND 20		
PROJECT LOCATION			
STRUCTURE ID			
TREATMENT REQUIRED			
TREATMENT FLOW (CFS)			0.268
PRETREATMENT LOADING RATE (GPM/SF)			2.1 GPM/SF
WETLAND MEDIA LOADING RATE (GPM/SF)			1.0
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			9 CFS
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	41.5	HDPE	12
INLET PIPE 2			
OUTLET PIPE	40.0	HDPE	12
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION		45.0	
SURFACE LOAD	PEDESTRIAN		
NOTES:			

* PRELIMINARY ONLY - NOT FOR CONSTRUCTION

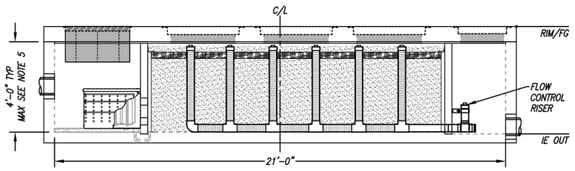


PLAN VIEW

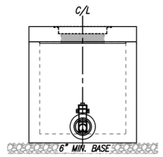


LEFT END VIEW

NOTE: MODULAR WETLAND SYSTEM WILL BE CAST IN PLACE TO ENSURE PROPER FIT.



ELEVATION VIEW



RIGHT END VIEW

INSTALLATION NOTES

1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURER'S SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURER'S CONTRACT.
2. UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROJECT ENGINEER'S RECOMMENDED BASE SPECIFICATIONS.
3. CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL PIPES SHALL BE SEALED WATERTIGHT PER MANUFACTURER'S STANDARD CONNECTION DETAIL.
4. CONTRACTOR RESPONSIBLE FOR CONTACTING CONTECH FOR ACTIVATION OF UNIT. MANUFACTURER'S WARRANTY IS VOID WITHOUT PROPER ACTIVATION BY A CONTECH REPRESENTATIVE.
5. VERTICAL HEIGHT VARIES BASED ON SITE SPECIFIC REQUIREMENTS.

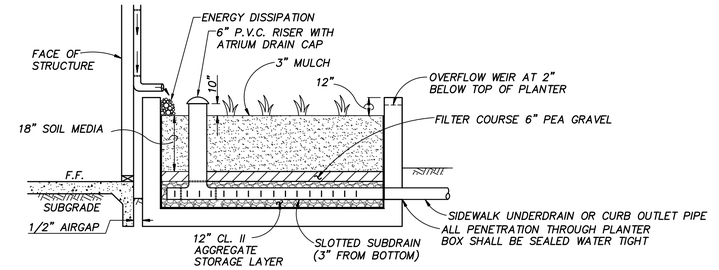
MODULAR WETLANDS — TOP PATENT INFORMATION, GO TO www.ContechES.com/mwl

PROPRIETARY AND CONFIDENTIAL:
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE SOLE PROPERTY OF CONTECH AND ITS COMPANIES. THIS DOCUMENT, NOR ANY PART THEREOF, MAY BE USED, REPRODUCED OR MODIFIED IN ANY MANNER WITH OUT THE WRITTEN CONSENT OF CONTECH.

CONTECH ENGINEERED SOLUTIONS LLC — www.ContechES.com

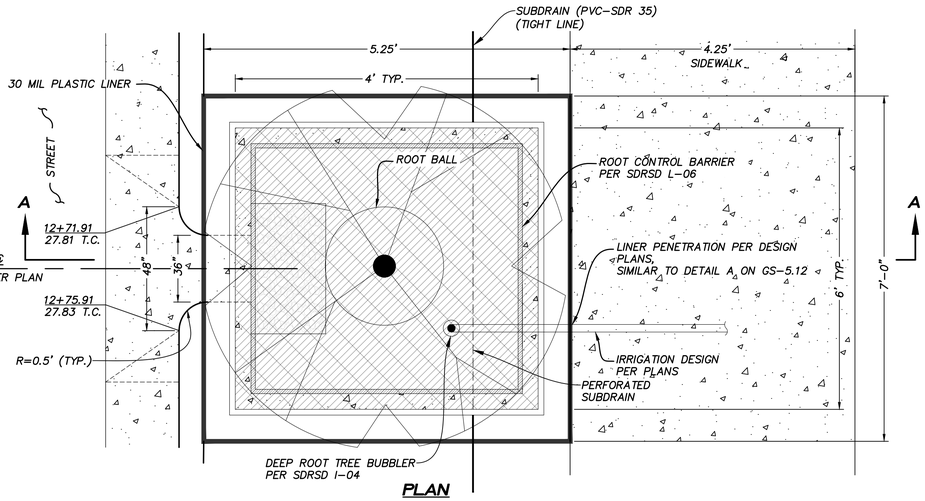
MWS-L-4-21-V-UG
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

PROPOSED DMA EXHIBIT TITLE SHEET FOR:
OCEANSIDE BLOCKS 5 AND 20

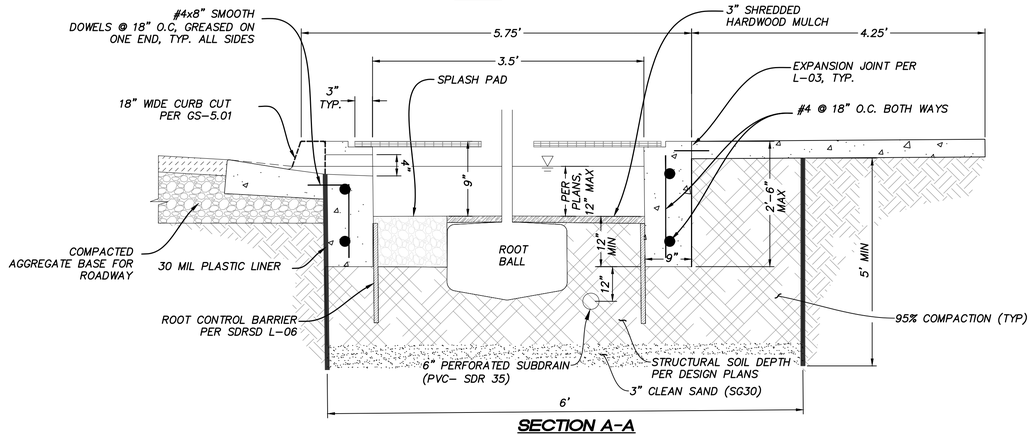


A/1 DETAIL – RAISED BIOFILTRATION (BF-1) PLANTER

NOT TO SCALE



PLAN



SECTION A–A

B/1 DETAIL – 20' TREE WELL

NOT TO SCALE

PROPOSED DMA EXHIBIT TITLE SHEET FOR:
OCEANSIDE BLOCKS 5 AND 20

REGISTERED PROFESSIONAL ENGINEER — ALLEN L. BUTCHER — No. 47107 — CIVIL — STATE OF CALIFORNIA

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
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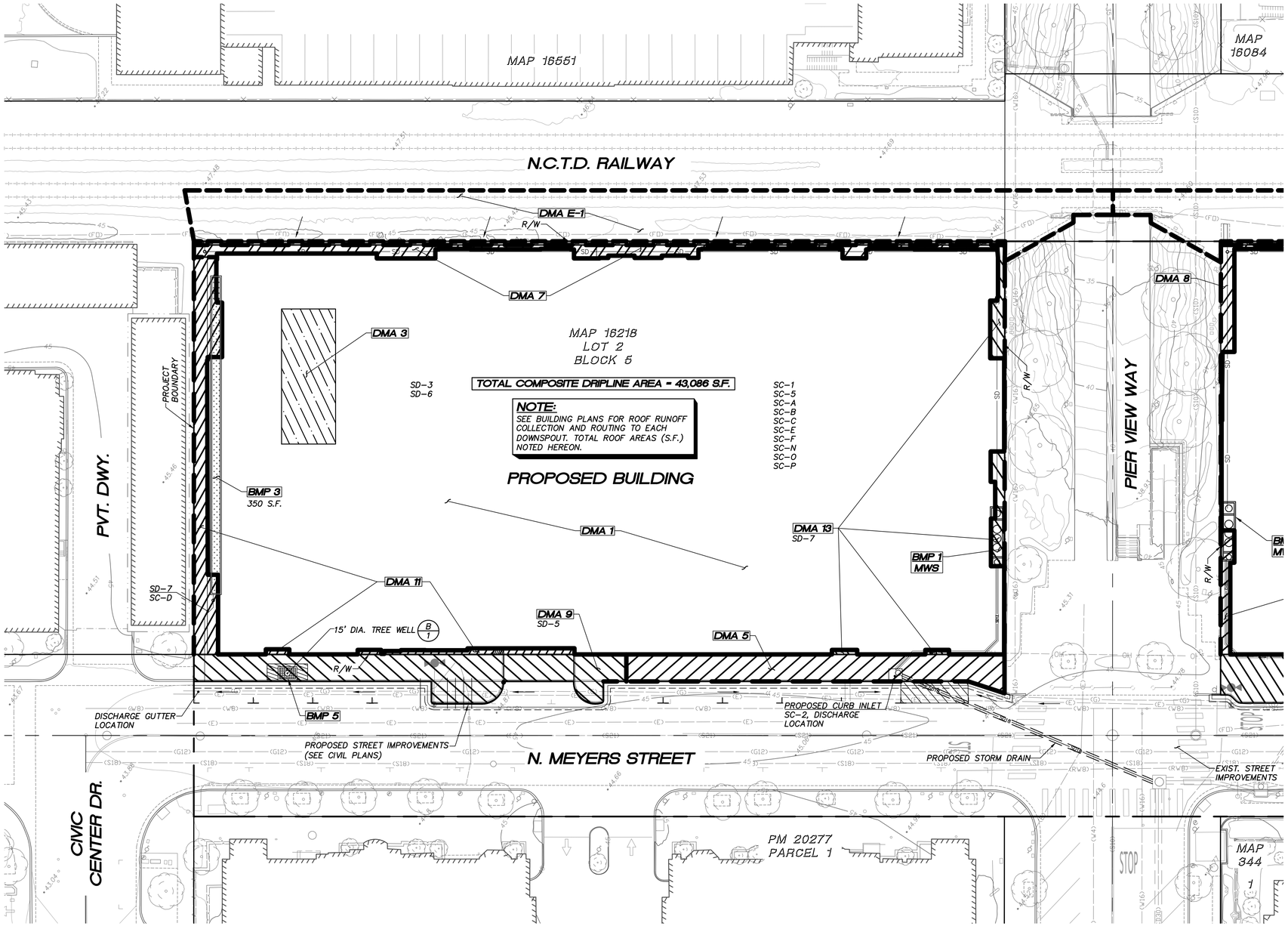
PROPOSED DMA EXHIBIT FOR:
OCEANSIDE BLOCK 5



LEGEND

DESCRIPTION	
PROPERTY LINE (E)/PROJECT BOUNDARY	
RIGHT-OF-WAY (R/W)	
EXIST. CURB AND GUTTER	
EXIST. CONTOUR	45
PROPOSED BASIN LIMITS	
COMPOSITE BUILDING DRIPLINE	
DIRECTION OF DRAINAGE	
SMALL DIAMETER STORM DRAIN PIPE SIZE PER PLAN	SD SD
LARGE DIAMETER STORM DRAIN PIPE SIZE PER PLAN	
BMP 3	
DMA 3	
DMA 5	

SOURCE CONTROL BMPS

SC-1 PREVENT ILLICIT DISCHARGES
SC-2 STORM STENCILING OR SIGNAGE – CURB INLET
SC-5 PROTECT TRASH & RECYCLING AREAS (IN GARAGE).
SC-A ONSITE STORM DRAIN INLETS – MARK ALL INLETS
SC-B INTERIOR FLOOR DRAINS AND ELEVATOR SHAFT PUMPS – CONNECT TO SEWER
SC-C INTERIOR PARKING GARAGE – FLOOR DRAIN TO SEWER
SC-D LANDSCAPE USING PEST RESISTANT PLANTS/COMMERCIAL MAINTENANCE
SC-E POOLS SPAS PONDS AND FOUNTAIN – PROVIDE SEWER CONNECTION FOR DRAINING.
SC-F FOOD SERVICE – FLOOD DRAINS CONNECTED TO SEWER
SC-N FIRE SPRINKLER TEST WATER – PROVIDE DRAIN TO SANITARY SEWER FOR TEST WATER.
SC-O MISCELLANEOUS DRAIN OR WASH WATER: DIRECTED TO SEWER OR LANDSCAPE AREAS.
SC-P PLAZA, SIDEWALKS AND PARKING GARAGE: PROVIDE REGULAR SWEEPING. WASH WATER TO BE COLLECTED AND DISCHARGE TO SANITARY SEWER.

SITE DESIGN BMPS

SD-3 MINIMIZE IMPERVIOUS AREA – MULTI-STORY BLDG & UNDERGROUND PARKING
SD-5 IMPERVIOUS AREA DISPERSION (GREEN STREETS)
SD-6 RUNOFF COLLECTION
SD-7 LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES

NOTE:
SEE SHEET 1 FOR NOTES AND DETAILS.

NOTE:
SEE SHEET 1 FOR DMA SUMMARY TABLE.

NOTE:
STREET TREE WITH PLANTER, LOCATIONS TO BE DETERMINED DURING FINAL DESIGN.

NOTE:
DMA 3 IS THE ROOF AREA REQUIRED FOR BMP 3 (A/1). (RAISED PLANTER)

SCALE: 1" = 20'

GRAPHIC SCALE
20' 0 20' 40' 60'

PROPOSED DMA EXHIBIT FOR:
OCEANSIDE BLOCK 5

REGISTERED PROFESSIONAL ENGINEER
ALLEN L. BUTCHER
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CIVIL
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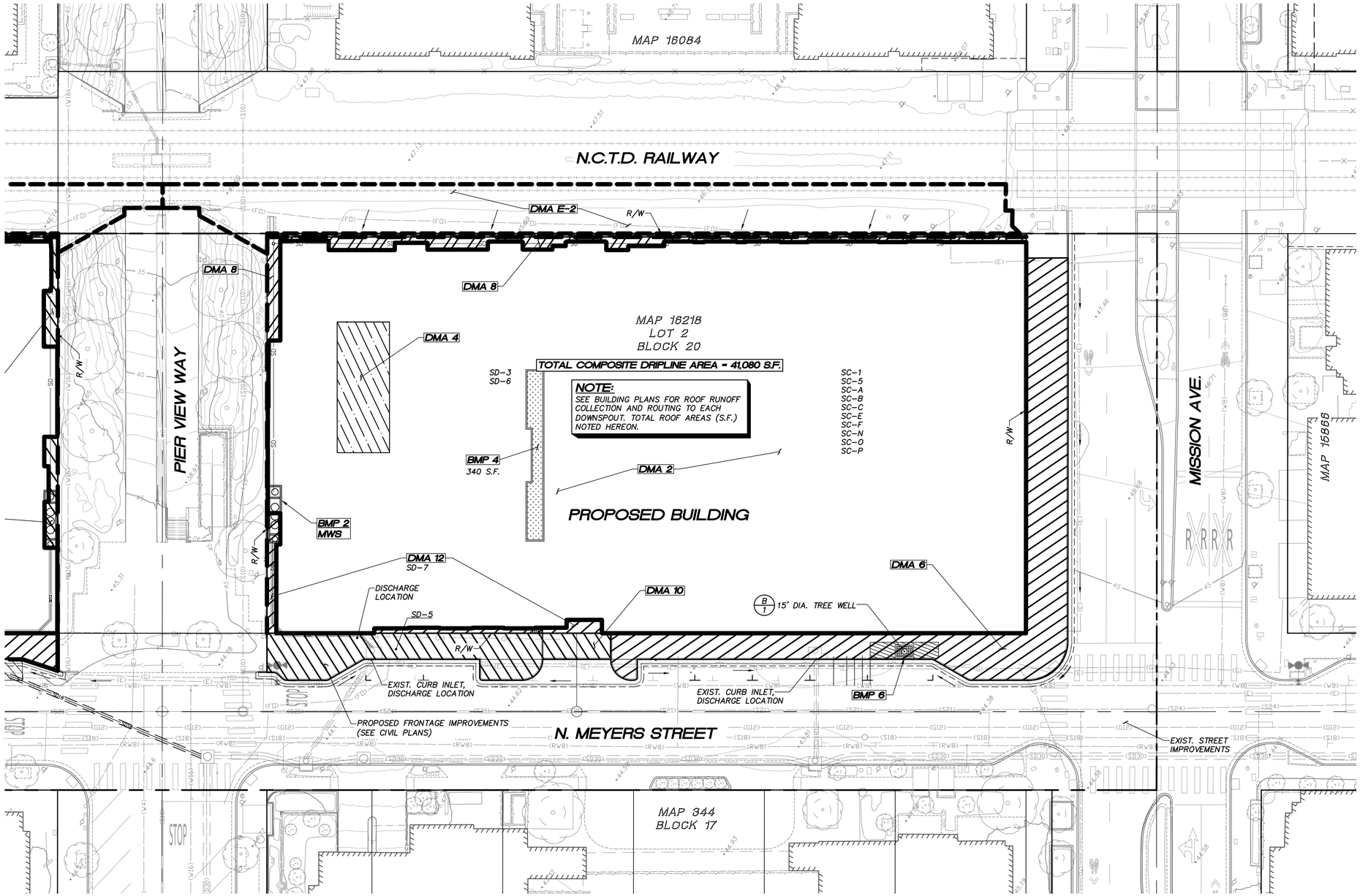
PROPOSED DMA EXHIBIT FOR:
OCEANSIDE BLOCK 20



LEGEND

DESCRIPTION

- PROPERTY LINE (E)/PROJECT BOUNDARY
- RIGHT-OF-WAY (R/W)
- EXIST. CURB AND GUTTER
- EXIST. CONTOUR (45)
- PROPOSED BASIN LIMITS
- COMPOSITE BUILDING DRIPLINE
- DIRECTION OF DRAINAGE
- SMALL DIAMETER STORM DRAIN PIPE SIZE PER PLAN (SD — SD)
- LARGE DIAMETER STORM DRAIN PIPE SIZE PER PLAN
- BMP 4
- DMA 4
- DMA 6

SOURCE CONTROL BMPS

SC-1 PREVENT ILLICIT DISCHARGES
SC-2 STORM STENCILING OR SIGNAGE – CURB INLET
SC-5 PROTECT TRASH & RECYCLING AREAS (IN GARAGE).
SC-A ONSITE STORM DRAIN INLETS – MARK ALL INLETS
SC-B INTERIOR FLOOR DRAINS AND ELEVATOR SHAFT PUMPS – CONNECT TO SEWER
SC-C INTERIOR PARKING GARAGE – FLOOR DRAIN TO SEWER
SC-D LANDSCAPE USING PEST RESISTANT PLANTS/COMMERCIAL MAINTENANCE
SC-E POOLS SPAS PONDS AND FOUNTAIN – PROVIDE SEWER CONNECTION FOR DRAINING.
SC-F FOOD SERVICE – FLOOD DRAINS CONNECTED TO SEWER
SC-N FIRE SPRINKLER TEST WATER – PROVIDE DRAIN TO SANITARY SEWER FOR TEST WATER.
SC-O MISCELLANEOUS DRAIN OR WASH WATER: DIRECTED TO SEWER OR LANDSCAPE AREAS
SC-P PLAZA, SIDEWALKS AND PARKING GARAGE: PROVIDE REGULAR SWEEPING. WASH WATER TO BE COLLECTED AND DISCHARGE TO SANITARY SEWER.

SITE DESIGN BMPS

SD-3 MINIMIZE IMPERVIOUS AREA – MULTI-STORY BLDG & UNDERGROUND PARKING
SD-5 IMPERVIOUS AREA DISPERSION (GREEN STREETS)
SD-6 RUNOFF COLLECTION
SD-7 LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES

NOTE:
SEE SHEET 1 FOR NOTES AND DETAILS.

NOTE:
SEE SHEET 1 FOR DMA SUMMARY TABLE.

NOTE:
STREET TREE WITH PLANTER, LOCATIONS TO BE DETERMINED DURING FINAL DESIGN.

NOTE:
DMA 4 IS THE ROOF AREA REQUIRED FOR BMP 4 (A/1). (RAISED PLANTER)

SCALE: 1" = 20'

GRAPHIC SCALE
20' 0 20' 40' 60'

PROPOSED DMA EXHIBIT FOR:
OCEANSIDE BLOCK 20

REGISTERED PROFESSIONAL ENGINEER
ALLEN L. BUTCHER
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Placeholder – **Tabular Summary of DMAs (if separate from DMA Exhibit)**

Leave placeholder intact if not applicable.

☒Not Applicable – Tabular Summary included on DMA Exhibit

BMP-2 (Block 5 Retention Planter)

Block 5 - DMA 1 & 7 + E-1 BMP-1

Worksheet 0-1. DCV

Design Capture Volume		Worksheet B-2.1		
1	85th percentile 24-hr storm depth from Figure B.1-1	d=	0.58	inches
2	Area tributary to BMP (s)	A=	1.111	acres
3	Area weighted runoff factor (estimate using Appendix B.1.1 and B.2.1)	C=	0.792	unitless
4	Street trees volume reduction	TCV=	0.00	cubic-feet
5	Rain barrels volume reduction	RCV=	0.00	cubic-feet
6	Calculate DCV = (3630 x C x d x A) – TCV - RCV	DCV=	1,852	cubic-feet

Worksheet B.6-1: Flow-Thru Design Flows

Flow-thru Design Flows		Worksheet B.6-1		
1	DCV	DCV	1,852	cubic-feet
2	DCV retained	$DCV_{retained}$	0	cubic-feet
3	DCV biofiltered	$DCV_{biofilter}$	1,852	cubic-feet
4	DCV requiring flow-thru	DCV_{flow-}	1,852	cubic-feet
5	Adjustment factor (Line 4 / Line 1)*	AF=	1	unitless
6	Design rainfall intensity	i=	0.20	in/hr
7	Area tributary to BMP (s)	A=	1.1109	acres
8	Area-weighted runoff factor (estimate using Appendix B.2)	C=	0.792	unitless
9	Calculate Flow Rate = AF x (C x i x A)	Q=	0.176	cfs
10	Required 1.5x Inflation (Line 9 x 1.5)	Q=	0.264	cfs
11	**Provided treatment - MWS Unit L-4-21-4 Modified**	**Q=**	**0.268**	**cfs**

BMP-4 (Block 20 Retention Planter)

Block 20 - DMA 2 & 8 + E-2 BMP-2

Worksheet 0-1. DCV

Design Capture Volume		Worksheet B-2.1		
1	85th percentile 24-hr storm depth from Figure B.1-1	d=	0.58	inches
2	Area tributary to BMP (s)	A=	1.102	acres
3	Area weighted runoff factor (estimate using Appendix B.1.1 and B.2.1)	C=	0.792	unitless
4	Street trees volume reduction	TCV=	0.00	cubic-feet
5	Rain barrels volume reduction	RCV=	0.00	cubic-feet
6	Calculate DCV = (3630 x C x d x A) – TCV - RCV	DCV=	1,838	cubic-feet

Worksheet B.6-1: Flow-Thru Design Flows

Flow-thru Design Flows		Worksheet B.6-1		
1	DCV	DCV	1,838	cubic-feet
2	DCV retained	$DCV_{retained}$	0	cubic-feet
3	DCV biofiltered	$DCV_{biofilter}$	1,838	cubic-feet
4	DCV requiring flow-thru	DCV_{flow-}	1,838	cubic-feet
5	Adjustment factor (Line 4 / Line 1)*	AF=	1	unitless
6	Design rainfall intensity	i=	0.20	in/hr
7	Area tributary to BMP (s)	A=	1.1022	acres
8	Area-weighted runoff factor (estimate using Appendix B.2)	C=	0.792	unitless
9	Calculate Flow Rate = AF x (C x i x A)	Q=	0.175	cfs
10	Required 1.5x Inflation (Line 9 x 1.5)	Q=	0.262	cfs
11	**Provided treatment - MWS Unit L-4-21-4 Modified**	**Q=**	**0.268**	**cfs**

Harvest and Use Feasibility Checklist **EXEMPT – LESS THAN 9 STORIES**	Form I-7

1. Is there a demand for harvested water (check all that apply) at the project site that is reliably present during the wet season?

☐ Toilet and urinal flushing: **Residential @ 9.3 gal/day/person + Retail @ 7 gal/day/employee**

☐ Landscape irrigation: **Plant Factor @ Hydrazone -0.2/Low Plant Water Use = 390 gal/36 hours**

☐ Other:_____ **Irrigation Demand = 2.8 x [(0.2 x 390)/0.9] x 0.015 = 3.64 cf/36hrs/acre**

2. If there is a demand; estimate the anticipated average wet season demand over a period of 36 hours. Guidance for planning level demand calculations for toilet/urinal flushing and landscape irrigation is provided in Section B.3.2.

3. Calculate the DCV using worksheet B-2.1.

DCV = _____ (cubic feet);

3a. Is the 36 hour demand greater than or equal to the DCV?	3b. Is the 36 hour demand greater than 0.25DCV but less than the full DCV?	3c. Is the 36 hour demand less than 0.25DCV?
☐ Yes / ☐ No ⇨ ⇩	☒ Yes / ☒ No ⇨ ⇩	☐ Yes ⇩
Harvest and use appears to be feasible. Conduct more detailed evaluation and sizing calculations to confirm that DCV can be used at an adequate rate to meet drawdown criteria.	Harvest and use may be feasible. Conduct more detailed evaluation and sizing calculations to determine feasibility. Harvest and use may only be able to be used for a portion of the site, or (optionally) the storage may need to be upsized to meet long term capture targets while draining in longer than 36 hours.	Harvest and use is considered to be infeasible.

Is harvest and use feasible based on further evaluation?

☐ Yes, refer to Appendix E to select and size harvest and use BMPs.

☒ No, select alternate BMPs.

Categorization of Infiltration Feasibility Condition	Form I-8

Part 1 - Full Infiltration Feasibility Screening Criteria

Would infiltration of the full design volume be feasible from a physical persp ctive without any undesirable consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
1	**Is the estimated reliable infiltration rate below proposed facility locations greater than 0.5 inches per hour?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.	☐	☒

Provide basis:

Based on our field percolation testing, the infiltration rates of the soils at the subject site are less than 0.5 inches per hour. The calculated infiltration rate via the Porchet Method with an applied factor of safety of 2 ranges from 0.056 to 0.075 inches per hour.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.

2	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.	☐	☒

Provide basis:

Infiltration rate is less than 0.5 inches per hour.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.

Form I-8 Page 2 of 4			
Criteria	Screening Question	**Yes**	**No**
3	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of groundwater contamination (shallow water table, storm water pollutants or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☐	☒
Provide basis: Infiltration rate is less than 0.5 inches per hour. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.			
4	**Can infiltration greater than 0.5 inches per hour be allowed without causing potential water balance issues such as change of seasonality of ephemeral streams or increased discharge of contaminated groundwater to surface waters?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☐	☒
Provide basis: Infiltration rate is less than 0.5 inches per hour. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.			
Part 1 Result *	If all answers to rows 1 - 4 are "**Yes**" a full infiltration design is potentially feasible. The feasibility screening category is **Full Infiltration** If any answer from row 1-4 is "**No**", infiltration may be possible to some extent but would not generally be feasible or desirable to achieve a "full infiltration" design. Proceed to Part 2	☐Full Infiltration ☒No	

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

Form I-8 Page 3 of 4

Part 2 – Partial Infiltration vs. No Infiltration Feasibility Screening Criteria

Would infiltration of water in any appreciable amount be physically feasible without any negative consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
5	**Do soil and geologic conditions allow for infiltration in any appreciable rate or volume?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.	☒	☐

Provide basis:

Based on our field percolation testing, the calculated infiltration rates of the soils at the subject site are beetween 0.5 and 0.01 inches per hour, which is currently assumed to be a "partial infiltration" condition. The calculated infiltration rate via the Porchet Method with an applied safety factor of 2 is between 0.056 and 0.075 inches per hour.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

6	**Can Infiltration in any appreciable quantity be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.	☐	☒

Provide basis:

For a "partial infiltration" condition (between 0.5 and 0.01 inches per hour), the risk of geotechnical hazards may be increased by partial infiltration (i.e. location of adjacent underground utilities/structures, and down gradient off site coastal bluff slope.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

Form I-8 Page 4 of 4

Criteria	Screening Question	Yes	No
7	**Can Infiltration in any appreciable quantity be allowed without posing significant risk for groundwater related concerns (shallow water table, storm water pollutants or other factors)?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☒	☐

Provide basis:

For a "partial infiltration" condition (between 0.5 and 0.01 inches per hour), the risk of groundwater contamination will not be increased by partial infiltration provided there are no contaminated soil or groundwater sites within 250 feet of the proposed infiltration site. In addition, nearby geotechnical data indicates groundwater is greater than 35 feet bgs.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

8	**Can infiltration be allowed without violating downstream water rights**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☒	☐

Provide basis:

For a "partial infiltration" condition (btw 0.5 and 0.01 inches per hour), violation of downstream water rights is not anticipated based on the site location and that there are no unlined site drainages/creeks/streams within 250 feet of the proposed infiltration site.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

Part 2 Result*	If all answers from row 1-4 are yes then partial infiltration design is potentially feasible. The feasibility screening category is **Partial Infiltration.** If any answer from row 5-8 is no, then infiltration of any volume is considered to be **infeasible** within the drainage area. The feasibility screening category is **No Infiltration.**	☐Partial Infiltration ☒No Infiltration

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

Block 5 & 20

Infiltration Restrictions		Form 4	
Retention is required at the project site to the maximum extent practicable. Complete this form to summarize applicable infiltration restrictions. Supporting documentation must be provided in the Attachments.			
	Restriction Element	**Applicable?**	
Mandatory Considerations	BMP is within 100 feet of contaminated soils	☐ Yes	☒ No
	BMP is within 100 feet of industrial activities lacking source control	☐ Yes	☒ No
	BMP is within 100 feet of well/groundwater basin	☐ Yes	☒ No
	BMP is within 50 feet of septic tanks/leach fields	☐ Yes	☒ No
	BMP is within 10 feet of structures/tanks/walls	☐ Yes	☒ No
	BMP is within 10 feet of sewer utilities	☐ Yes	☒ No
	BMP is within 10 feet of groundwater table	☐ Yes	☒ No
	BMP is within hydric soils	☐ Yes	☒ No
	BMP is within highly liquefiable soils and has connectivity to structures	☐ Yes	☒ No
	BMP is within 1.5 times the height of adjacent steep slopes (≥25%)	☐ Yes	☒ No
	City staff has assigned "Restricted" Infiltration Category	☐ Yes	☐ No
Optional Considerations	BMP is within predominantly Type D soil	☐ Yes	☒ No
	BMP is within 10 feet of property line	☒ Yes	☐ No
	BMP is within fill depths of ≥5 feet (existing or proposed)	☐ Yes	☒ No
	BMP is within 10 feet of underground utilities	☐ Yes	☒ No
	BMP is within 250 feet of ephemeral stream	☐ Yes	☒ No
	Other (provide detailed geotechnical support in Attachment 6)	☒ Yes	☐ No
Result	**Unrestricted** – No restriction elements are applicable	☐	
	Restricted – One or more restriction elements are applicable	☒	

Block 5 - DMA 1 & 7 + E-1 BMP-1

Worksheet 0-1. DCV

Design Capture Volume		Worksheet B-2.1		
1	85th percentile 24-hr storm depth from Figure B.1-1	d=	0.58	inches
2	Area tributary to BMP (s)	A=	1.111	acres
3	Area weighted runoff factor (estimate using Appendix B.1.1 and B.2.1)	C=	0.792	unitless
4	Street trees volume reduction	TCV=	0.00	cubic-feet
5	Rain barrels volume reduction	RCV=	0.00	cubic-feet
6	Calculate DCV = (3630 x C x d x A) – TCV - RCV	DCV=	1,852	cubic-feet

Worksheet B.6-1: Flow-Thru Design Flows

Flow-thru Design Flows		Worksheet B.6-1		
1	DCV	DCV	1,852	cubic-feet
2	DCV retained	$DCV_{retained}$	0	cubic-feet
3	DCV biofiltered	$DCV_{biofilter}$	1,852	cubic-feet
4	DCV requiring flow-thru	DCV_{flow-}	1,852	cubic-feet
5	Adjustment factor (Line 4 / Line 1)*	AF=	1	unitless
6	Design rainfall intensity	i=	0.20	in/hr
7	Area tributary to BMP (s)	A=	1.1109	acres
8	Area-weighted runoff factor (estimate using Appendix B.2)	C=	0.792	unitless
9	Calculate Flow Rate = AF x (C x i x A)	Q=	0.176	cfs
10	Required 1.5x Inflation (Line 9 x 1.5)	Q=	0.264	cfs
11	**Provided treatment - MWS Unit L-4-21-4 Modified**	**Q=**	**0.268**	**cfs**

Block 20 - DMA 2 & 8 + E-2 BMP-2

Worksheet 0-1. DCV

Design Capture Volume		Worksheet B-2.1		
1	85th percentile 24-hr storm depth from Figure B.1-1	d=	0.58	inches
2	Area tributary to BMP (s)	A=	1.102	acres
3	Area weighted runoff factor (estimate using Appendix B.1.1 and B.2.1)	C=	0.792	unitless
4	Street trees volume reduction	TCV=	0.00	cubic-feet
5	Rain barrels volume reduction	RCV=	0.00	cubic-feet
6	Calculate DCV = (3630 x C x d x A) – TCV - RCV	DCV=	1,838	cubic-feet

Worksheet B.6-1: Flow-Thru Design Flows

Flow-thru Design Flows		Worksheet B.6-1		
1	DCV	DCV	1,838	cubic-feet
2	DCV retained	$DCV_{retained}$	0	cubic-feet
3	DCV biofiltered	$DCV_{biofilter}$	1,838	cubic-feet
4	DCV requiring flow-thru	DCV_{flow-}	1,838	cubic-feet
5	Adjustment factor (Line 4 / Line 1)*	AF=	1	unitless
6	Design rainfall intensity	i=	0.20	in/hr
7	Area tributary to BMP (s)	A=	1.1022	acres
8	Area-weighted runoff factor (estimate using Appendix B.2)	C=	0.792	unitless
9	Calculate Flow Rate = AF x (C x i x A)	Q=	0.175	cfs
10	Required 1.5x Inflation (Line 9 x 1.5)	Q=	0.262	cfs
11	**Provided treatment - MWS Unit L-4-21-4 Modified**	**Q=**	**0.268**	**cfs**

Oceanside Block 5 & 20

UPDATED 1/30/2025

0.90 Impervious Coefficient
0.30 Pervious Coefficent
0.58 85th Percentile

Soil Type D

DMA & BMP SUMMARY TABLE

DMA NO	TOTAL AREA (SF)	EXISTING IMPERVIOUS REPAIR (PUB) (SF)	NEW IMPERVIOUS AREA (PUB) (SF)	NET IMPERVIOUS AREA (SF)	IMPERVIOUS (%)	PERVIOUS (SF)	ADJUSTED IMPERVIOUS AREA (SF)	AREA WEIGHTED RUNOFF FACTOR	DCV (CF)	REQ'D TREATMENT FLOW RATE (CFS)	REQ'D TREATMENT FLOW RATE (150%) (CFS)	PROVIDED FLOWRATE	BMP TYPE / STANDARD	BMP ID
DMA 1	41,260	-	-	39,197	95%	2,063	35,896	0.870	1,735	0.165	0.247	0.268	PROPRIETARY BIOFILTRATION BF-3	BMP1
DMA-7	816	-	-	454	56%	362	517	0.634	25	0.002	0.251	0.268	PROPRIETARY BIOFILTRATION BF-3	BMP1
E-1	6,316	0	0	0	0%	6,316	1,895	0.300	92	0.009	0.264	0.268	PROPRIETARY BIOFILTRATION BF-3	BMP1
DMA 3	1,000	-	-	950	95%	50	870	0.870	42	-	-	-	BIOFILTRATION BF-1	BMP3
DMA-11	1,185	-	-	902	76%	283	897	0.757	43	-	-	-	TREE WELL - LOT 5	BMP5
DMA-13	393	-	-	30	8%	363	136	0.346	7	-	-	-	TREE WELL - LOT 5	BMP5
DMA-5	1,439	1,229	1,257	0	0%	230	69	0.048	3	-	-	-	GREEN STREETS - LOT 5	BMP5
DMA-9	1,883	1,748	1,795	47	3%	162	91	0.048	4	-	-	-	GREEN STREETS - LOT 5	BMP5
DMA 2	41,080	-	-	39,026	95%	2,054	35,740	0.870	1,727	0.164	0.246	0.268	PROPRIETARY BIOFILTRATION BF-3	BMP2
DMA-8	962	-	-	350	36%	612	499	0.518	24	0.002	0.250	0.268	PROPRIETARY BIOFILTRATION BF-3	BMP2
E-2	5,968	0	0	0	0%	5,968	1,790	0.300	87	0.008	0.262	0.268	PROPRIETARY BIOFILTRATION BF-3	BMP2
DMA 4	1,000	-	-	950	95%	50	870	0.870	42	-	-	-	BIOFILTRATION BF-1	BMP4
DMA-12	395	-	-	332	84%	63	318	0.804	15	-	-	-	TREE WELL - LOT 20	BMP6
DMA-6	4,420	3,821	3,946	126	3%	525	270	0.061	13	-	-	-	GREEN STREETS - LOT 20	BMP6
DMA-10	1,718	1,039	1,369	330	19%	498	446	0.260	22	-	-	-	GREEN STREETS - LOT 20	BMP6
SITE	88,091	0	0	82,191	93%	5,900	75,742	0.860	3,661					
RR	12,284	0	0	0	0%	12,284	3,685	0.300	178					
STREET	9,460	7,836	8,367	503	5%	1,415	877	0.093	42					
TOTAL	109,835	7,836	8,367	82,694	82%	19,598	79,858	0.727	3,881					

Net Impervious Green Streets

Att 1 Tree Well Sizing

SSD-BMP Automated Worksheet I-1: Step 1. Calculation of Design Capture Volume (V1.0)

Category	#	Description	i	ii	iii	iv	v	vi	vii	Units
Standard Drainage Basin Inputs	1	Drainage Basin ID or Name	DMA 11+13	DMA5+9	Lot 5		DMA 12	DMA 6 + 10	Lot 20 Tree	unitless
	2	85th Percentile 24-hr Storm Depth	0.58	0.58	0.58		0.58	0.58	0.58	inches
	3	Is Hydromodification Control Applicable?	No	No	No		No	No	No	yes/no
	4	Impervious Surfaces Not Directed to Dispersion Area (C=0.90)	932	47.23	979		332	456	788	sq-ft
	5	Semi-Pervious Surfaces Not Serving as Dispersion Area (C=0.30)								sq-ft
	6	Engineered Pervious Surfaces Not Serving as Dispersion Area (C=0.10)								sq-ft
	7	Natural Type A Soil Not Serving as Dispersion Area (C=0.10)								sq-ft
	8	Natural Type B Soil Not Serving as Dispersion Area (C=0.14)								sq-ft
	9	Natural Type C Soil Not Serving as Dispersion Area (C=0.23)								sq-ft
	10	Natural Type D Soil Not Serving as Dispersion Area (C=0.30)	646	392	1,038		63	1,023	1,086	sq-ft
SSD-BMPs Proposed	11	Does Tributary Incorporate Dispersion and/or Rain Barrels?								yes/no
	12	Does Tributary Incorporate Tree Wells?								yes/no
Dispersion Area & Rain Barrel Inputs (Optional)	13	Impervious Surfaces **Directed to Dispersion Area** per SD-B (Ci=0.90)								sq-ft
	14	Semi-Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.30)								sq-ft
	15	Engineered Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.10)								sq-ft
	16	Natural Type A Soil **Serving as Dispersion Area** per SD-B (Ci=0.10)								sq-ft
	17	Natural Type B Soil **Serving as Dispersion Area** per SD-B (Ci=0.14)								sq-ft
	18	Natural Type C Soil **Serving as Dispersion Area** per SD-B (Ci=0.23)								sq-ft
	19	Natural Type D Soil **Serving as Dispersion Area** per SD-B (Ci=0.30)								sq-ft
	20	Number of Rain Barrels Proposed per SD-E								#
	21	Average Rain Barrel Size								gal
Initial Runoff Factor Calculation	22	Total Tributary Area	1,578	439	2,017	0	395	1,478	1,873	sq-ft
	23	Initial Runoff Factor for Standard Drainage Areas	0.65	0.36	0.59	0.00	0.80	0.48	0.55	unitless
	24	Initial Runoff Factor for Dispersed & Dispersion Areas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	unitless
	25	Initial Weighted Runoff Factor	0.65	0.36	0.59	0.00	0.80	0.48	0.55	unitless
	26	Initial Design Capture Volume	50	8	58	0	15	34	50	cubic-feet
Dispersion Area Adjustment & Rain Barrel Adjustment	27	Total Impervious Area Dispersed to Pervious Surface	0	0	0	0	0	0	0	sq-ft
	28	Total Pervious Dispersion Area	0	0	0	0	0	0	0	sq-ft
	29	Ratio of Dispersed Impervious Area to Pervious Dispersion Area for DCV Reduction	n/a	n/a	n/a	n/a	n/a	n/a	n/a	ratio
	30	Adjustment Factor for Dispersed & Dispersion Areas	1.00	1.00	1.00	1.00	1.00	1.00	1.00	ratio
	31	Runoff Factor After Dispersion Techniques	0.65	0.36	0.59	n/a	0.80	0.48	0.55	unitless
	32	Design Capture Volume After Dispersion Techniques	50	8	58	0	15	34	50	cubic-feet
	33	Total Rain Barrel Volume Reduction	0	0	0	0	0	0	0	cubic-feet
Results	34	Final Adjusted Runoff Factor	0.65	0.36	0.59	0.00	0.80	0.48	0.55	unitless
	35	Final Effective Tributary Area	1,026	158	1,190	0	316	709	1,030	sq-ft
	36	Initial Design Capture Volume Retained by Dispersion Area and Rain Barrel(s)	0	0	0	0	0	0	0	cubic-feet
	37	Remaining Design Capture Volume Tributary to Tree Well(s)	50	8	58	0	15	34	50	cubic-feet

No Warning Messages

Total DCV = Site + Frontage Green Streets

SSD-BMP Automated Worksheet I-3: Step 3. Tree Well Sizing (V1.0)

Category	#	Description	i	ii	iii	iv	v	vi	vii	Units
Standard Tree Well Inputs	1	Drainage Basin ID or Name	DMA 11+13	DMA5+9	Lot 5	-	DMA 12	DMA 6 + 10	Lot 20 Tree	unitless
	2	Design Capture Volume Tributary to BMP	50	8	58	-	15	34	50	cubic-feet
	3	Is Hydromodification Control Applicable?	No	No	No	-	No	No	No	yes/no
	4	Predominant NRCS Soil Type Within Tree Well(s) Location	D	D	D		D	D	D	unitless
	5	Select a Tree Species for the Tree Well(s) Consistent with SD-A Tree Palette Table Note: Numbers shown in list are Tree Species Mature Canopy Diameters	15' - Other	15' - Other	15' - Other		15' - Other	15' - Other	15' - Other	unitless
	6	Tree Well(s) Soil Depth (Installation Depth) Must be 30, 36, 42, or 48 Inches; Select from Standard Depths**	48	48	48		48	48	48	inches
	7	Number of Identical* Tree Wells Proposed for this DMA	1	1	1		1	1	1	trees
	8	Proposed Width of Tree Well(s) Soil Installation for One (1) Tree	6.0	6.0	6.0		6.0	6.0	6.0	feet
	9	Proposed Length of Tree Well(s) Soil Installation for One (1) Tree	15.0	15.0	15.0		15.0	15.0	15.0	feet
Tree Data	10	Botanical Name of Tree Species	Provide in PDP SWQMP	Provide in PDP SWQMP	Provide in PDP SWQMP	-	Provide in PDP SWQMP	Provide in PDP SWQMP	Provide in PDP SWQMP	unitless
	11	Tree Species Mature Height per SD-A	Provide in PDP SWQMP	Provide in PDP SWQMP	Provide in PDP SWQMP	-	Provide in PDP SWQMP	Provide in PDP SWQMP	Provide in PDP SWQMP	feet
	12	Tree Species Mature Canopy Diameter per SD-A	15	15	15	-	15	15	15	feet
	13	Minimum Soil Volume Required In Tree Well (2 Cubic Feet Per Square Foot of Mature Tree Canopy Projection Area)	353	353	353	-	353	353	353	cubic-feet
	14	Credit Volume Per Tree	100	100	100	-	100	100	100	cubic-feet
Tree Well Sizing Calculations	15	DCV Multiplier To Meet Flow Control Requirements	n/a	n/a	n/a	-	n/a	n/a	n/a	unitless
	16	Required Retention Volume (RRV) To Meet Flow Control Requirements	n/a	n/a	n/a	-	n/a	n/a	n/a	cubic-feet
	17	Number of Trees Required	1	1	1	-	1	1	1	trees
	18	Total Area of Tree Well Soil Required for Each Tree	88	88	88	-	88	88	88	sq-ft
	19	Approximate Required Width of Tree Well Soil Area for Each Tree	10	10	10	-	10	10	10	feet
	20	Approximate Required Length of Tree Well Soil Area for Each Tree	10	10	10	-	10	10	10	feet
	21	Number of Trees Proposed for this DMA	1	1	1	-	1	1	1	trees
	22	Total Area of Tree Well Soil Proposed for Each Tree	90	90	90	-	90	90	90	sq-ft
	23	Minimum Spacing Between Multiple Trees To Meet Soil Area Requirements (when applicable)***	n/a	n/a	n/a	-	n/a	n/a	n/a	feet
Results	24	Are Tree Well Soil Installation Requirements Met?	Yes	Yes	Yes	-	Yes	Yes	Yes	yes/no
	25	Is Remaining DCV Requirement Fully Satisfied by Tree Well(s)?	Yes	Yes	Yes	-	Yes	Yes	Yes	yes/no
	26	Is Hydromodification Control Requirement Satisfied by Tree Well(s)?	n/a	n/a	n/a	-	n/a	n/a	n/a	yes/no

Attention!

-[Line 12] Applicant to provide supporting documentation for tree species in PDP SWQMP.

Notes:

*If using more than one mature canopy diameter within the same DMA, entered. Alternatively, if more than one mature canopy diameter is proposed and/or the dimensions of multiple tree well installations will vary, separate DMAs m

**If the actual proposed installation depth is not available in the table of

***Tree Canopy or Agency Requirements May Also Influence the Minim

Combined to single 15' Dia Tree Well required for each block

Note: Treatment will be based upon equivalent areas. Tributary areas to each tree will include portion of the site DMAs, street frontage (unadjusted), and the existing street pavement.

VR Calculations

Automated Worksheet B.1: Calculation of Design Capture Volume (V2.0)

Category	#	Description	i	ii	iii	iv	v	vi	vii	viii	ix	x	Units
Standard Drainage Basin Inputs	1	Drainage Basin ID or Name	DMA 1,3, 7,11,13 E-1	DMA 2, 4, 8, 12 E-2	DMA 3	DMA-4	DMA 11&13	DMA 5	DMA 9	DMA 12	DMA 6	DMA 10	unitless
	2	85th Percentile 24-hr Storm Depth	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	inches
	3	Impervious Surfaces Not Directed to Dispersion Area (C=0.90)	41,533	40,658	950	950	932	0	47	332	126	330	sq-ft
	4	Semi-Pervious Surfaces Not Serving as Dispersion Area (C=0.30)											sq-ft
	5	Engineered Pervious Surfaces Not Serving as Dispersion Area (C=0.10)											sq-ft
	6	Natural Type A Soil Not Serving as Dispersion Area (C=0.10)											sq-ft
	7	Natural Type B Soil Not Serving as Dispersion Area (C=0.14)											sq-ft
	8	Natural Type C Soil Not Serving as Dispersion Area (C=0.23)											sq-ft
	9	Natural Type D Soil Not Serving as Dispersion Area (C=0.30)	9,437	8,747	50	50	646	230	162	63	525	498	sq-ft
Dispersion Area, Tree Well & Rain Barrel Inputs (Optional)	10	Does Tributary Incorporate Dispersion, Tree Wells, and/or Rain Barrels?	No	No	No	No	No	No	No	No	No	No	yes/no
	11	Impervious Surfaces **Directed to Dispersion Area** per SD-B (Ci=0.90)											sq-ft
	12	Semi-Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.30)											sq-ft
	13	Engineered Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.10)											sq-ft
	14	Natural Type A Soil **Serving as Dispersion Area** per SD-B (Ci=0.10)											sq-ft
	15	Natural Type B Soil **Serving as Dispersion Area** per SD-B (Ci=0.14)											sq-ft
	16	Natural Type C Soil **Serving as Dispersion Area** per SD-B (Ci=0.23)											sq-ft
	17	Natural Type D Soil **Serving as Dispersion Area** per SD-B (Ci=0.30)											sq-ft
	18	Number of Tree Wells Proposed per SD-A											#
	19	Average Mature Tree Canopy Diameter											ft
	20	Number of Rain Barrels Proposed per SD-E											#
	21	Average Rain Barrel Size											gal
Initial Runoff Factor Calculation	22	Total Tributary Area	50,970	49,405	1,000	1,000	1,578	230	209	395	650	828	sq-ft
	23	Initial Runoff Factor for Standard Drainage Areas	0.79	0.79	0.87	0.87	0.65	0.30	0.44	0.80	0.42	0.54	unitless
	24	Initial Runoff Factor for Dispersed & Dispersion Areas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	unitless
	25	Initial Weighted Runoff Factor	0.79	0.79	0.87	0.87	0.65	0.30	0.44	0.80	0.42	0.54	unitless
	26	Initial Design Capture Volume	1,946	1,886	42	42	50	3	4	15	13	22	cubic-feet
Dispersion Area Adjustments	27	Total Impervious Area Dispersed to Pervious Surface	0	0	0	0	0	0	0	0	0	0	sq-ft
	28	Total Pervious Dispersion Area	0	0	0	0	0	0	0	0	0	0	sq-ft
	29	Ratio of Dispersed Impervious Area to Pervious Dispersion Area	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	ratio
	30	Adjustment Factor for Dispersed & Dispersion Areas	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	ratio
	31	Runoff Factor After Dispersion Techniques	0.79	0.79	0.87	0.87	0.65	0.30	0.44	0.80	0.42	0.54	unitless
	32	Design Capture Volume After Dispersion Techniques	1,946	1,886	42	42	50	3	4	15	13	22	cubic-feet
Tree & Barrel Adjustments	33	Total Tree Well Volume Reduction	0	0	0	0	0	0	0	0	0	0	cubic-feet
	34	Total Rain Barrel Volume Reduction	0	0	0	0	0	0	0	0	0	0	cubic-feet
Results	35	Final Adjusted Runoff Factor	0.79	0.79	0.87	0.87	0.65	0.30	0.44	0.80	0.42	0.54	unitless
	36	Final Effective Tributary Area	40,266	39,030	870	870	1,026	69	92	316	273	447	sq-ft
	37	Initial Design Capture Volume Retained by Site Design Elements	0	0	0	0	0	0	0	0	0	0	cubic-feet
	38	Final Design Capture Volume Tributary to BMP	1,946	1,886	42	42	50	3	4	15	13	22	cubic-feet

No Warning Messages

Automated Worksheet B.2: Retention Requirements (V2.0)

Category	#	Description	i	ii	iii	iv	Units
Basic Analysis	1	Drainage Basin ID or Name	DMA 1,3, 7,11,13 E-1	DMA 2, 4, 8, 12 E-2	DMA 3	DMA-4	unitless
	2	85th Percentile Rainfall Depth	0.58	0.58	0.58	0.58	inches
	3	Predominant NRCS Soil Type Within BMP Location	D	D	D	D	unitless
	4	Is proposed BMP location Restricted or Unrestricted for Infiltration Activities?	Restricted	Restricted	Restricted	Restricted	unitless
	5	Nature of Restriction	Structures	Structures	Structures	Structures	unitless
	6	Do Minimum Retention Requirements Apply to this Project?	Yes	Yes	Yes	Yes	yes/no
	7	Are Habitable Structures Greater than 9 Stories Proposed?	No	No	No	No	yes/no
Advanced Analysis	8	Has Geotechnical Engineer Performed an Infiltration Analysis?	No	No	No	No	yes/no
	9	Design Infiltration Rate Recommended by Geotechnical Engineer					in/hr
Result	10	Design Infiltration Rate Used To Determine Retention Requirements	0.000	0.000	0.000	0.000	in/hr
	11	Percent of Average Annual Runoff that Must be Retained within DMA	4.5%	4.5%	4.5%	4.5%	percentage
	12	Fraction of DCV Requiring Retention	0.02	0.02	0.02	0.02	ratio
	13	Required Retention Volume	39	38	1	1	cubic-feet

No Warning Messages

VR Required

Automated Worksheet B.3: BMP Performance (V2.0)

Category	#	Description	i	ii	iii	iv	Units
BMP Inputs	1	Drainage Basin ID or Name	DMA 1,3, 7,11,13 E-1	DMA 2, 4, 8, 12 E-2	DMA 3	DMA-4	sq-ft
	2	Design Infiltration Rate Recommended	0.000	0.000	0.000	0.000	in/hr
	3	Design Capture Volume Tributary to BMP	1,946	1,886	42	42	cubic-feet
	4	Is BMP Vegetated or Unvegetated?			Vegetated	Vegetated	unitless
	5	Is BMP Impermeably Lined or Unlined?			Lined	Lined	unitless
	6	Does BMP Have an Underdrain?			Underdrain	Underdrain	unitless
	7	Does BMP Utilize Standard or Specialized Media?			Standard	Standard	unitless
	8	Provided Surface Area			350	340	sq-ft
	9	Provided Surface Ponding Depth			10	10	inches
	10	Provided Soil Media Thickness			18	18	inches
	11	Provided Gravel Thickness (Total Thickness)			24	24	inches
	12	Underdrain Offset			3	3	inches
	13	Diameter of Underdrain or Hydromod Orifice (Select Smallest)			8.00	8.00	inches
	14	Specialized Soil Media Filtration Rate					in/hr
	15	Specialized Soil Media Pore Space for Retention					unitless
	16	Specialized Soil Media Pore Space for Biofiltration					unitless
	17	Specialized Gravel Media Pore Space					unitless
Retention Calculations	18	Volume Infiltrated Over 6 Hour Storm			0	0	cubic-feet
	19	Ponding Pore Space Available for Retention			0.00	0.00	unitless
	20	Soil Media Pore Space Available for Retention			0.05	0.05	unitless
	21	Gravel Pore Space Available for Retention (Above Underdrain)			0.00	0.00	unitless
	22	Gravel Pore Space Available for Retention (Below Underdrain)			0.40	0.40	unitless
	23	Effective Retention Depth			2.10	2.10	inches
	24	Fraction of DCV Retained (Independent of Drawdown Time)			1.46	1.42	ratio
	25	Calculated Retention Storage Drawdown Time			120	120	hours
	26	Efficacy of Retention Processes			0.92	0.91	ratio
	27	Volume Retained by BMP (Considering Drawdown Time)			39	38	cubic-feet
	28	Design Capture Volume Remaining for Biofiltration			3	4	cubic-feet
Biofiltration Calculations	29	Max Hydromod Flow Rate through Underdrain			3.2547	3.2547	cfs
	30	Max Soil Filtration Rate Allowed by Underdrain Orifice			401.73	413.54	in/hr
	31	Soil Media Filtration Rate per Specifications			5.00	5.00	in/hr
	32	Soil Media Filtration Rate to be used for Sizing			5.00	5.00	in/hr
	33	Depth Biofiltered Over 6 Hour Storm			30.00	30.00	inches
	34	Ponding Pore Space Available for Biofiltration			1.00	1.00	unitless
	35	Soil Media Pore Space Available for Biofiltration			0.20	0.20	unitless
	36	Gravel Pore Space Available for Biofiltration (Above Underdrain)			0.40	0.40	unitless
	37	Effective Depth of Biofiltration Storage			22.00	22.00	inches
	38	Drawdown Time for Surface Ponding			2	2	hours
	39	Drawdown Time for Effective Biofiltration Depth			4	4	hours
	40	Total Depth Biofiltered			52.00	52.00	inches
	41	Option 1 - Biofilter 1.50 DCV: Target Volume			5	6	cubic-feet
	42	Option 1 - Provided Biofiltration Volume			5	6	cubic-feet
	43	Option 2 - Store 0.75 DCV: Target Volume			3	3	cubic-feet
	44	Option 2 - Provided Storage Volume			3	3	cubic-feet
	45	Portion of Biofiltration Performance Standard Satisfied			1.00	1.00	ratio
Result	46	Do Site Design Elements and BMPs Satisfy Annual Retention Requirements			Yes	Yes	yes/no
	47	Overall Portion of Performance Standard Satisfied (DMA Efficacy Factor)			1.00	1.00	ratio
	48	**Deficit of Effectively Treated Stormwater**			**0**	**0**	cubic-feet

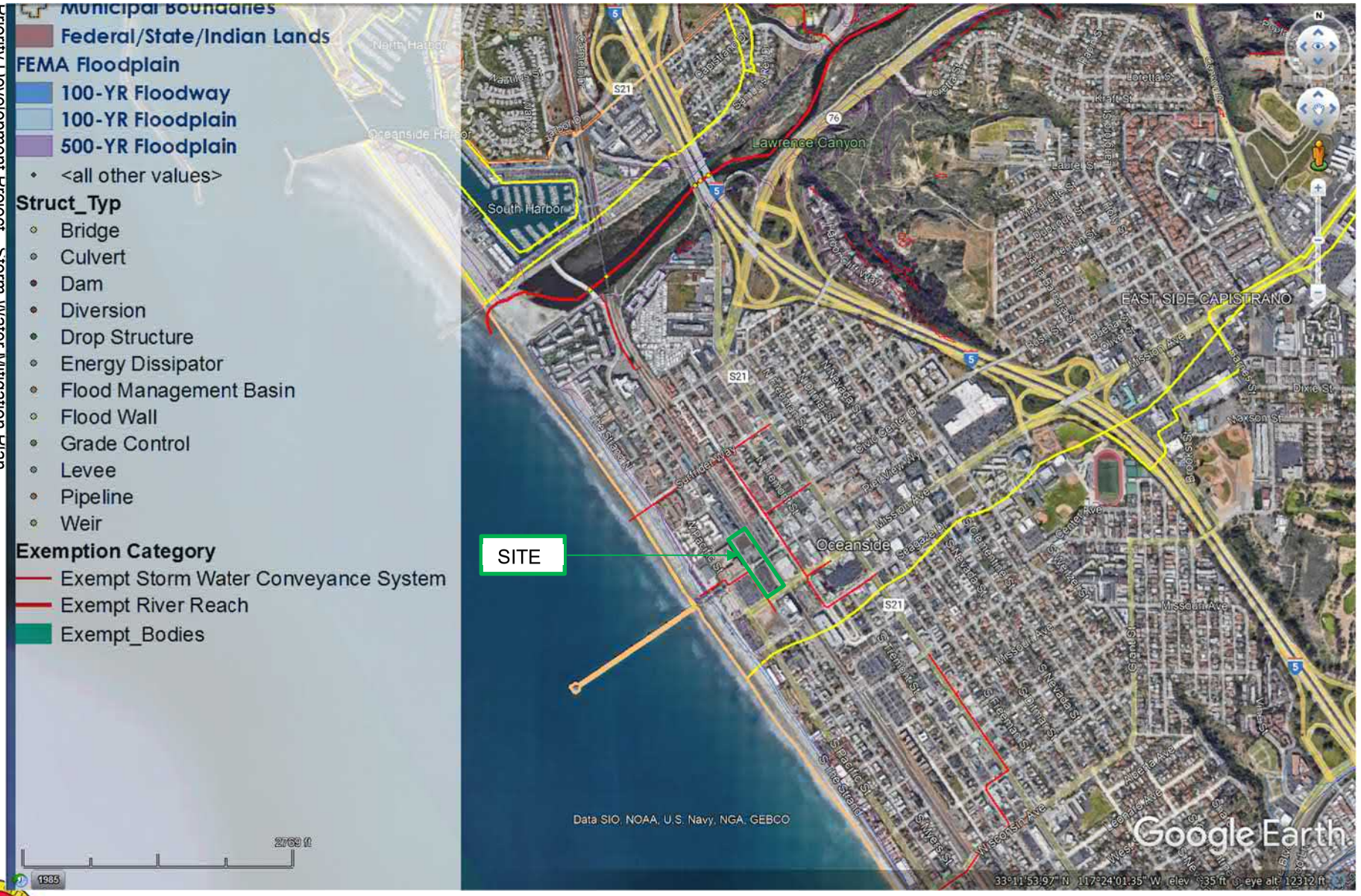
Attention!

Planter Area & VR Provided

ATTACHMENT 2
BACKUP FOR PDP HYDROMODIFICATION CONTROL MEASURES

This is the cover sheet for Attachment 2.

☒Mark this box if this attachment is empty because the project is exempt from PDP hydromodification management requirements.


Municipal Boundaries
Federal/State/Indian Lands
FEMA Floodplain
100-YR Floodway
100-YR Floodplain
500-YR Floodplain
<all other values>
Struct_Typ
Bridge
Culvert
Dam
Diversion
Drop Structure
Energy Dissipator
Flood Management Basin
Flood Wall
Grade Control
Levee
Pipeline
Weir
Exemption Category
Exempt Storm Water Conveyance System
Exempt River Reach
Exempt_Bodies
SITE
Oceanside
Lawrence Canyon
South Harbor
EAST SIDE CAPISTRANO
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Google Earth
2769 ft
1985

Placeholder – **6.2.1 Verification of GLUs Onsite** (if applicable)

Replace placeholder with required calculations/documentation.

Leave placeholder intact if not applicable.

☒Not Applicable

Placeholder – **6.2.3 Additional Analysis of Potential Critical Coarse Sediment Yield Areas Onsite** (Optional)

Replace placeholder with required calculations/documentation.

Leave placeholder intact if not applicable.

☒ Not Applicable

Placeholder – **6.3.4 Geomorphic Assessment of Receiving Channels** (Optional)

Replace placeholder with required calculations/documentation.

Leave placeholder intact if not applicable.

☒ Not Applicable

Placeholder - **Flow Control Facility Design and Structural BMP Drawdown Calculations**

Replace placeholder with required calculations/documentation.

See Chapter 6 and Appendix G of the BMP Design Manual

☒ Not Applicable

Placeholder – **Vector Control Plan** (required when structural BMPs will drain in 96 hours)

Replace placeholder with required documentation.

Leave placeholder intact if not applicable.

☒ Not Applicable

ATTACHMENT 3
STRUCTURAL BMP MAINTENANCE INFORMATION

This is the cover sheet for Attachment 3.

Indicate which Items are Included:

Attachment Sequence	Contents	Checklist
Attachment 3a	Structural BMP Maintenance Thresholds and Actions (Required)	☒Included See Structural BMP Maintenance Information Checklist.
Attachment 3b	Draft Maintenance Agreement (when applicable)	☐Included ☒Not Applicable

Use this checklist to ensure the required information has been included in the Structural BMP Maintenance Information Attachment:

Preliminary Design / Planning / CEQA level submittal:

- Attachment 3a must identify:

☒Typical maintenance indicators and actions for proposed structural BMP(s) based on Section 7.7 of the BMP Design Manual

- Attachment 3b is not required for preliminary design / planning / CEQA level submittal.

Final Design level submittal:

Attachment 3a must identify:

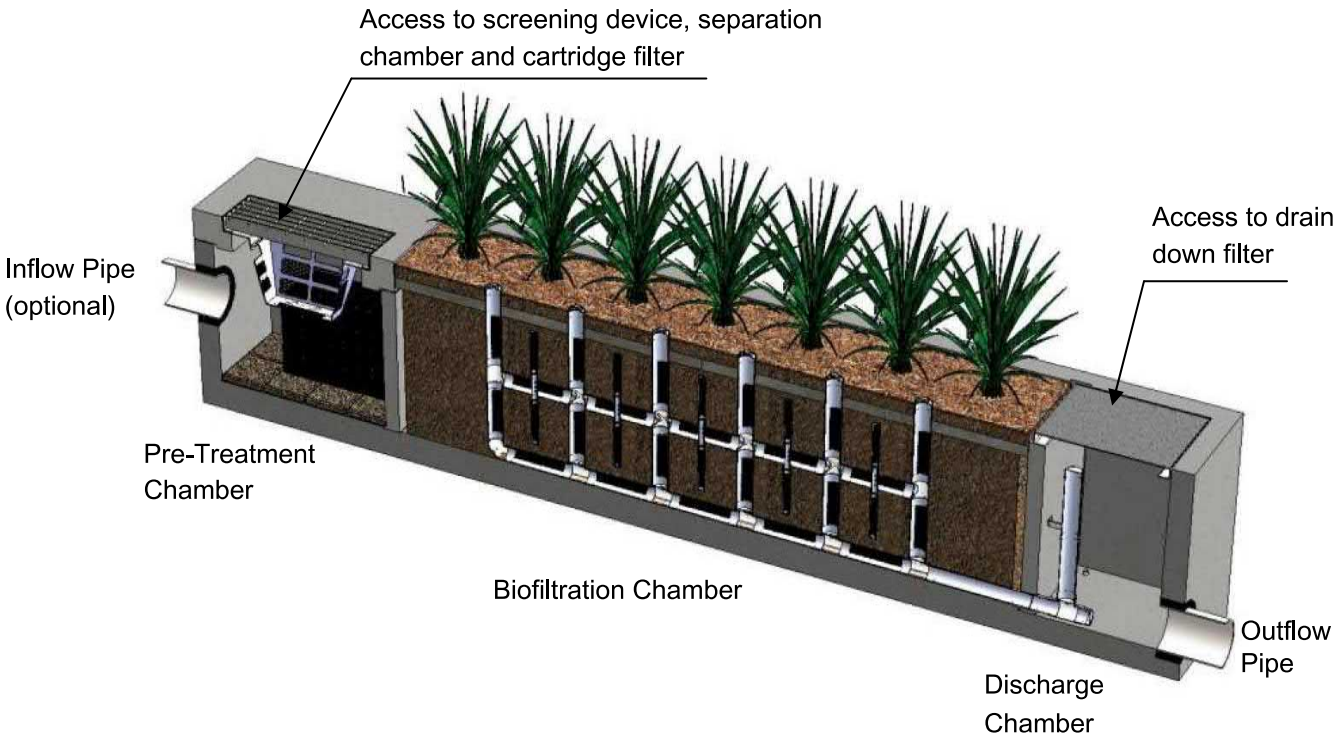
☐Specific maintenance indicators and actions for proposed structural BMP(s). This shall be based on Section 7.7 of the BMP Design Manual and enhanced to reflect actual proposed components of the structural BMP(s)
☐How to access the structural BMP(s) to inspect and perform maintenance
☐Features that are provided to facilitate inspection (e.g., observation ports, cleanouts, silt posts, or other features that allow the inspector to view necessary components of the structural BMP and compare to maintenance thresholds)
☐Manufacturer and part number for proprietary parts of structural BMP(s) when applicable
☐Maintenance thresholds specific to the structural BMP(s), with a location-specific frame of reference (e.g., level of accumulated materials that triggers removal of the materials, to be identified based on viewing marks on silt posts or measured with a survey rod with respect to a fixed benchmark within the BMP)
☐Recommended equipment to perform maintenance
☐When applicable, necessary special training or certification requirements for inspection and maintenance personnel such as confined space entry or hazardous waste management
Attachment 3b: For private entity operation and maintenance, Attachment 3b shall include a draft maintenance agreement in the local jurisdiction's standard format (PDP applicant to contact the City Engineer to obtain the current maintenance agreement forms).

Maintenance Guidelines for Modular Wetland System - Linear

Maintenance Summary

- Remove Trash from Screening Device – average maintenance interval is 6 to 12 months.
  - (*5 minute average service time*).
- Remove Sediment from Separation Chamber – average maintenance interval is 12 to 24 months.
  - (*10 minute average service time*).
- Replace Cartridge Filter Media – average maintenance interval 12 to 24 months.
  - (*10-15 minute per cartridge average service time*).
- Replace Drain Down Filter Media – average maintenance interval is 12 to 24 months.
  - (*5 minute average service time*).
- Trim Vegetation – average maintenance interval is 6 to 12 months.
  - (*Service time varies*).

System Diagram



Maintenance Procedures

Screening Device

1. Remove grate or manhole cover to gain access to the screening device in the Pre-Treatment Chamber. Vault type units do not have screening device. Maintenance can be performed without entry.
2. Remove all pollutants collected by the screening device. Removal can be done manually or with the use of a vacuum truck. The hose of the vacuum truck will not damage the screening device.
3. Screening device can easily be removed from the Pre-Treatment Chamber to gain access to separation chamber and media filters below. Replace grate or manhole cover when completed.

Separation Chamber

1. Perform maintenance procedures of screening device listed above before maintaining the separation chamber.
2. With a pressure washer spray down pollutants accumulated on walls and cartridge filters.
3. Vacuum out Separation Chamber and remove all accumulated pollutants. Replace screening device, grate or manhole cover when completed.

Cartridge Filters

1. Perform maintenance procedures on screening device and separation chamber before maintaining cartridge filters.
2. Enter separation chamber.
3. Unscrew the two bolts holding the lid on each cartridge filter and remove lid.
4. Remove each of 4 to 8 media cages holding the media in place.
5. Spray down the cartridge filter to remove any accumulated pollutants.
6. Vacuum out old media and accumulated pollutants.
7. Reinstall media cages and fill with new media from manufacturer or outside supplier. Manufacturer will provide specification of media and sources to purchase.
8. Replace the lid and tighten down bolts. Replace screening device, grate or manhole cover when completed.

Drain Down Filter

1. Remove hatch or manhole cover over discharge chamber and enter chamber.
2. Unlock and lift drain down filter housing and remove old media block. Replace with new media block. Lower drain down filter housing and lock into place.
3. Exit chamber and replace hatch or manhole cover.

Maintenance Notes

1. Following maintenance and/or inspection, it is recommended the maintenance operator prepare a maintenance/inspection record. The record should include any maintenance activities performed, amount and description of debris collected, and condition of the system and its various filter mechanisms.

2. The owner should keep maintenance/inspection record(s) for a minimum of five years from the date of maintenance. These records should be made available to the governing municipality for inspection upon request at any time.

3. Transport all debris, trash, organics and sediments to approved facility for disposal in accordance with local and state requirements.

4. Entry into chambers may require confined space training based on state and local regulations.

5. No fertilizer shall be used in the Biofiltration Chamber.

6. Irrigation should be provided as recommended by manufacturer and/or landscape architect. Amount of irrigation required is dependent on plant species. Some plants may require irrigation.

Maintenance Procedure Illustration

Screening Device

The screening device is located directly under the manhole or grate over the Pre-Treatment Chamber. It's mounted directly underneath for easy access and cleaning. Device can be cleaned by hand or with a vacuum truck.

Separation Chamber

The separation chamber is located directly beneath the screening device. It can be quickly cleaned using a vacuum truck or by hand. A pressure washer is useful to assist in the cleaning process.

Cartridge Filters

The cartridge filters are located in the Pre-Treatment chamber connected to the wall adjacent to the biofiltration chamber. The cartridges have removable tops to access the individual media filters. Once the cartridge is open media can be easily removed and replaced by hand or a vacuum truck.

Drain Down Filter

The drain down filter is located in the Discharge Chamber. The drain filter unlocks from the wall mount and hinges up. Remove filter block and replace with new block.

Trim Vegetation

Vegetation should be maintained in the same manner as surrounding vegetation and trimmed as needed. No fertilizer shall be used on the plants. Irrigation per the recommendation of the manufacturer and or landscape architect. Different types of vegetation requires different amounts of irrigation.

Inspection Form

Modular Wetland System, Inc.
P. 760.433-7640
F. 760-433-3176
E. Info@modularwetlands.com

www.modularwetlands.com

Inspection Report
Modular Wetlands System

Project Name _____

Project Address _____ (city) (Zip Code)

Owner / Management Company _____

Contact _____ Phone ( ) –

Inspector Name _____ Date ____/____/____ Time _____ AM / PM

Type of Inspection ☐ Routine ☐ Follow Up ☐ Complaint ☐ Storm Storm Event in Last 72-hours? ☐ No ☐ Yes

Weather Condition _____ Additional Notes _____

For Office Use Only
(Reviewed By)
(Date)
Office personnel to complete section to the left.

Inspection Checklist

Modular Wetland System Type (Curb, Grate or UG Vault): _____ Size (22', 14' or etc.): _____

Structural Integrity:	**Yes**	**No**	**Comments**
Damage to pre-treatment access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?			
Damage to discharge chamber access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?			
Does the MWS unit show signs of structural deterioration (cracks in the wall, damage to frame)?			
Is the inlet/outlet pipe or drain down pipe damaged or otherwise not functioning properly?			
Working Condition:			
Is there evidence of illicit discharge or excessive oil, grease, or other automobile fluids entering and clogging the unit?			
Is there standing water in inappropriate areas after a dry period?			
Is the filter insert (if applicable) at capacity and/or is there an accumulation of debris/trash on the shelf system?			
Does the depth of sediment/trash/debris suggest a blockage of the inflow pipe, bypass or cartridge filter? If yes, specify which one in the comments section. Note depth of accumulation in in pre-treatment chamber.			Depth:
Does the cartridge filter media need replacement in pre-treatment chamber and/or discharge chamber?			Chamber:
Any signs of improper functioning in the discharge chamber? Note issues in comments section.			
Other Inspection Items:			
Is there an accumulation of sediment/trash/debris in the wetland media (if applicable)?			
Is it evident that the plants are alive and healthy (if applicable)? Please note Plant Information below.			
Is there a septic or foul odor coming from inside the system?			

Waste:	**Yes**	**No**
Sediment / Silt / Clay		
Trash / Bags / Bottles		
Green Waste / Leaves / Foliage		

Recommended Maintenance	
No Cleaning Needed	
Schedule Maintenance as Planned	
Needs Immediate Maintenance	

Plant Information	
Damage to Plants	
Plant Replacement	
Plant Trimming	

Additional Notes: _____

2972 San Luis Rey Road, Oceanside, CA 92058 P (760) 433-7640 F (760) 433-3176

Maintenance Report

Modular Wetland System, Inc.
P. 760.433-7640
F. 760-433-3176
E. Info@modularwetlands.com

www.modularwetlands.com

Cleaning and Maintenance Report
Modular Wetlands System

Project Name _____

Project Address _____
(city) (Zip Code)

Owner / Management Company _____

Contact _____ Phone ( ) –

Inspector Name _____ Date ____/____/____ Time _____ AM / PM

Type of Inspection ☐ Routine ☐ Follow Up ☐ Complaint ☐ Storm Storm Event in Last 72-hours? ☐ No ☐ Yes

Weather Condition _____ Additional Notes _____

For Office Use Only
(Reviewed By)
(Date)
Office personnel to complete section to the left.

Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation	Foliage Accumulation	Sediment Accumulation	Total Debris Accumulation	Condition of Media 25/50/75/100 (will be changed @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
	Lat: Long:	MWS Catch Basins						
		MWS Sedimentation Basin						
		Media Filter Condition						
		Plant Condition						
		Drain Down Media Condition						
		Discharge Chamber Condition						
		Drain Down Pipe Condition						
		Inlet and Outlet Pipe Condition						

Comments:

2972 San Luis Rey Road, Oceanside, CA 92058 P. 760.433.7640 F. 760.433.3176

ATTACHMENT 4
Copy of Plan Sheets Showing Permanent Storm Water BMPs

This is the cover sheet for Attachment 4.

Use this checklist to ensure the required information has been included on the plans:

The plans must identify:

☒Structural BMP(s) with ID numbers matching Form I-6 Summary of PDP Structural BMPs

☒The grading and drainage design shown on the plans must be consistent with the delineation of DMAs shown on the DMA exhibit

☒Details and specifications for construction of structural BMP(s)

☐Signage indicating the location and boundary of structural BMP(s) as required by the City Engineer

☒How to access the structural BMP(s) to inspect and perform maintenance

☒Features that are provided to facilitate inspection (e.g., observation ports, cleanouts, silt posts, or other features that allow the inspector to view necessary components of the structural BMP and compare to maintenance thresholds)

☒Manufacturer and part number for proprietary parts of structural BMP(s) when applicable

☐Maintenance thresholds specific to the structural BMP(s), with a location-specific frame of reference (e.g., level of accumulated materials that triggers removal of the materials, to be identified based on viewing marks on silt posts or measured with a survey rod with respect to a fixed benchmark within the BMP)

☐Recommended equipment to perform maintenance

☐When applicable, necessary special training or certification requirements for inspection and maintenance personnel such as confined space entry or hazardous waste management

☒Include landscaping plan sheets showing vegetation requirements for vegetated structural BMP(s)

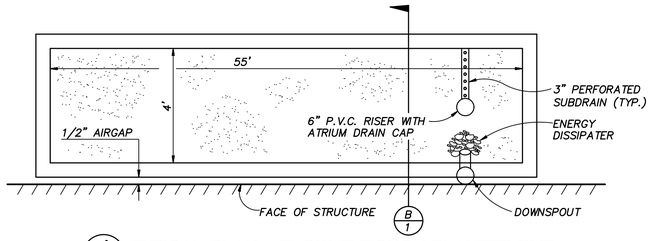
☒All BMPs must be fully dimensioned on the plans

☒When proprietary BMPs are used, site specific cross section with outflow, inflow and model number shall be provided. Brochure photocopies are not allowed.

TENTATIVE MAP AND SITE DEVELOPMENT PLAN FOR:

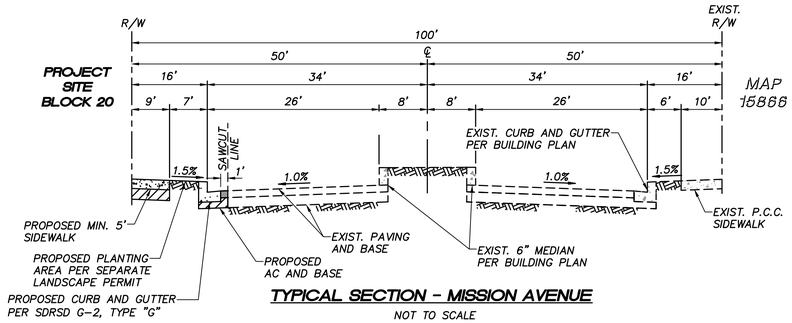
OCEANSIDE BLOCKS 5 AND 20

PLANNING CASE NO. T23-XXXXXX/RD23-00006



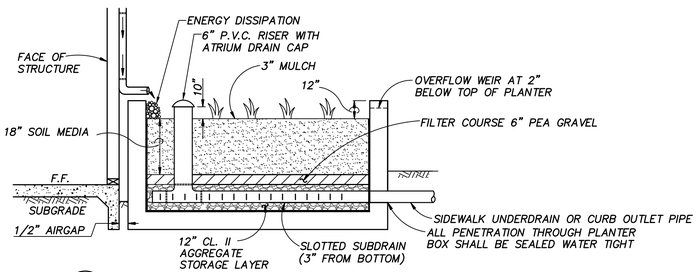
A/1 TYPICAL PLAN - FLOW-THROUGH PLANTER BMP

NOT TO SCALE



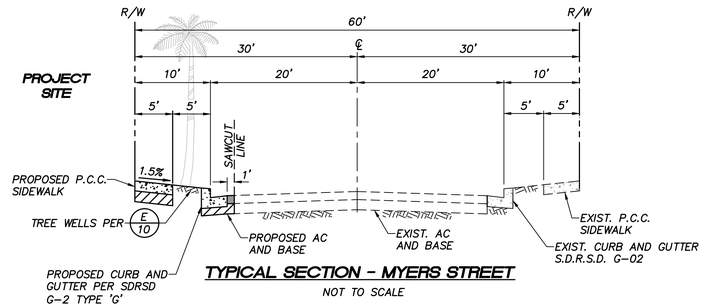
TYPICAL SECTION - MISSION AVENUE

NOT TO SCALE



B/1 DETAIL - GROUND LEVEL FLOW-THROUGH BMP

NOT TO SCALE



TYPICAL SECTION - MYERS STREET

NOT TO SCALE

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE SOUTH LINE OF LOT 2 OF MAP 16218. IE N34°39'32"W

GENERAL NOTES

1. THE SUBDIVISION IS A CONDOMINIUM PROJECT AS DEFINED IN SECTION 4125 OF THE CIVIL CODE OF THE STATE OF CALIFORNIA AND FILED PURSUANT TO THE SUBDIVISION MAP ACT. THE TOTAL NUMBER OF CONDOMINIUM DWELLING UNITS IS 373.
   THE TOTAL AMOUNT OF COMMERCIAL SPACE IS 5,743.
2. EXISTING LOTS: 1
3. PROPOSED LOTS: 2
   PROPOSED RESIDENTIAL UNITS: 373
   PROPOSED COMMERCIAL UNITS: 3
   PROPOSED DENSITY: 106 DWELLING UNITS/GROSS-ACRE
   180 DWELLING UNITS/NET-ACRE
4. GROSS AREA: 3.52 ACRES.
   NET AREA: 2.07 ACRES
5. APN: 147-370-07-00
6. ZONING: D-1-DOWNTOWN DISTRICT
7. MAX. BUILDING HEIGHT =140'
8. EARTHWORK: CUT = 30,000 C.Y.
   FILL = 0 C.Y.
   REMEDIAL = _ C.Y.
   EXPORT = 30,000 C.Y.
9. COVERAGE: PAVING = 3%
   BUILDING = 92%
   LANDSCAPE = 5%
10. ALL COMMON WALKS SHALL BE A.D.A. COMPLIANT.
11. ALL EXISTING OVERHEAD UTILITY LINES WITHIN THIS SUBDIVISION/DEVELOPMENT AND/OR WITHIN ANY FULL WIDTH STREET OR RIGHT-OF-WAY ABUTTING THIS SUBDIVISION/DEVELOPMENT, AND ALL NEW EXTENSION SERVICES FOR THE DEVELOPMENT OF THE PROJECT, INCLUDING BUT NOT LIMITED TO, ELECTRICAL, CABLE AND TELEPHONE, SHALL BE PLACED UNDERGROUND PER SECTION 901.G. OF THE SUBDIVISION ORDINANCE (R91-166) AND AS REQUIRED BY THE CITY ENGINEER AND CURRENT CITY POLICY.
12. THE PRESENT OR THE FUTURE OWNER SHALL INDEMNIFY AND SAVE THE CITY OF OCEANSIDE, ITS OFFICERS, AGENTS, AND EMPLOYEES HARMLESS FROM ANY AND ALL LIABILITIES, CLAIMS ARISING FROM ANY FLOODING THAT OCCUR ON THIS SITE, AND ANY FLOODING THAT IS CAUSED BY THIS SITE IMPACTING ADJACENT PROPERTIES.
13. FEMA MAP NO. 06073C0734J
    MAP REVISED DECEMBER 20, 2019
    ZONE X
14. SLOPE ANALYSIS:
    PERCENT OF SITE WITH 10% OR GREATER = 0%
    PERCENT OF SITE WITH 20% OR GREATER = 0%
    AVERAGE GRADE = 1.6%
15. TRASH, RECYCLING, ORGANICS ENCLOSURES:
    ENCLOSURES ARE BEING PROVIDED TO SERVICE TRASH, RECYCLING, AND ORGANICS FOR THE RESIDENTIAL AND COMMERCIAL UNITS. SERVICE SHALL BE PROVIDED BY WASTE MANAGEMENT THAT WILL UTILIZE VALET/SCOUT SERVICE WHEREBY CONTAINERS WOULD BE REMOVED OFF PROPERTY TO SERVICE. FREQUENCY OF PICKUP SHALL BE INCREASED TO PROVIDE ADEQUATE SERVICE TO RESIDENTIAL AND COMMERCIAL UNITS AS NEEDED.

LEGAL DESCRIPTION

LOT 2 OF ONE MISSION AVENUE – PHASE 3, IN THE CITY OF OCEANSIDE, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 16218, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, SEPTEMBER 8, 2017, AS MAY HAVE BEEN AMENDED BY THAT CERTIFICATE OF CORRECTION EXECUTED BY MICHAEL S. BUTCHER, DATED OCTOBER 31, 2020, RECORDED ON NOVEMBER 16, 2020 AS INSTRUMENT NO. 2020-0718278 OF OFFICIAL RECORDS.

EXCEPTING THEREFROM ALL MINERALS CONTAINED IN THE ABOVE-DESCRIBED LAND, INCLUDING, WITHOUT LIMITING THE GENERALITY THEREOF, OIL, GAS AND OTHER HYDROCARBON SUBSTANCES, AS RESERVED IN A DEED RECORDED FEBRUARY 18, 1992 AS INSTRUMENT NO. 1992-0085422 OF OFFICIAL RECORDS.

ALSO EXCEPTING THEREFROM THAT PORTION OF LAND CONVEYED TO CITY OF OCEANSIDE, A MUNICIPAL CORPORATION AS EVIDENCED BY QUITCLAIM DEED RECORDED SEPTEMBER 20, 2017 AS INSTRUMENT NO. 2017-431579 OF OFFICIAL RECORDS.

APN: 147-370-07-00

APPLICANT

RYAN COMPANIES US, INC.
4275 EXECUTIVE SQUARE, SUITE 370
LA JOLLA, CA 92037

MANAGING MEMBER

EXISTING ENTITLEMENTS

TENTATIVE MAP (T-203-06, DEVELOPMENT PLAN (D-210-06), CONDITIONAL USE PERMIT (C-206-06) AND REGULAR COASTAL PERMIT (RC-212-06)

BENCHMARK

CITY OF OCEANSIDE GEODETIC CONTROL MONUMENT 2102. BRASS DISC STAMPED "PIER NO2 1933" ON SOUTHEAST PIER CURBING 420'± WEST OF APPARENT INTERSECTION OF PIER VIEW WAY AND PACIFIC STREET. ELEVATION 28.65, COH88.

TOPOGRAPHY SOURCE

TOPOGRAPHIC INFORMATION SHOWN HEREON IS BY PHOTOGRAMMETRIC METHODS AND FIELD SURVEY. PHOTOGRAMMETRY PROVIDED BY APM ENGINEERING AND COMPILED FROM AERIAL PHOTOGRAPHY DATED 7/7/2023. TOPOGRAPHIC FIELD SURVEY WAS COMPLETED ON 7/11/2023.

GEOTECHNICAL STUDY

GEOTECHNICAL INVESTIGATION OCEANSIDE BLOCK 5 PROJECT MISSION AVENUE AND EAST MYERS STREET OCEANSIDE, CALIFORNIA, PREPARED BY LEIGHTON AND ASSOCIATES PROJECT NUMBER 13951.001 ON AUGUST 10, 2023
GEOTECHNICAL INVESTIGATION OCEANSIDE BLOCK 20 PROJECT MISSION AVENUE AND EAST MYERS STREET OCEANSIDE, CALIFORNIA, PREPARED BY LEIGHTON AND ASSOCIATES PROJECT NUMBER 13951.001 ON AUGUST 14, 2023

UTILITIES

1. FIRE: OCEANSIDE FIRE DEPARTMENT
2. WATER: CITY OF OCEANSIDE
3. SCHOOL: OCEANSIDE UNIFIED SCHOOL DISTRICT
4. SEWER: CITY OF OCEANSIDE
5. GAS AND ELECTRIC: SDG&E.
6. COMMUNICATIONS: AT&T, COX.

STORMWATER PRIORITY

PRIORITY PROJECT

LEGEND

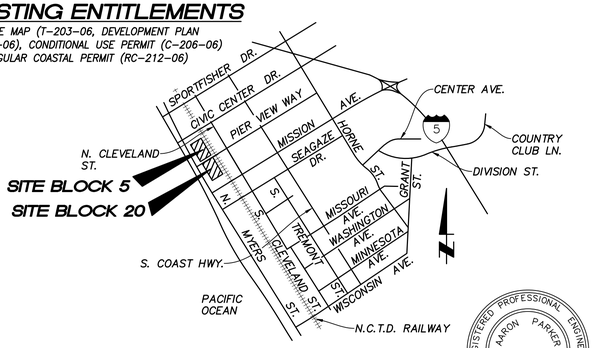
SUBDIVISION BOUNDARY
CENTERLINE
P.C.C. CONCRETE (SEE LANDSCAPE PLANS FOR COLOR AND FINISH)
BMP PLANTERS
6" CURB AND GUTTER
SAWCUT LINE
NEW AC PAVEMENT
GRIND AND OVERLAY
SLURRY SEAL
PARKING STALL 1
SPOT ELEVATION 290.0
SWALE/DIRECTION OF DRAINAGE
PROPOSED SEWER MANHOLE S
PROPOSED SEWER LATERAL S
PROPOSED WATER SERVICE (RESIDENTIAL AND COMMERCIAL) WITH PRIVATE SUB METERS. SIZE TO BE DETERMINED W
PROPOSED IRRIGATION SERVICE WITH METER AND BACKFLOW IRR
PROPOSED FIRE SERVICE WITH RPDA FS
PROPOSED P.V.C. SEWER S
PROPOSED P.V.C. WATER W
GARAGE WALLS/STRUCTURE
1 FOOT CLEAR SPACE IN GARAGE
SAND/OIL SEPARATOR
SIDEWALK UNDERDRAIN PER SDRSD D-27
BROW DITCH
EXISTING ELEVATION (290.0)
EXISTING PROPERTY LINE
EXISTING SEWER MANHOLE S
EXISTING SEWER S
EXISTING WATER W
EXISTING GAS G
EXISTING OVERHEAD UTILITIES OH
EXISTING CONTOUR 395
EXISTING STREET LIGHT
EXISTING POWER POLE
EXISTING GUY WIRE
EXISTING FIRE HYDRANT
EXISTING BUILDING OUTLINE

LIST OF ABBREVIATIONS

AC.	ACRE
A.C.P.	ASBESTOS CEMENT PIPE
A.D.A.	AMERICANS WITH DISABILITIES ACT
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
B.F.	BOTTOM FOOTING
BMP	BEST MANAGEMENT PRACTICES
℄	CENTERLINE
CL.	CLASS
C.Y.	CUBIC YARD
DCDA	DOUBLE CHECK DETECTOR ASSEMBLY
DWY.	DRIVEWAY
ELEV.	ELEVATION
EXIST.	EXISTING
F.F.	FINISHED FLOOR
F.G.	FINISHED GRADE
℄	FLOWLINE
FS	FIRE SERVICE
F.S.	FINISHED SURFACE
F.Y.S.	FRONT YARD SETBACK
G.B.	GRADE BREAK
G.F.F.	GARAGE FINISHED FLOOR ELEVATION
GTR.	GUTTER
GR.	GRATE
H.P.	HIGH POINT
HR.	HOUR
I.E.	INVERT ELEVATION
IN.	INCH
IRR.	IRRIGATION
MAX.	MAXIMUM
MIN.	MINIMUM
NJCP	NOT JOINT CONCRETE PIPE
℄	PROPERTY LINE
P.P.	POWER POLE
P.C.C.	PORTLAND CEMENT CONCRETE
P.V.C.	POLYVINYL CHLORIDE
PVT.	PRIVATE
RPDA	REDUCED PRESSURE DETECTOR ASSEMBLY
R.Y.S.	REAR YARD SETBACK
R/W	RIGHT-OF-WAY
S.C.O.	SEWER CLEANOUT
S.D.	STORM DRAIN
S.D.C.O.	STORM DRAIN CLEANOUT
S.G.	SUBGRADE
S.Y.S.	SIDE YARD SETBACK
S.M.H.	SEWER MANHOLE
T.C.	TOP OF CURB
TYP.	TYPICAL
T.W.	TOP OF WALL
U.N.O.	UNLESS NOTED OTHERWISE

SHEET INDEX

1	COVER SHEET
2	EXISTING CONDITIONS BLOCK 5
3	EXISTING CONDITIONS BLOCK 20
4	HORIZONTAL/UTILITY PLAN BLOCK 5
5	HORIZONTAL/UTILITY PLAN BLOCK 20
6	SITE/GRADING PLAN BLOCK 5
7	SITE/GRADING PLAN BLOCK 20
8	BASEMENT SITE/GRADING PLAN/SHORING BLOCK 5
9	BASEMENT SITE/GRADING PLAN/SHORING BLOCK 20
10	SITE SECTIONS BLOCK 5
11	SITE SECTIONS BLOCK 20



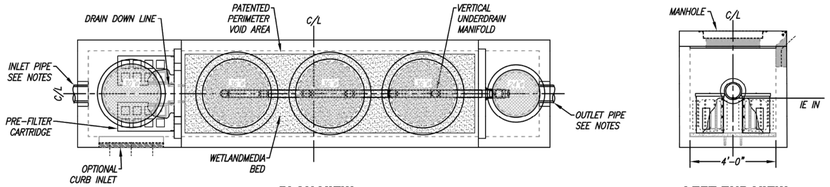
VICINITY MAP

NOT TO SCALE
THE THOMAS GUIDE 57TH EDITION
PG'S 1086 A-7 & 1106 A-1

SITE SPECIFIC DATA

PROJECT NUMBER			
PROJECT NAME	BLOCKS 5 AND 20		
PROJECT LOCATION			
STRUCTURE ID			
TREATMENT REQUIRED			
TREATMENT FLOW (CFS)			0.268
PRETREATMENT LOADING RATE (GPM/SF)			2.1 GPM/SF
WETLAND MEDIA LOADING RATE (GPM/SF)			1.0
PEAK BYPASS REQUIRED (CFS) - IF APPLICABLE			9 CFS
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	41.5	HDPE	12
INLET PIPE 2			
OUTLET PIPE	40.0	HDPE	12
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION		45.0	
SURFACE LOAD	PEDESTRIAN		
NOTES:			

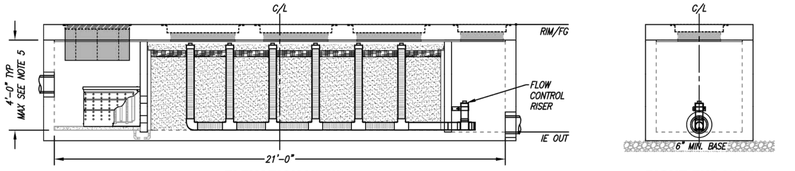
* PRELIMINARY ONLY - NOT FOR CONSTRUCTION



PLAN VIEW

LEFT END VIEW

NOTE: MODULAR WETLAND SYSTEM WILL BE CAST IN PLACE TO ENSURE PROPER FIT.



ELEVATION VIEW

RIGHT END VIEW

INSTALLATION NOTES

1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURER'S SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURER'S CONTRACT.
2. UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROJECT ENGINEER'S RECOMMENDED BASE SPECIFICATIONS.
3. CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL PIPES SHALL BE SEALED WATERTIGHT PER MANUFACTURER'S STANDARD CONNECTION DETAIL.
4. CONTRACTOR RESPONSIBLE FOR CONTACTING CONTECH FOR ACTIVATION OF UNIT. MANUFACTURER'S WARRANTY IS VOID WITHOUT PROPER ACTIVATION BY A CONTECH REPRESENTATIVE.
5. VERTICAL HEIGHT VARIES BASED ON SITE SPECIFIC REQUIREMENTS.

MODULAR WETLANDS - FOR PATENT INFORMATION, GO TO www.ContechES.com/ip

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MWS-L-4-21-V-UG
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

C/1 DETAIL - MODULAR WETLAND SYSTEM

NOT TO SCALE

Revision 4:
Revision 3:
Revision 2:
Revision 1:

Original Date: 11-22-23
Sheet 1 of 11
TITLE COVER SHEET

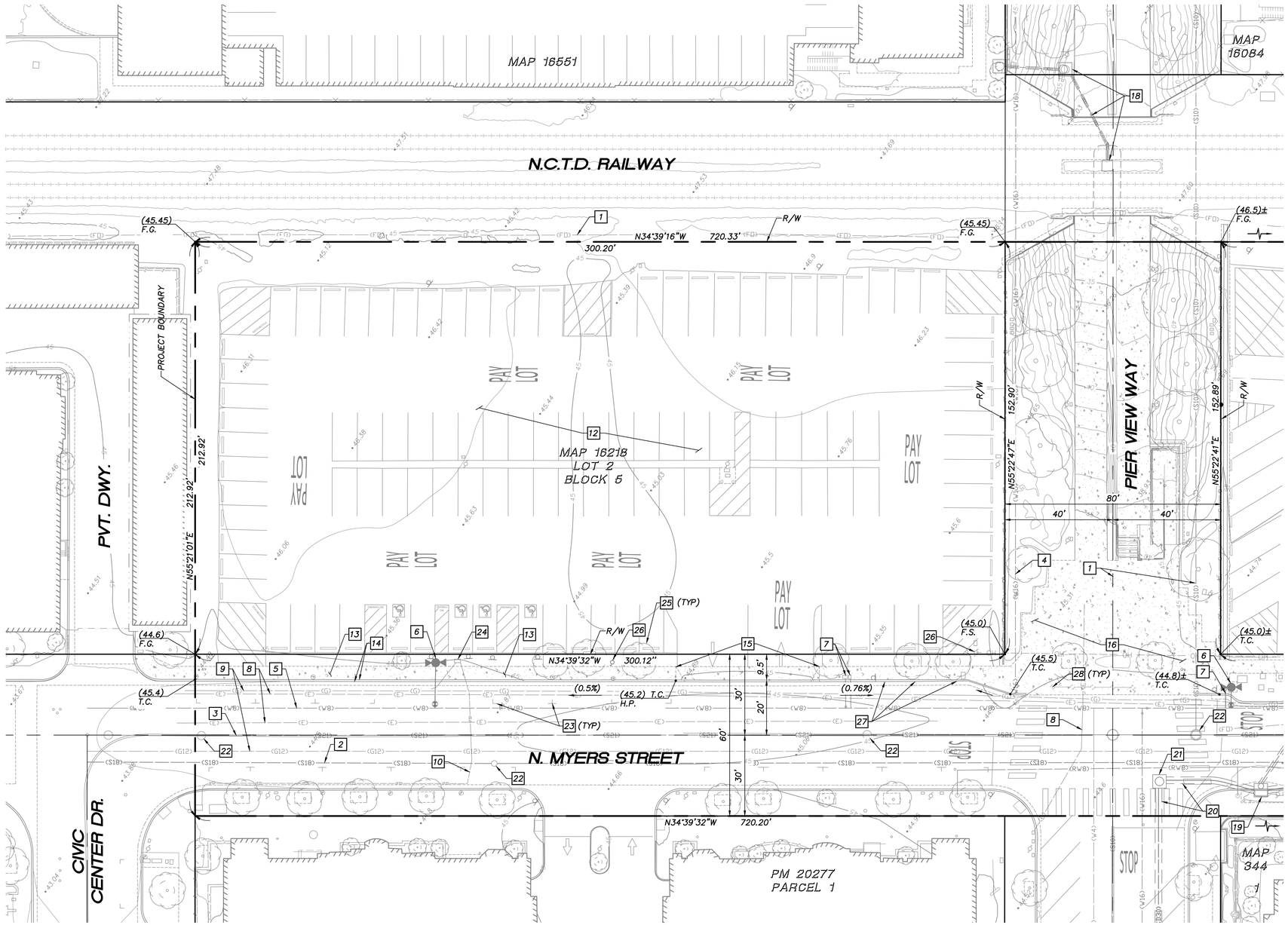
SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
San Diego, Ca. 92123
858-560-1141 858-560-8157
Fax

REGISTERED PROFESSIONAL ENGINEER AARON PARKER No.68547 CIVIL STATE OF CALIFORNIA

AARON PARKER DATE

77910.10

Plotted: 1/30/2025 1:28 PM D:\77912 OCEANSIDE BLOCKS 5 & 20\03 DWG\TM\77912TM01-TM03.DWG - jkohlenberg



PLAN NOTES

	DESCRIPTION
1	EXIST. 10" P.V.C. SEWER PER R-11955.
2	EXIST.. 18" V.C.P. SEWER PER S-00561.
3	EXIST. 21" P.V.C. SEWER PER S-03377.
4	EXIST. 16" D.I.P. WATER PER R-11955.
5	EXIST. 8" A.C. WATER PER W-00800.
6	EXIST. FIRE HYDRANT WATER TO REMAIN.
7	EXIST. WATER SERVICE TO BE REMOVED.
8	EXIST. UNDERGROUND ELECTRIC – APPROXIMATE LOCATION.
9	EXIST. UNDERGROUND GAS – APPROXIMATE LOCATION.
10	EXIST. UNDERGROUND FIBER OPTIC – APPROXIMATE LOCATION.
11	EXIST. JOINT UTILITY BUNDLE – MCI/VERIZON AND N.C.T.D.
12	EXIST. A.C. PAVING TO BE REMOVED.
13	EXIST. SIDEWALK TO BE REPLACED.
14	EXIST. CURB AND GUTTER TO BE REPLACED.
15	EXIST. DRIVEWAY TO BE RELOCATED.
16	EXIST. HARDSCAPE TO REMAIN.
17	EXIST. OVERHEAD TO BE UNDER GROUNDED.
18	EXIST. 18" R.C.P. STORM DRAIN INLET AND PUMP PER R-11957.
19	EXIST. STORM DRAIN INLET PER C.I.P.-00024.
20	EXIST. R.C.P. STORM DRAIN PER C.I.P.-00024.
21	EXIST. STORM DRAIN CLEANOUT PER C.I.P.-00024.
22	EXIST. S.M.H.
23	EXIST. PARKING STRIPING.
24	EXIST. DRY UTILITY RISER.
25	EXIST. TREE TO BE REMOVED.
26	EXIST. STREET LIGHT.
27	EXIST. LOADING ZONE.
28	EXIST. BOLLARDS TO REMAIN.
29	EXIST. DRY UTILITY M.H. OR BOX.
30	EXIST. RECYCLED WATER PER W18-0008.
31	EXIST. TRAFFIC SIGNAL, PROTECT IN PLACE.
32	EXIST. CHAIN LINK FENCE.

SCALE: 1" = 20'

GRAPHIC SCALE
20' 0 20' 40' 60'

REGISTERED PROFESSIONAL ENGINEER
AARON PARKER
No. 68547
CIVIL
STATE OF CALIFORNIA

Revision 4:
Revision 3:
Revision 2:
Revision 1:

Original Date: 11-22-23

Sheet 2 of 11

TITLE EXISTING CONDITION BLOCK 5

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
San Diego, Ca. 92123
858-560-1141 858-560-8157
Fax

AARON PARKER DATE

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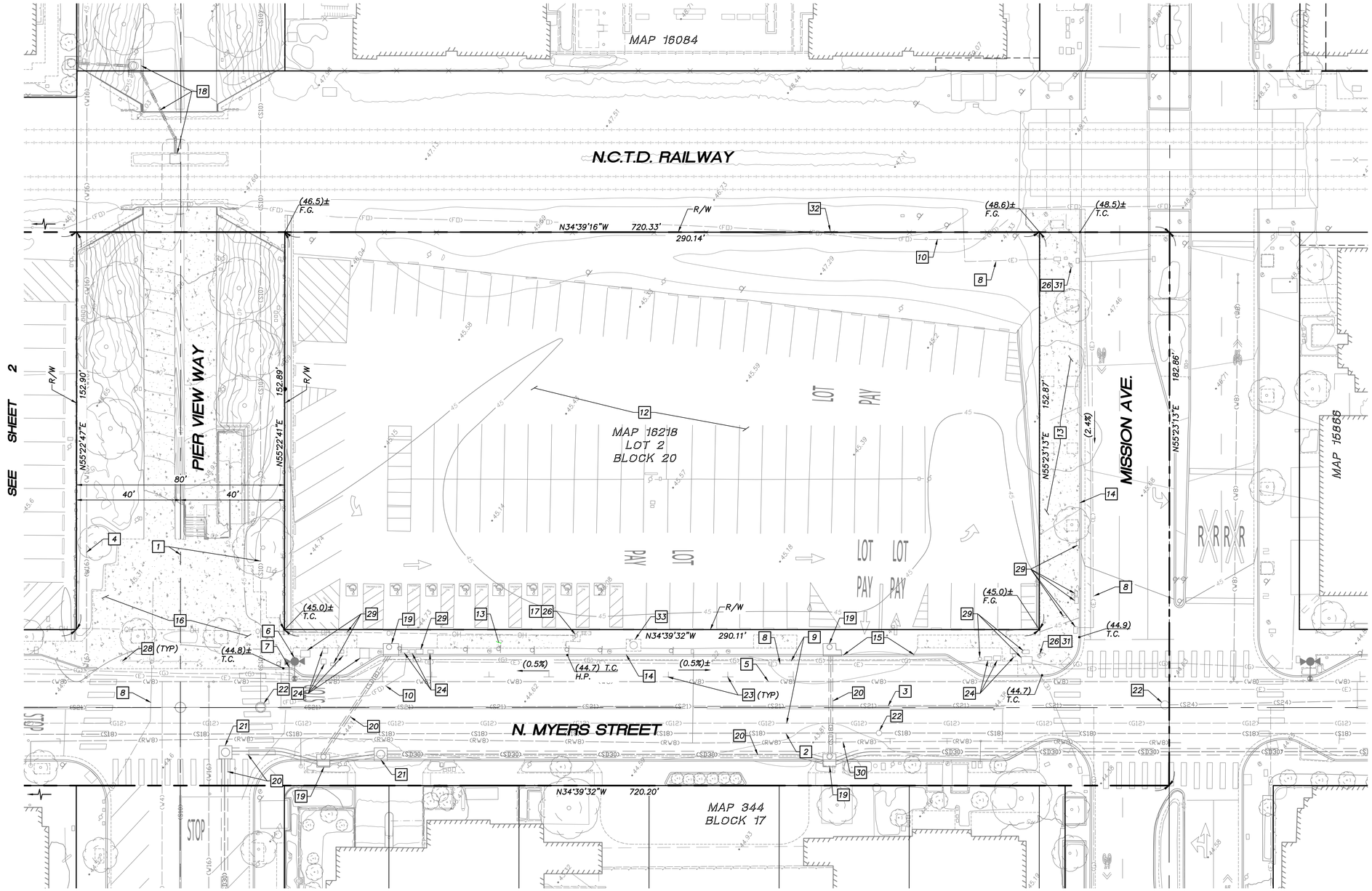

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33	EXIST. DRY UTILITY VAULT.

SCALE: 1" = 20'

GRAPHIC SCALE
20' 0 20' 40' 60'

Revision 4:
Revision 3:
Revision 2:
Revision 1:

Original Date: 11-22-23

Sheet 3 of 11

TITLE EXISTING CONDITION BLOCK 20

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
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858-560-1141 858-560-8157
Fax

REGISTERED PROFESSIONAL ENGINEER
AARON PARKER
No. 68547
CIVIL
STATE OF CALIFORNIA

AARON PARKER DATE

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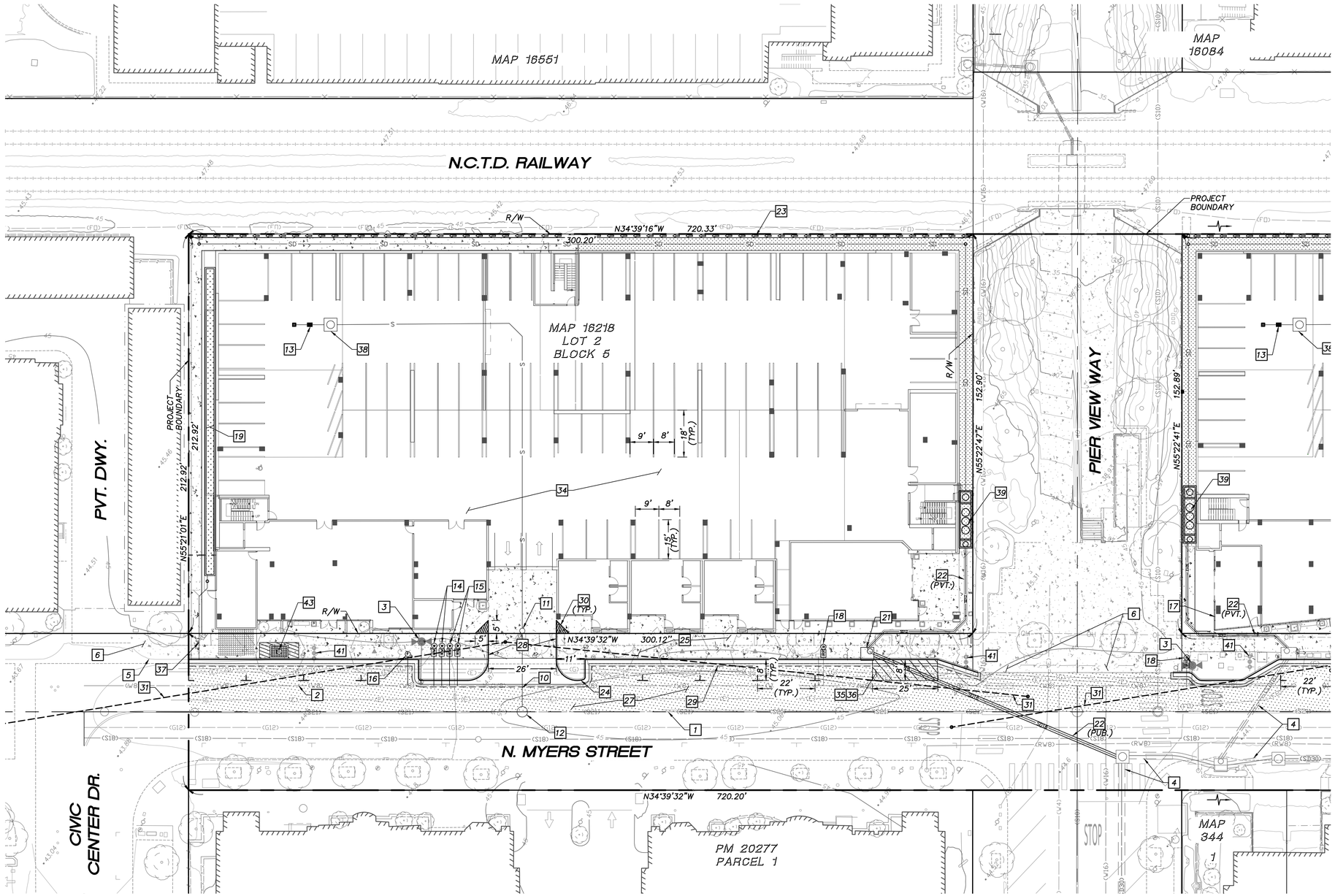

PLAN NOTES

	DESCRIPTION
1	EXISTING 21" P.V.C. SEWER PER
2	EXISTING 8" WATER
3	EXISTING F.H.
4	EXISTING STORM DRAIN
5	EXISTING CURB AND GUTTER
6	EXISTING SIDEWALK
10	PROPOSED SEWER LATERAL PER OSD S-2, M-1, AND SDRSD S-5
11	PROPOSED INSPECTION MANHOLE PER OSD S-7
12	PROPOSED S.M.H. PER OSD S-5
13	PROPOSED SAND/OIL SEPARATOR
14	PROPOSED COMMERCIAL WATER SERVICE WITH METER AND BACKFLOW PER OSD W-5 AND W-12
15	PROPOSED RESIDENTIAL WATER SERVICE WITH METER AND BACKFLOW PER OSD W-5 AND W-12
16	PROPOSED FIRE SERVICE WITH DCDA PER OSD W-14
17	PROPOSED FDC
18	PROPOSED IRRIGATION SERVICE WITH METER AND BACKFLOW PER OSD W-4
19	PROPOSED STORM WATER VOLUME RETENTION PLANTER
20	PROPOSED PROPRIETARY STORM WATER TREATMENT MODULE
21	PROPOSED STORM DRAIN INLET PER SDRSD D-2
22	PROPOSED STORM DRAIN PIPE. ALL UTILITY CROSSINGS TO BE POTHOLED PRIOR TO INSTALLATION.
23	PROPOSED DRAINAGE DITCH PER SDRSD D-75
24	PROPOSED CURB AND GUTTER PER SDRSD G-2, TYPE 'G'
25	PROPOSED P.C.C. SIDEWALK PER SDRSD G-7
26	PROPOSED GRIND AND OVERLAY TO CENTERLINE, RESTRIPE AS REQUIRED
27	PROPOSED SLURRY SEAL TO CENTERLINE, RESTRIPE AS REQUIRED. EXISTING PAVEMENT SECTION TO BE VERIFIED AT TIME OF CONSTRUCITON, EXISTING MYERS STREET ASSUMED 5" AC PAVING OVER 8" BASE PER SOILS ENGR
28	PROPOSED P.C.C. DRIVEWAY
29	PROPOSED SAWCUT LINE
30	PROPOSED 5'X5' CLEAR SIGHT TRIANGLES 30" MAX. WALL HEIGHT WITHIN TRIANGLES
31	PROPOSED 200' SIGHT DISTANCE FOR 30 MPH PER OSD T-1 AND CALTRANS DESIGN MANUAL.
32	PROPOSED PARALLEL STALL
33	PROPOSED CURB RAMP
34	PROPOSED UNDERGROUND PARKING GARAGE
35	PROPOSED COMMERCIAL LOADING ZONE
36	PROPOSED USPS PARKING
37	PROPOSED SIDEWALK UNDERDRAIN PER SDRSD D-27
38	PROPOSED SEWER PUMP
39	PROPOSED PROPRIETARY MODULAR WETLAND SYSTEM PER DETAIL C ON SHEET 1
41	PROPOSED STREET LIGHT
43	PROPOSED TREE WELL PER DETAIL "E" ON SHEET 10

SEE SHEET 5

SCALE: 1" = 20'

GRAPHIC SCALE
20' 0 20' 40' 60'

Revision 4:
Revision 3:
Revision 2:
Revision 1:

Original Date: 11-22-23

Sheet 4 of 11

TITLE HORIZONTAL/UTILITY PLAN BLOCK 5

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
San Diego, Ca. 92123
858-560-1141 858-560-8157
Fax

REGISTERED PROFESSIONAL ENGINEER
AARON PARKER
No. 68547
CIVIL
STATE OF CALIFORNIA

AARON PARKER DATE

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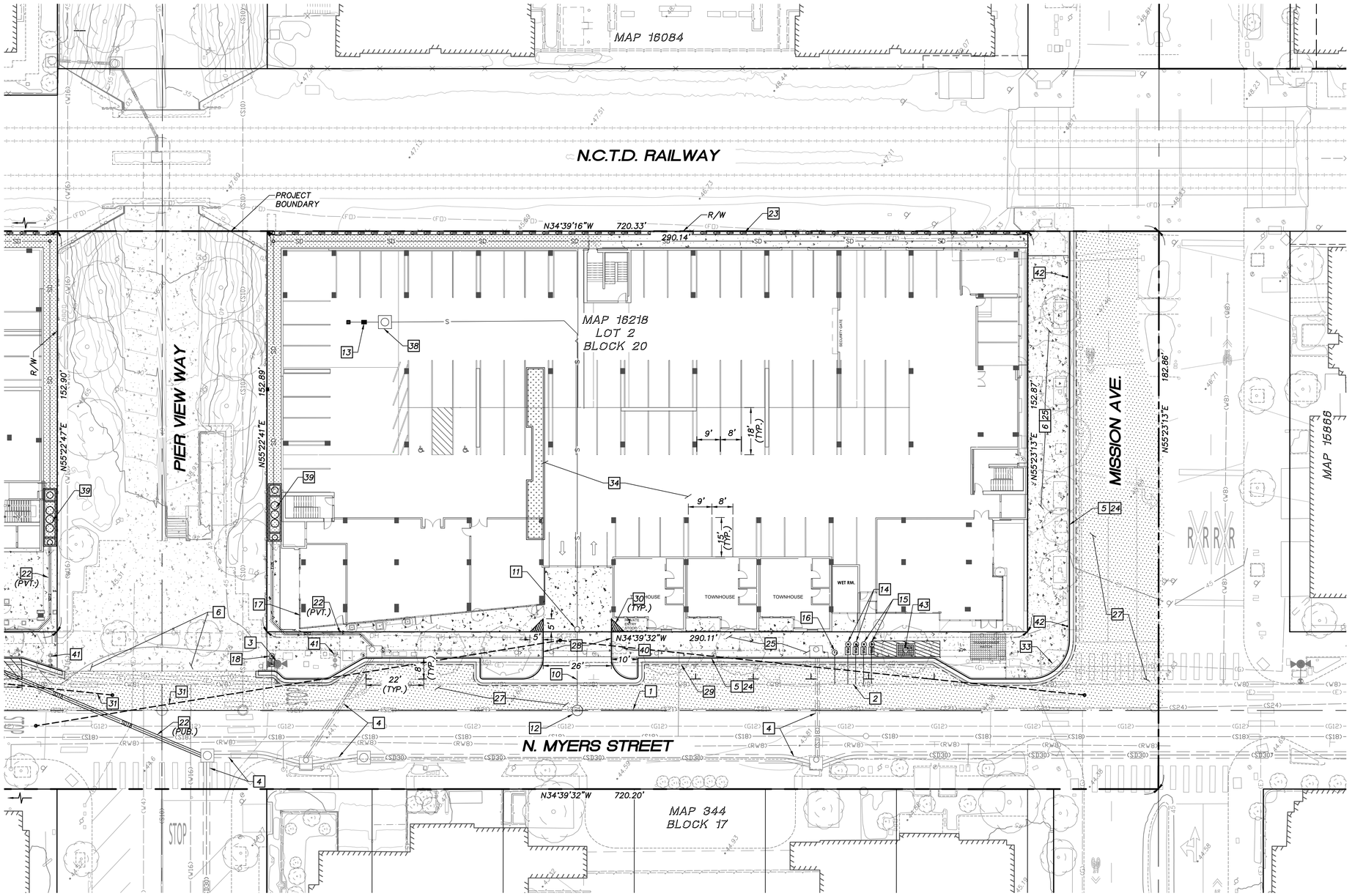

PLAN NOTES

	DESCRIPTION
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2	EXISTING 8" WATER
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27	PROPOSED SLURRY SEAL TO CENTERLINE, RESTRIPE AS REQUIRED. EXISTING PAVEMENT SECTION TO BE VERIFIED AT TIME OF CONSTRUCITON, EXISTING MYERS STREET ASSUMED TO BE 5" AC PAVING OVER 8" BASE, EXISTING MISSION AVENUE ASSUMED TO BE 6" AC PAVING OVER 7" BASE PER SOILS ENGR
28	PROPOSED P.C.C. DRIVEWAY
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36	PROPOSED USPS PARKING
37	PROPOSED SIDEWALK UNDERDRAIN PER SDRSD D-27
38	PROPOSED SEWER PUMP
39	PROPOSED PROPRIETARY MODULAR WETLAND SYSTEM PER DETAIL C ON SHEET 1
40	RELOCATE EXISTING DRY UTILITY VAULT IF NECESSARY
41	PROPOSED STREET LIGHT
42	PROPOSED SIGN "TRUCKS USE N. PACIFIC ST. TO PIER VIEW WAY"
43	PROPOSED TREE WELL PER DETAIL "E" ON SHEET 10

Revision 4:
Revision 3:
Revision 2:
Revision 1:

Original Date: 11-22-23

Sheet 5 of 11

TITLE HORIZONTAL/UTILITY PLAN BLOCK 20

SCALE: 1" = 20'

GRAPHIC SCALE
20' 0 20' 40' 60'

REGISTERED PROFESSIONAL ENGINEER
AARON PARKER
No. 68547
CIVIL
STATE OF CALIFORNIA

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
San Diego, Ca. 92123
858-560-1141 858-560-8157
Fax

AARON PARKER DATE

77910.10

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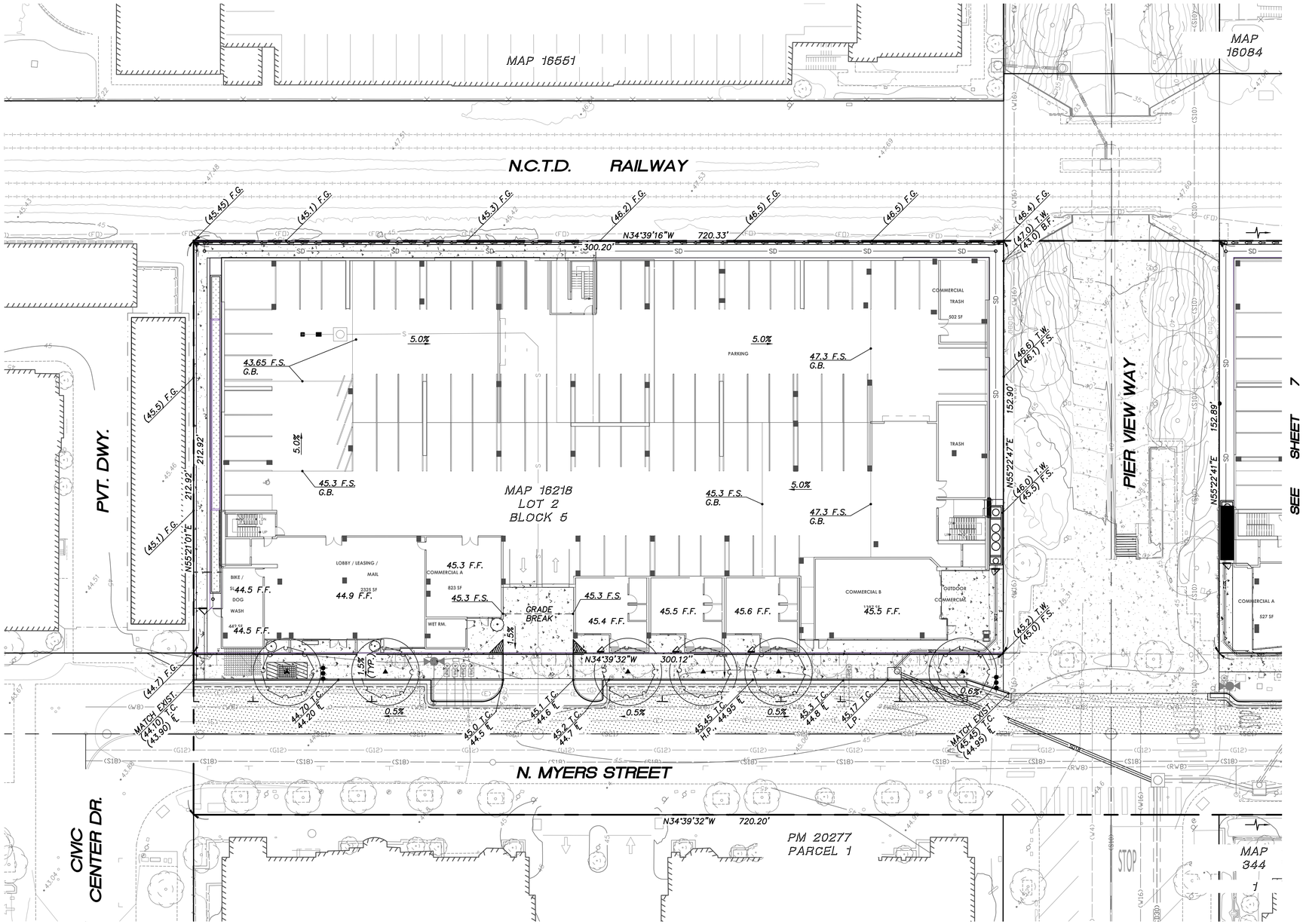

SCALE: 1" = 20'

GRAPHIC SCALE

20' 0 20' 40' 60'

Revision 4:
Revision 3:
Revision 2:
Revision 1:

Original Date: 11-22-23

Sheet 6 of 11

TITLE SITE/GRADING PLAN BLOCK 5

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
San Diego, Ca. 92123
858-560-1141 858-560-8157
Fax

REGISTERED PROFESSIONAL ENGINEER
AARON PARKER
No. 68547
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STATE OF CALIFORNIA

AARON PARKER DATE

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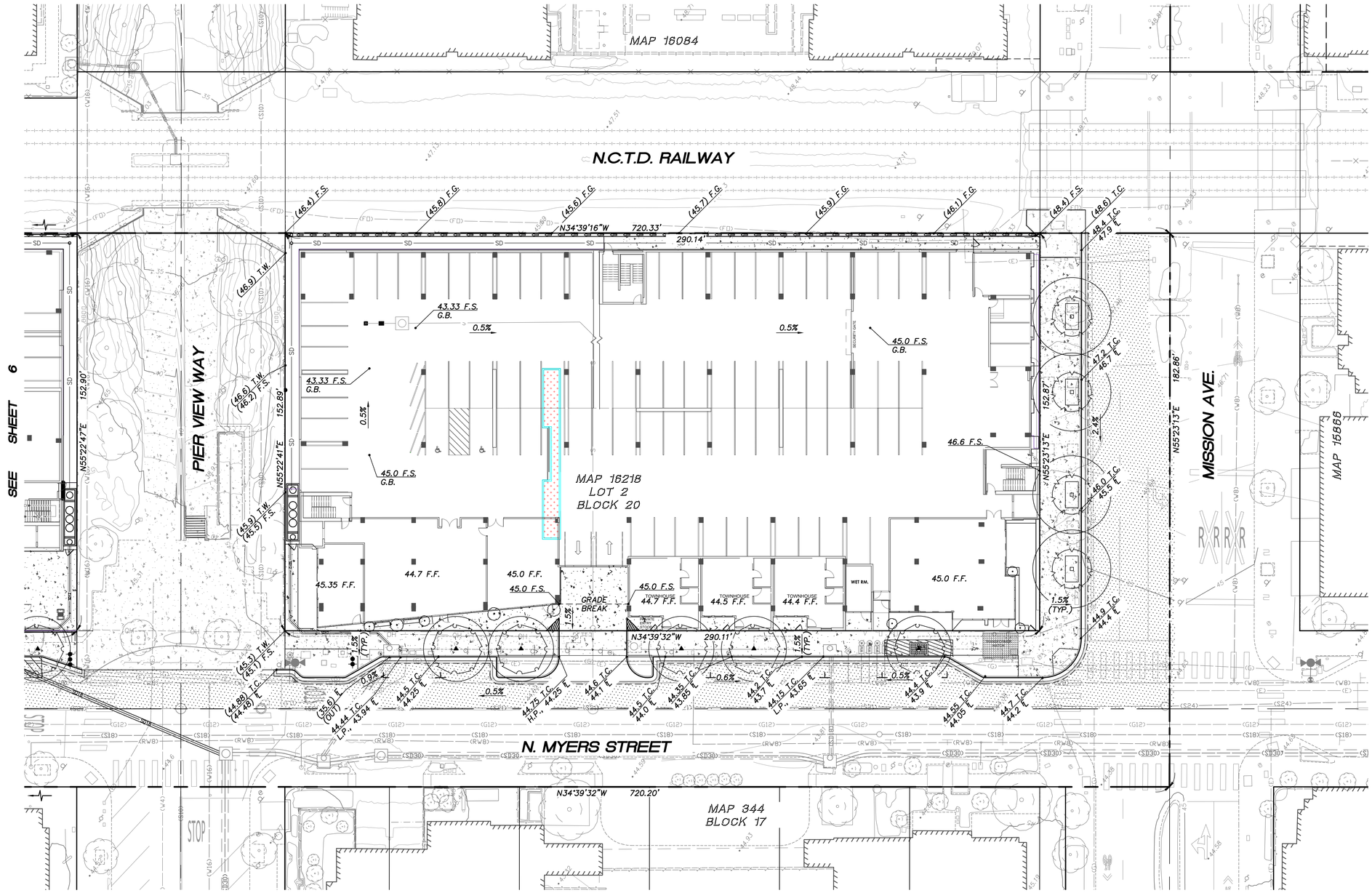

SCALE: 1" = 20'

GRAPHIC SCALE

20' 0 20' 40' 60'

Revision 4:
Revision 3:
Revision 2:
Revision 1:

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Sheet 7 of 11

TITLE SITE/GRADING PLAN BLOCK 20

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
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858-560-1141 858-560-8157
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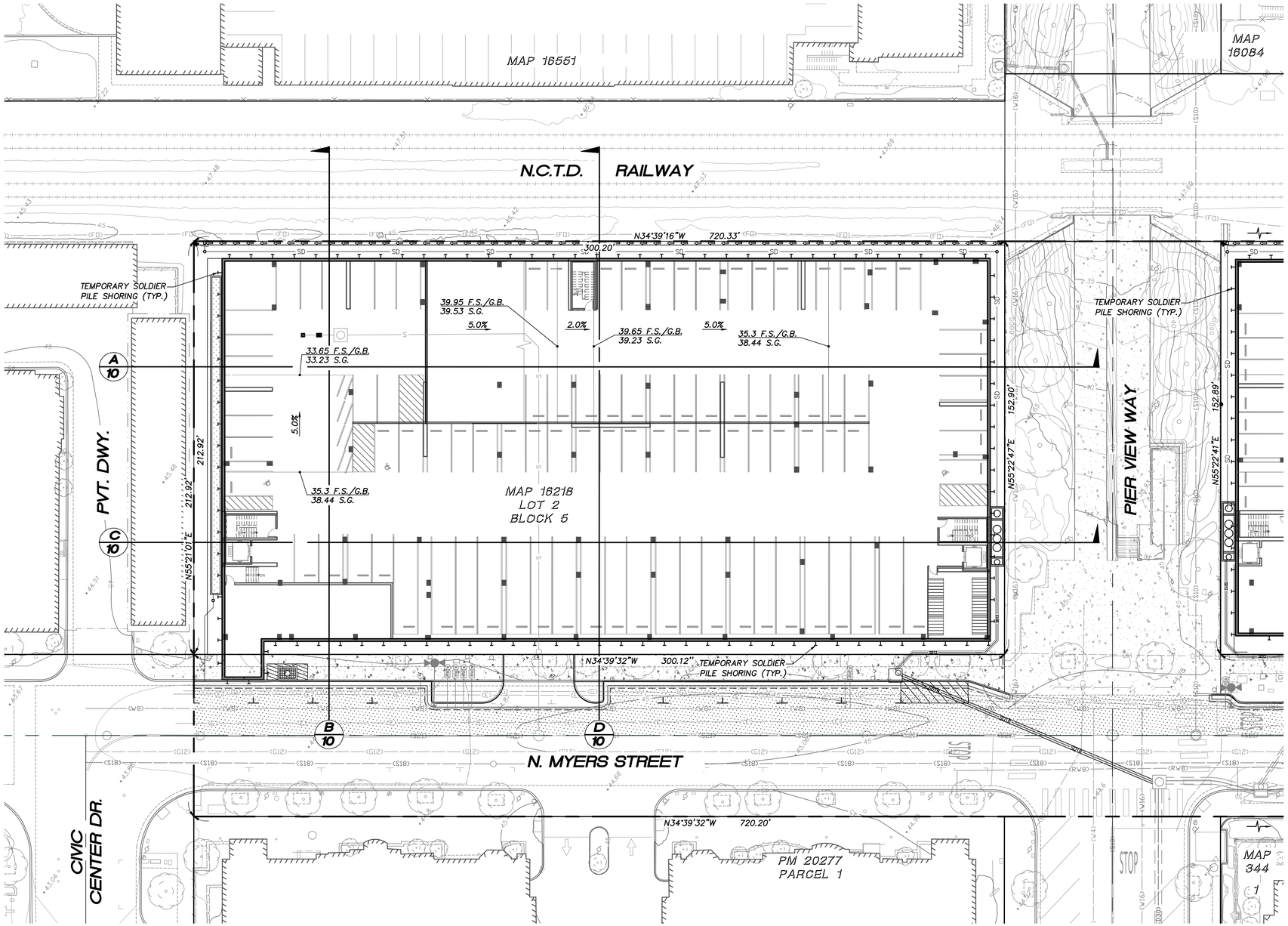

SCALE: 1" = 20'

GRAPHIC SCALE

20' 0 20' 40' 60'

Revision 4:
Revision 3:
Revision 2:
Revision 1:

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Sheet 8 of 11

TITLE BASEMENT SITE/GRADING PLAN BLOCK 5

SB&O INC.
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3990 Ruffin Road, Suite 120
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858-560-1141 858-560-8157
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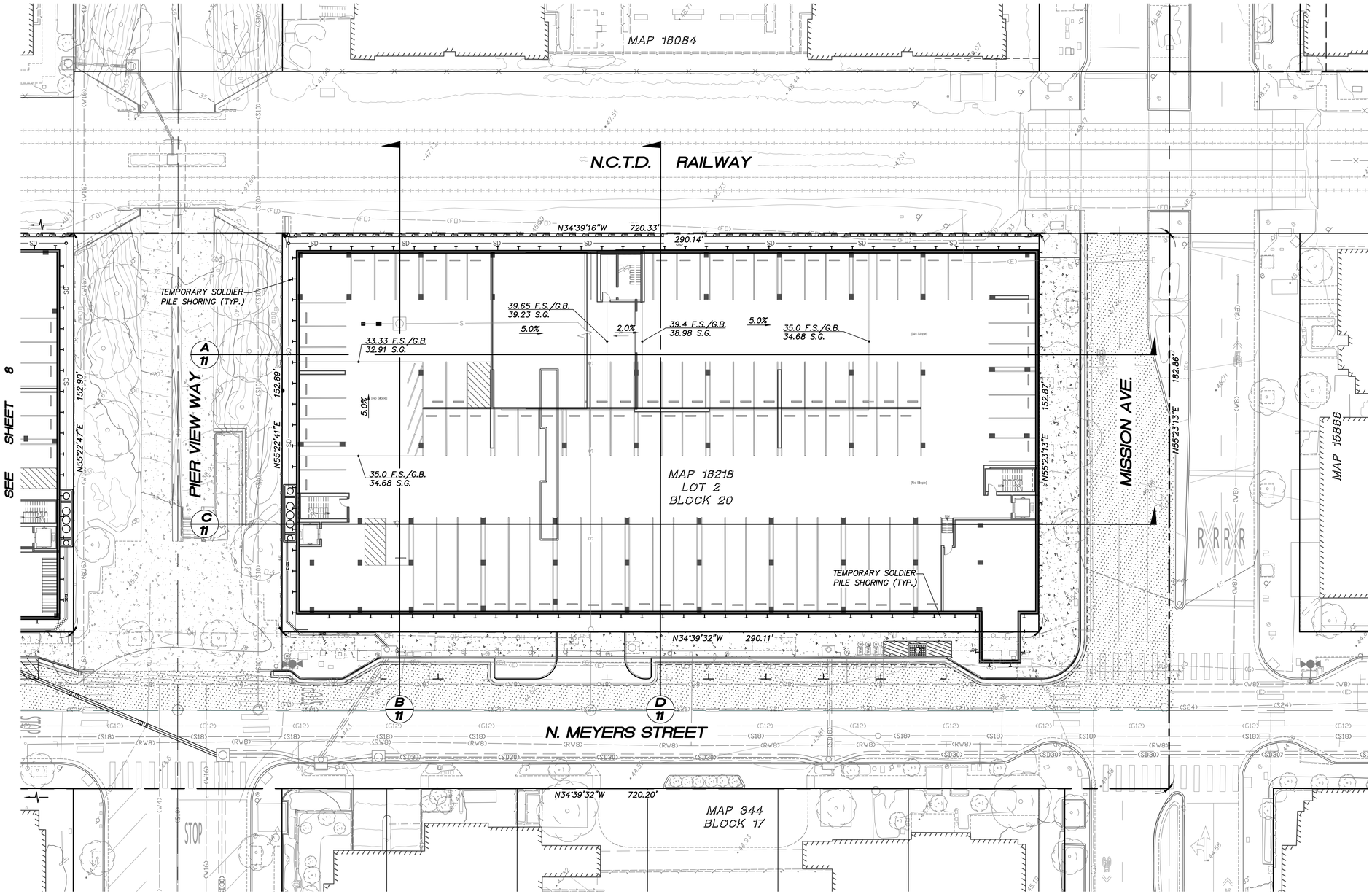

NOTE:

TIEBACKS WITHIN THE R/W MUST BE REMOVED FROM THE UPPER 20' MEASURED FROM FINISH SURFACE. STEEL BEAMS WITHIN THE R/W MUST BE REMOVED FROM THE UPPER 5' MEASURED FROM FINISH SURFACE,

Revision 4:
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Revision 2:
Revision 1:

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Sheet 9 of 11

TITLE BASEMENT SITE/GRADING PLAN BLOCK 20

SCALE: 1" = 20'

GRAPHIC SCALE

20' 0 20' 40' 60'

SB&O INC.
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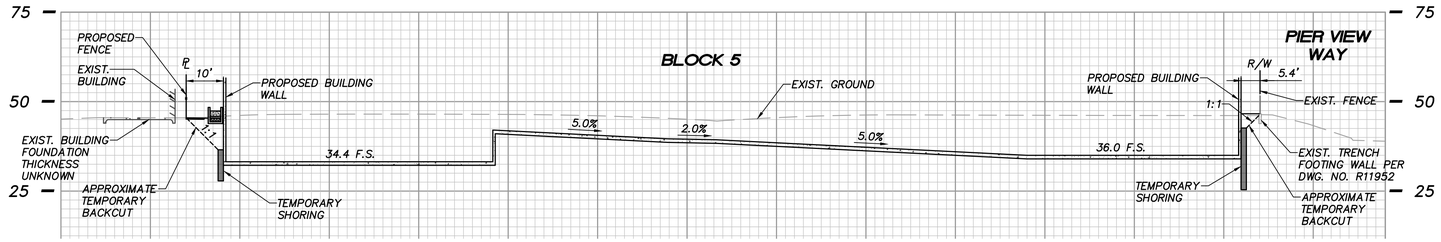
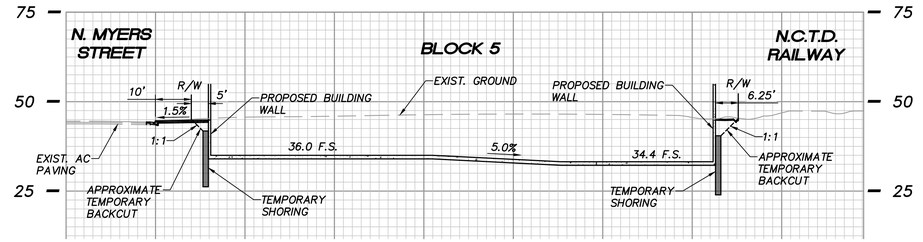


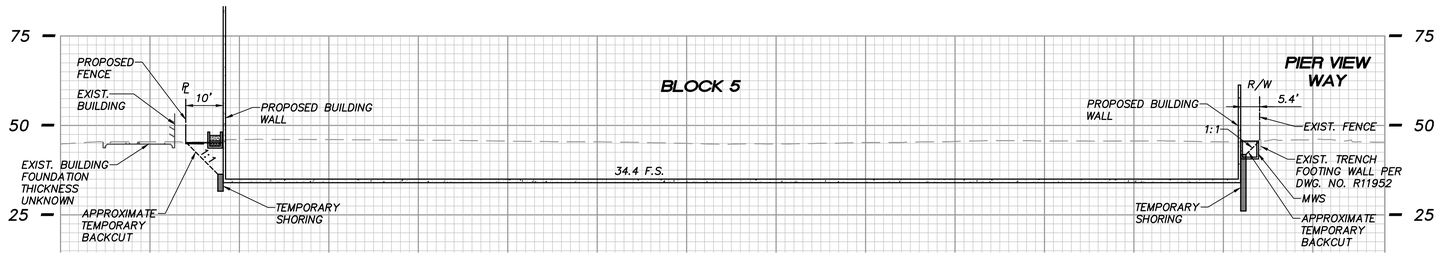
A/10 SITE SECTION 1 BLOCK 5 NORTH - SOUTH

SCALE: 1" = 20'(H),(V)



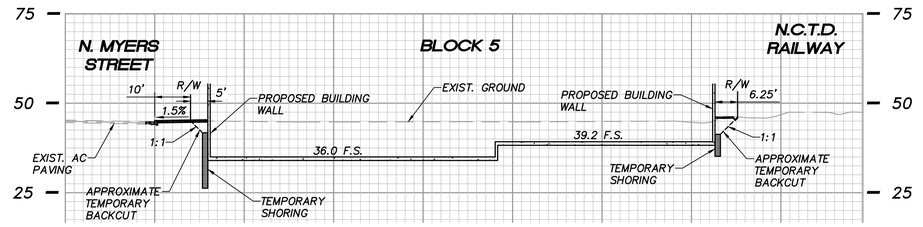
B/10 SITE SECTION 2 BLOCK 5 EAST - WEST

SCALE: 1" = 20'(H),(V)



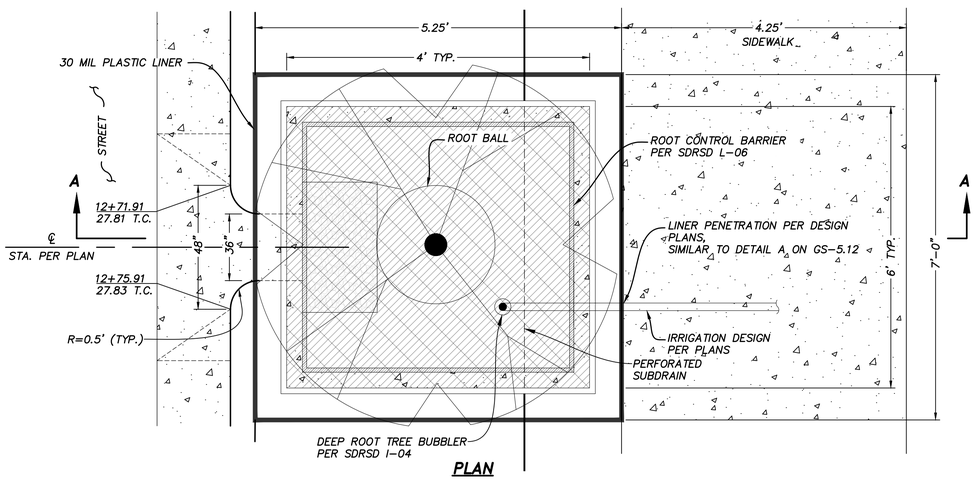
C/10 SITE SECTION 1 BLOCK 5 NORTH - SOUTH

SCALE: 1" = 20'(H),(V)

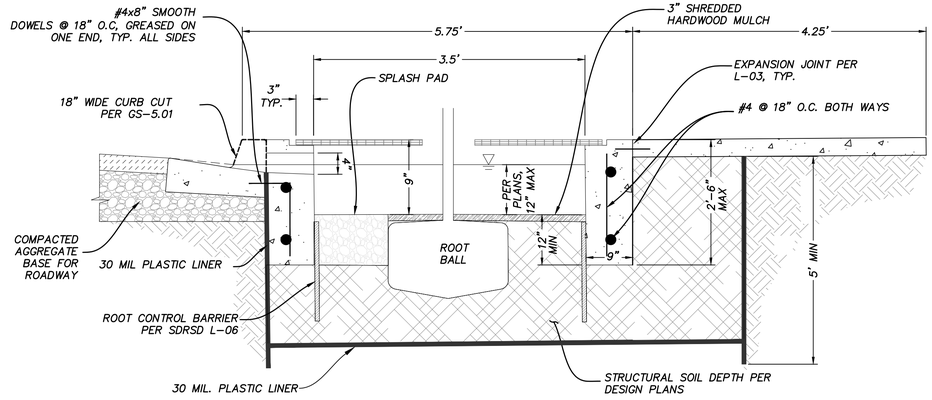


D/10 SITE SECTION 3 BLOCK 5 EAST - WEST

SCALE: 1" = 20'(H),(V)



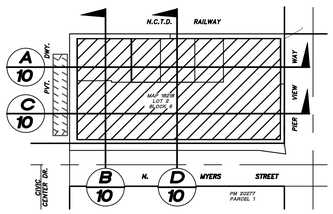
PLAN



SECTION A-A

E/10 DETAIL ~ 20' TREE WELL

NOT TO SCALE



KEY MAP - BLOCK 5

NOT TO SCALE

GRAPHIC SCALE

20' 0 20' 40' 60'

Revision 4:
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Sheet 10 of 11

TITLE SITE SECTIONS BLOCK 5

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AARON PARKER DATE

77910.10

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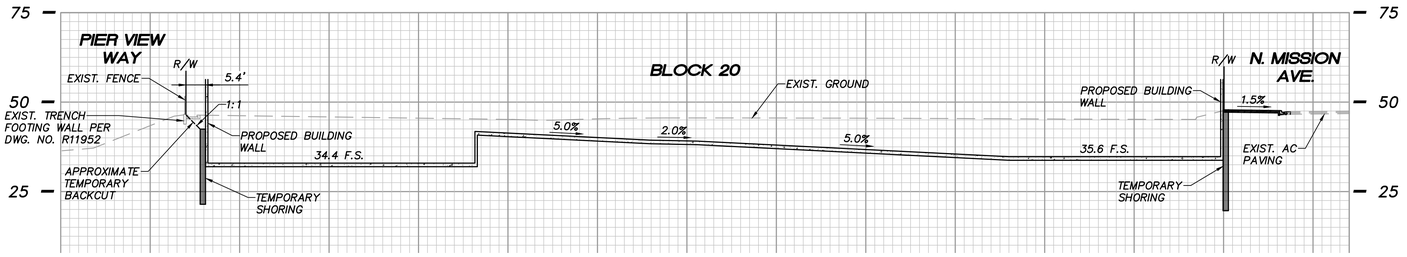
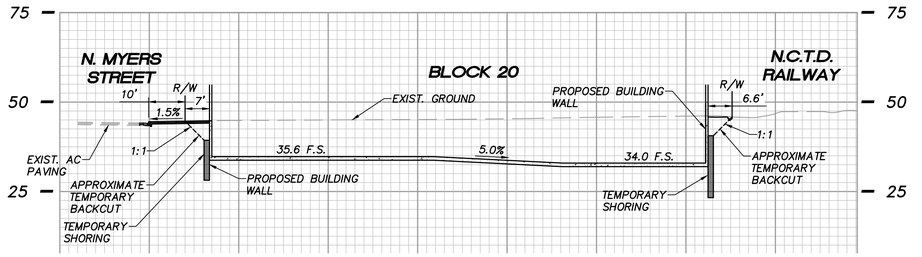


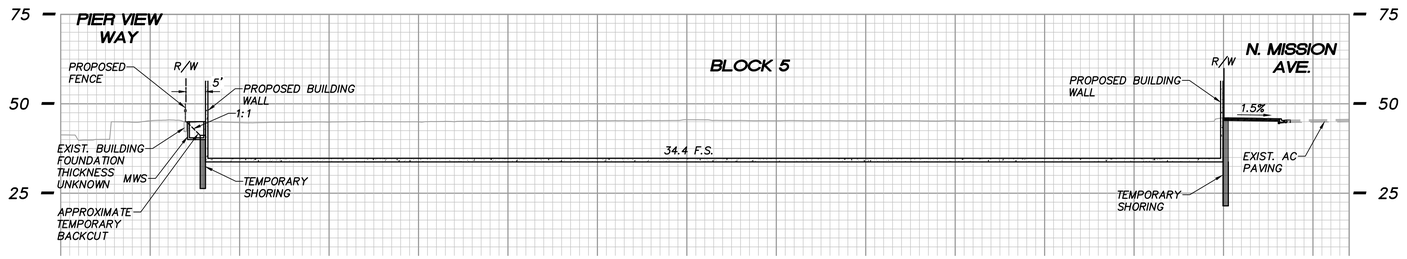
A/11 SITE SECTION 1 BLOCK 20 NORTH - SOUTH

SCALE: 1" = 20'(H),(V)



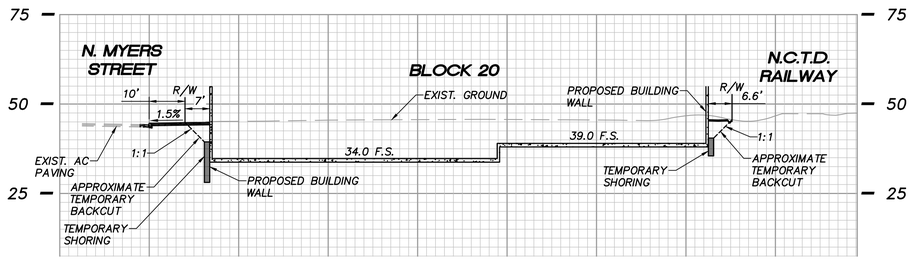
B/11 SITE SECTION 2 BLOCK 20 EAST - WEST

SCALE: 1" = 20'(H),(V)



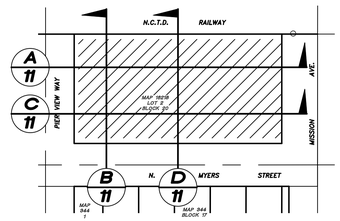
C/11 SITE SECTION 1 BLOCK 20 NORTH - SOUTH

SCALE: 1" = 20'(H),(V)



D/11 SITE SECTION 3 BLOCK 20 EAST - WEST

SCALE: 1" = 20'(H),(V)



KEY MAP - BLOCK 20

NOT TO SCALE

GRAPHIC SCALE

20' 0 20' 40' 60'

Revision 4:
Revision 3:
Revision 2:
Revision 1:

Original Date: 11-22-23

Sheet 11 of 11

TITLE SITE SECTIONS BLOCK 20

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
San Diego, Ca. 92123
858-560-1141 858-560-8157
Fax

REGISTERED PROFESSIONAL ENGINEER
AARON PARKER
No. 68547
CIVIL
STATE OF CALIFORNIA

AARON PARKER DATE

77910.10

Plotted: 1/23/2025 1:45 PM D:\77912 OCEANSIDE BLOCKS 5 & 20\03 DWG\TM\77912TM10-TM11.DWG - jkohlenberg

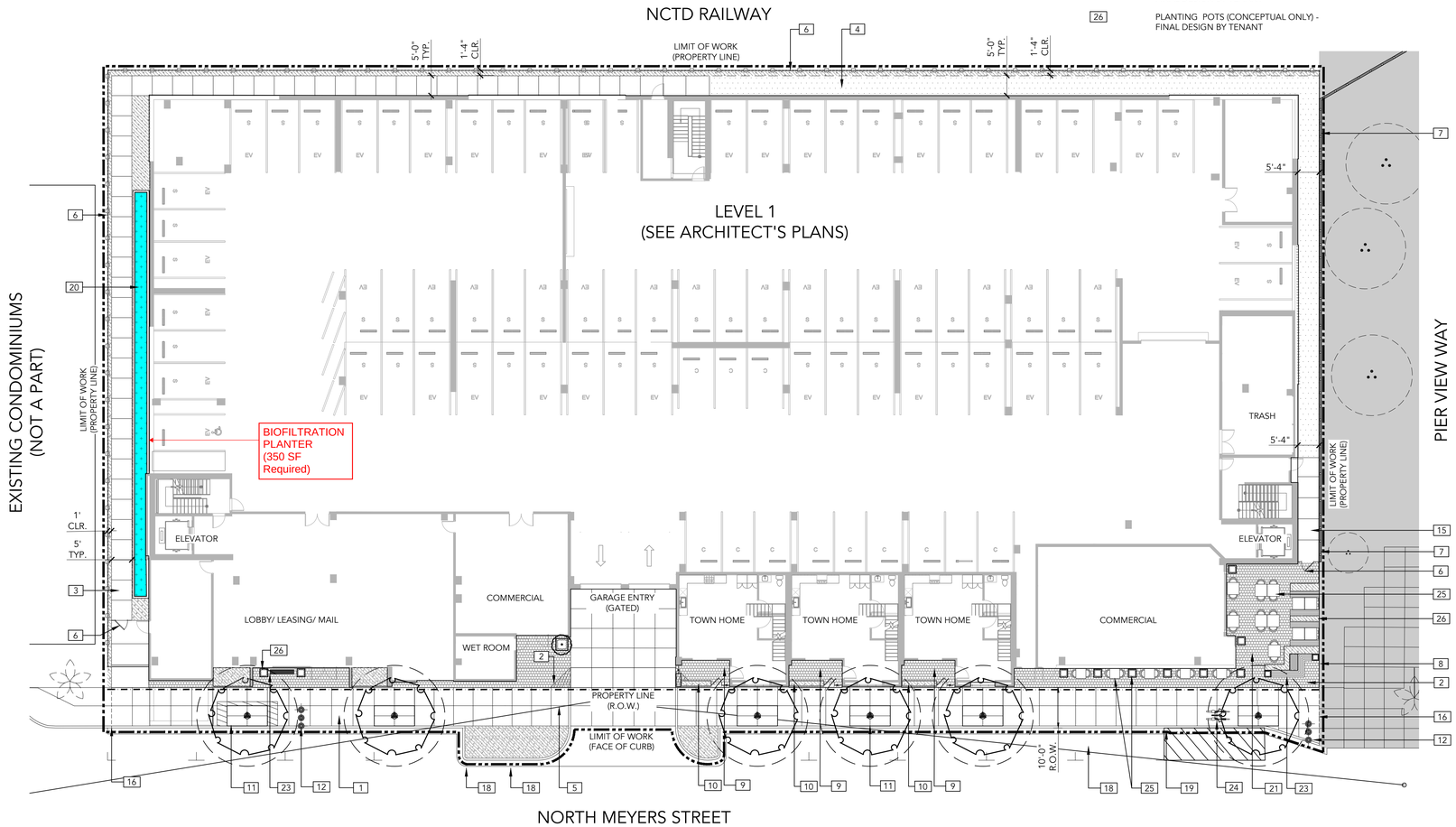
PAVING NOTE

PLEASE NOTE THAT ALL PEDESTRIAN PAVING SHALL COMPLY WITH THE MOST CURRENT EDITION OF THE AMERICANS WITH DISABILITIES ACT (ADA)

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
1	CONCRETE WALK (WITHIN R.O.W.) NATURAL GRAY WITH MEDIUM BROOM FINISH (TO MATCH CITY OF OCEANSIDE CITY STD.)	
2	ENHANCED PAVING (PRIVATE PROPERTY)	A/L109
3	EMERGENCY EGRESS (PRIVATE PROPERTY) NATURAL GRAY CONCRETE WITH MEDIUM BROOM FINISH	
4	EMERGENCY ACCESS (PRIVATE PROPERTY) DECOMPOSED GRANITE WITH METAL HEADER	
5	LINE OF SIGHT, TYP.	
6	PERIMETER ACCESS FENCE & GATE (6' HT. MIN. TUBE STEEL)	A/L110
7	EXISTING DECORATIVE METAL FENCE AT PIER VIEW WAY (TO REMAIN)	
8	EXISTING DECORATIVE METAL FENCE AT PIER VIEW WAY (TO BE REMOVED)	
9	PRIVATE PATIO	
10	PRIVATE PATIO RAILING & RAISED PLANTER	F/L109
11	DECORATIVE METAL TREE GRATE (5' W. X 10' L) - TO MATCH CITY OF OCEANSIDE STANDARD	B/L109
12	DECORATIVE DOUBLE-HEAD POLE FIXTURE - TO MATCH CITY OF OCEANSIDE STANDARD	C/L109

SYMBOL	DESCRIPTION	DETAIL
13	DECORATIVE DOUBLE-HEAD POLE FIXTURE WITH TRAFFIC LIGHT ARM - TO MATCH CITY OF OCEANSIDE STANDARD	D/L109
14	OPEN TREE WELL (5' W. X 10' L.) WITH BRICK BANDING PER CITY OF OCEANSIDE STD.	E/L109
15	MODULAR WETALND SYSTEM (4' W. X 19' L.) (SEE CIVIL ENGINEER'S PLANS)	
16	JOIN EXISTING PAVING	
17	EXISTING UTILITIES - SEE CIVIL ENGINEER'S PLANS	
18	PROPOSED UTILITIES - SEE CIVIL ENGINEER'S PLANS	
19	PROPOSED DRAINAGE - SEE CIVIL ENGINEER'S PLANS	
20	BIORETENTION - SEE CIVIL ENGINEER'S PLANS	
21	COMMERCIAL PATIO	
22	RAISED PLANTER AT ACCENT WALL	D/L110
23	BENCH	
24	BIKE RACK - 2 BIKE CAPACITY	
25	SITE FURNISHINGS (CONCEPTUAL ONLY) - FINAL DESIGN BY TENANT	
26	PLANTING POTS (CONCEPTUAL ONLY) - FINAL DESIGN BY TENANT	



PLANTING LEGEND

SYMBOL	BOTANICAL NAME *COMMON NAME*	SIZE	WUCOLS
	STREET TREE I MISSION AVENUE (TO MATCH ADJACENT BLOCK)		
	CUPANIOPSIS ANACARDIOIDES *CARROT WOOD TREE*	36" BOX (STD.)	M
	STREET TREE I NORTH MYERS WAY (TO MATCH ADJACENT BLOCK)		
	PODOCARPUS GRACILIOR *FERN PINE*	36" BOX (STD.)	M
	ACCENT TREES		
	ARBUTUS 'MARINA' *'MARINA' STRAWBERRY TREE*	36" BOX (MULTI.)	L
	OLEA EUROPAEA 'SWAN HILL' *'SWAN HILL' OLIVE* (FRUITLESS)	36" BOX (MULTI.)	L
	MAGNOLIA GRANDIFLORA 'LITTLE GEM' *' LITTLE GEM' SOUTHERN MAGNOLIA*	36" BOX	M
	JACARANDA MIMOSIFOLIA 'BONSAI BLUE' *'BONSAI BLUE' JACARANDA* TREE	36" BOX	M
	LOPHOSTEMON CONFERTUS *BRISBANE BOX TREE*	36" BOX	M
	ARAUCARIA HETEROPHYLLA *NORFOLK ISLAND PINE*	36" BOX	M
	SPECIMEN PALM TREE		
	ARCHONTOPHOENIX CUNNINGHAMIANA *KING PALM*	15' BTH (STD.)	M
	HOWIA FORESTERIANA *KENTIA PALM*	15' BTH (STD.)	M
	PHOENIX DACTYLIFERA 'MEDJOOL' *'MEDJOOL' DATE PALM*	15' BTH (STD.)	L
	WASHINGTONIA ROBUSTA *MEXICAN FAN PALM*	15' BTH (STD.)	L

SYMBOL	BOTANICAL NAME *COMMON NAME*	SIZE	WUCOLS
	SHRUBS & UNDERSTORY		
	AGAVE SPP. *AGAVE*	1 GAL.	L
	ALOE SPP. *ALOE*	1 GAL.	L
	CARISSA MACROCARPA 'GREEN CARPET' *'GREEN CARPET' NATAL PLUM*	1 GAL.	L
	CALLISTEMON VIMINALIS 'LITTLE JOHN' *'LITTLE JOHN' BOTTLEBRUSH*	5 GAL.	L
	CAREX TUMULICOLA *BERKELEY SEDGE*	1 GAL.	L
	DIETES BICOLOR *FORTNIGHT LILY*	1 GAL.	L
	HESPERALOE PARVIFLORA *RED/YELLOW YUCCA*	5 GAL.	VL
	LIGUSTRUM JAPONICUM 'TEXANUM' *JAPANESE PRIVET*	5 GAL.	M
	LOMANDRA LONGIFOLIA *DWARF MAT RUSH*	5 GAL.	L
	MUHLENBERGIA RIGENS *DEER GRASS*	5 GAL.	L
	PENNISETUM MASSAICUM 'BUNNY TAILS' *RED BUNNY TAILS*	5 GAL.	M
	PHORMIUM SPP. *FLAX*	5 GAL.	M
	PITTOSPORUM TOBIRA 'VARIEGATA' *MOCK ORANGE*	5 GAL.	M
	PORTULACARIA AFRA MINIMA *DWARF ELEPHANT FOOD*	1 GAL.	VL
	RHAPHIOLEPIS INDICA 'CLARA' *'CLARA' INDIAN HAWTHORN*	5 GAL.	L
	RHAPIOLEPIS UMBELLATA 'MINOR' *YEDDO HAWTHORN*	5 GAL.	L
	SALVIA LEUCOPHYLLA 'POINT SAL' *'POINT SAL' PURPLE SAGE*	5 GAL	VL
	SESLERIA X 'GREENLEE' *'GREENLEE' MOOR GRASS*	1 GAL.	M
	SENECIO SERPENS *BLUE CHALKSTICKS*	1 GAL.	L
	TRADESCANTIA PALLIDA 'PURPLE HEART' *PURPLE QUEEN SPIDERWORT*	1 GAL.	M
	WESTRINGIA FRUTICOSA 'MORNING LIGHT' *'MORNING LIGHT' WESTRINGIA*	5 GAL.	L
	VINES		
	BOUGAINVILLEA 'SAN DIEGO RED' *'SAN DIEGO RED' BOUGAINVILLEA*	5 GAL.	L
	FICUS REPENS *CREEPING FIG*	5 GAL.	M
	LONICERA JAPONICA *JAPANESE HONEYSUCKLE*	5 GAL.	L
	TECOMA X ALATA *ORANGE BELLS*	5 GAL.	L
	TRACHELOSPERMUM JASMINOIDES *STAR JASMINE*	5 GAL.	M
	BIORETENTION PLANTING		

PERMEABLE SURFACE AREA

SURFACE AREA	
BLOCK 5 (NET ACREAGE)	1.054 AC
BLOCK 20 (NET ACREAGE)	1.018 AC
TOTAL AREA	2.072 AC
REQUIRED PERMEABLE SURFACE AREA FOR PROJECT SITES 1 ACRE OR MORE	0.456 AC 22% MIN.
PROVIDED PERMEABLE SURFACE AREA	
BLOCK 5	
LEVEL 1 PERMEABLE SURFACE	0.064 AC *(2,782 SF)*
LEVEL 3 PERMEABLE SURFACE	0.038 AC *(1,648 SF)*
BLOCK 20	
LEVEL 1 PERMEABLE SURFACE	0.068 AC *(2,971 SF)*
LEVEL 3 PERMEABLE SURFACE	0.026 AC *(1,149 SF)*
TOTAL	0.196 AC *(8,550 SF)*
PERCENTAGE PROVIDED	9.5%

PLEASE NOTE THAT DUE TO OUR INABILITY TO MEET THIS REQUIREMENT THE OWNER IS REQUESTING A WAIVER. SEE ARCHITECTURAL COVER SHEET, REQUESTED DENSITY BONUS INCENTIVE/WAIVER, WAIVER (W-6).

CANOPY COVERAGE CALCS

NET PROJECT ACREAGE	2.072 AC *(90,246 SF)*
REQUIRED CANOPY AREA (12%)	0.248 AC *(10,829 SF)*
BLOCK 5 CANOPY AREA	0.123 AC *(5,341 SF)*
BLOCK 20 CANOPY AREA	0.186 AC *(8,108 SF)*
TOTAL CANOPY AREA PROVIDED	0.309 AC *(13,449 SF)*
TREE SPECIES MATURE SIZE	
PODOCARPUS GRACILIOR	25 FT DIA.
CUPANIOPSIS ANACARDIOIDES	30 FT DIA.
ARCHONTOPHOENIX CUNNINGHAMIANA	15 FT DIA.
ARBUTUS 'MARINA'	20 FT DIA.

TREE AT 100% MATURE SIZE (COUNTED TOWARD CANOPY COVERAGE)

TREE AT 75% MATURE SIZE

LOT COVERAGE

GROSS SITE ACREAGE	3.52 AC
NET SITE ACREAGE *(BUILDINGS AND STREETS REMOVED)*	2.07 AC
REQUIRED LANDSCAPE COVERAGE *(25% MINIMUM FOR NEW CONSTRUCTION)*	0.52 AC *(22,561 SF)*
PROVIDED LANDSCAPE COVERAGE	0.27 AC *(11,697 SF)*
PERCENTAGE OF GROSS SITE ACREAGE	13 %

PLEASE NOTE THAT DUE TO OUR INABILITY TO MEET THIS REQUIREMENT THE OWNER IS REQUESTING A WAIVER. SEE ARCHITECTURAL COVER SHEET, REQUESTED DENSITY BONUS INCENTIVE/WAIVER, WAIVER (W-8).

OCEANSIDE BLOCKS 5 & 20

OCEANSIDE | CA

RYAN COMPANIES US, INC. | 23-044

DATE 08 | 07 | 24

1/16"=1'-0" SCALE

0 16 32

NORTH

URBAN ARENA

BLOCK 5 - LEVEL 1 | L103

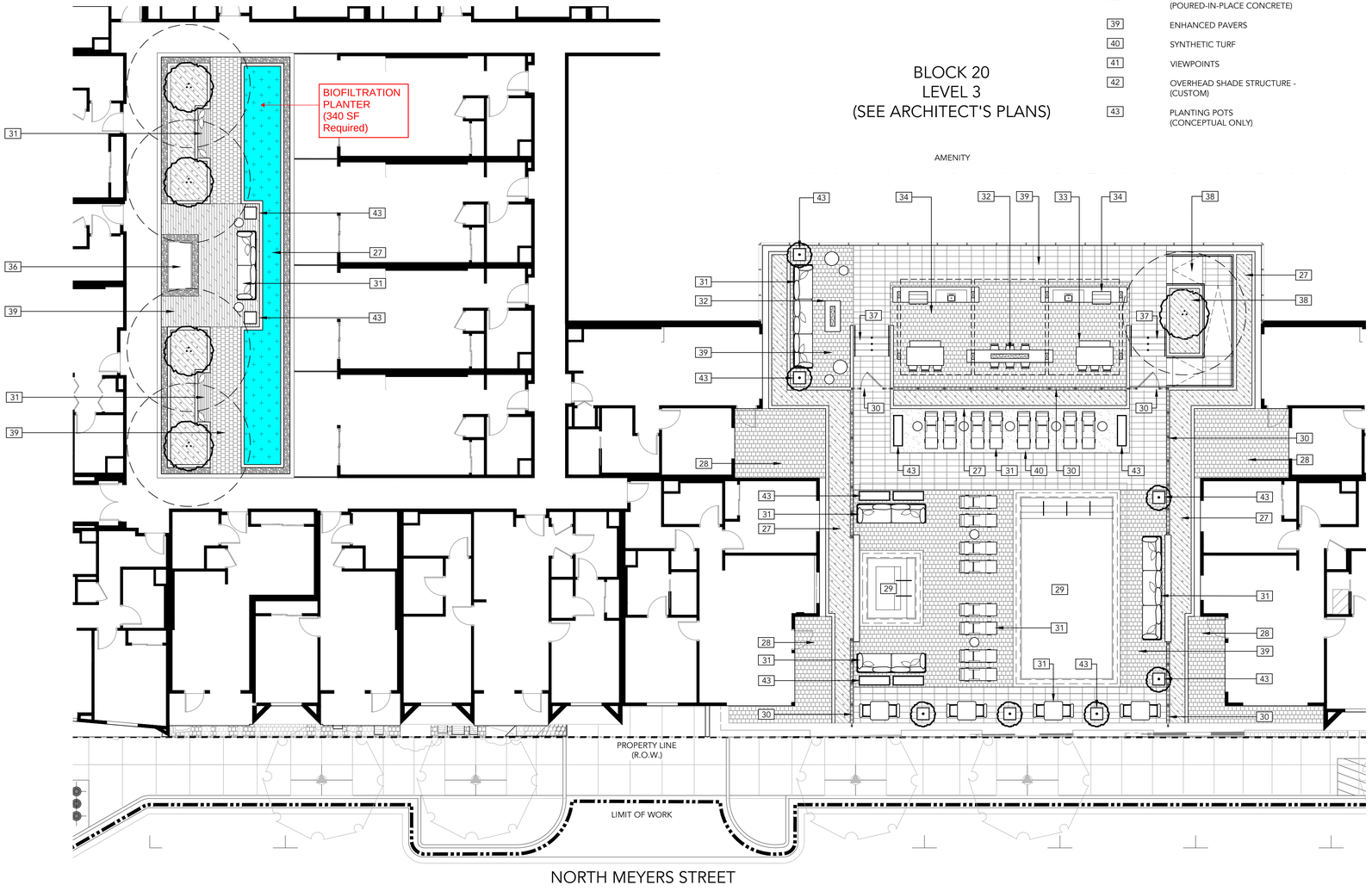
PAVING NOTE

PLEASE NOTE THAT ALL PEDESTRIAN PAVING SHALL COMPLY WITH THE MOST CURRENT EDITION OF THE AMERICANS WITH DISABILITIES ACT (ADA)

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
27	RAISED PLANTER (PODIUM)	C/L110
28	EXPANDED PRIVATE PATIO (ACCESS FROM UNIT ONLY)	
29	POOL & SPA	
30	POOL ENCLOSURE FENCE & GATE	B/L110
31	LOUNGE AREA - (SITE FURNISHINGS CONCEPTUAL ONLY)	
32	FIRE PIT - (CONCEPTUAL ONLY)	E/L110
33	ENTERTAINMENT AREA - (SITE FURNISHINGS CONCEPTUAL ONLY)	
34	BARBECUE COUNTER	
35	CABANA (SHADE STRUCTURE)	F/L110
36	WATER FEATURE (CONCEPTUAL ONLY)	
37	STAIRS (POURED-IN-PLACE CONCRETE)	
38	ACCESSIBLE RAMP - (POURED-IN-PLACE CONCRETE)	
39	ENHANCED PAVERS	A/L109
40	SYNTHETIC TURF	
41	VIEWPOINTS	
42	OVERHEAD SHADE STRUCTURE - (CUSTOM)	
43	PLANTING POTS (CONCEPTUAL ONLY)	

BLOCK 20
LEVEL 3
(SEE ARCHITECT'S PLANS)



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OCEANSIDE BLOCKS 5 & 20

OCEANSIDE | CA

RYAN COMPANIES US, INC. | 23-044

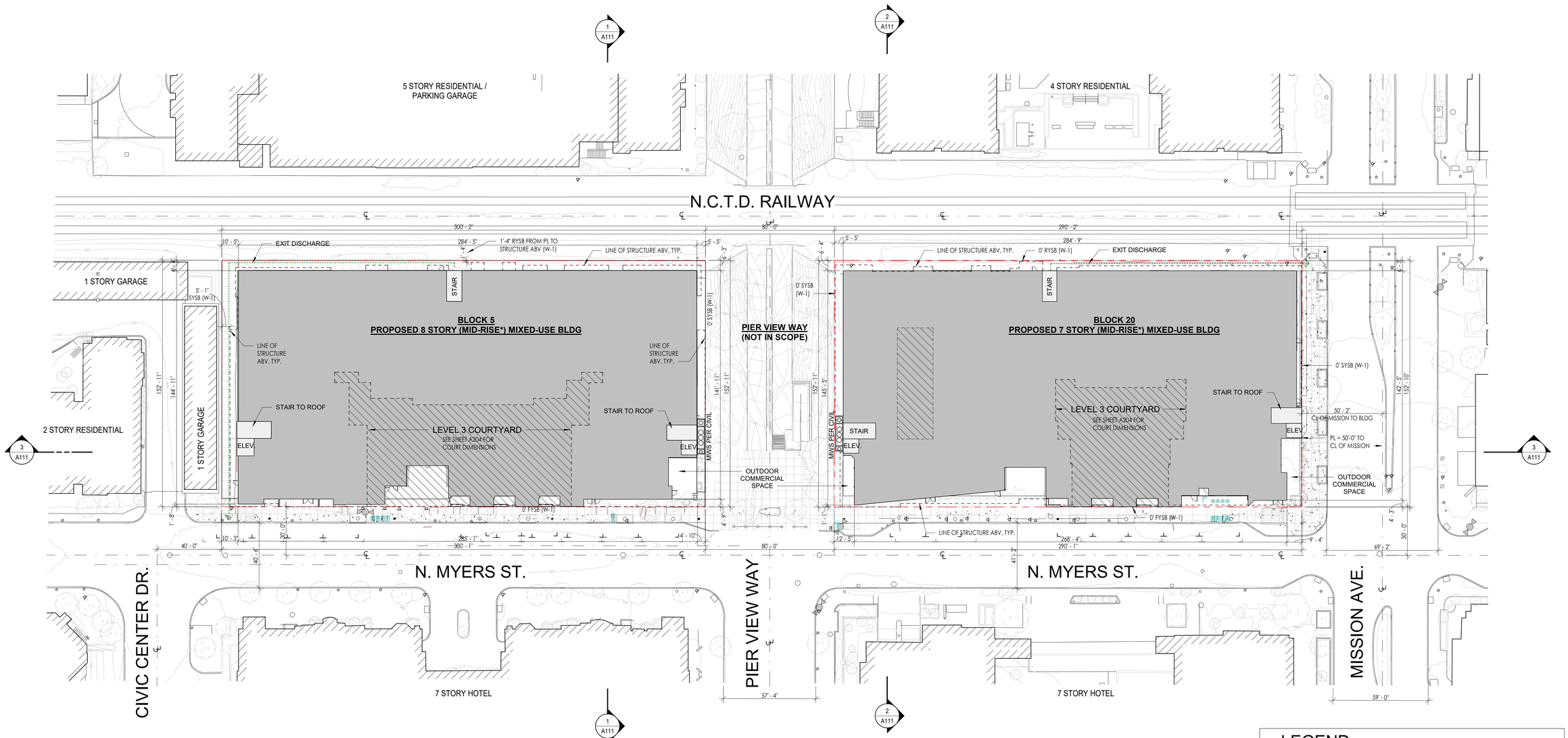
DATE 08 | 07 | 24

1"=10'-0" SCALE
0 10 20

NORTH

URBAN ARENA

BLOCK 20 - LEVEL 3 | L107



LEGEND

	PROPOSED BUILDING	FYSB	FRONT YARD SETBACK
	COURTYARD AT LEVEL 3	RYSB	REAR YARD SETBACK
	ADJACENT BUILDING	SYSB	SIDE YARD SETBACK
	EXIT DISCHARGE		
	PROPERTY LINE		
	STRUCTURE ABOVE		
	CENTERLINE OF STREET		

NOTE:
SEE L3 FLOOR PLANS AT EACH BUILDING FOR COURT DIMENSIONS

1 A101 SITE PLAN
1" = 30'-0"

0' 5' 10' 20' 40' 80'

N PLAN

JWDA

SITE PLAN	SCALE:	A101
PROJECT NAME: **BLOCKS 5 & 20 OCEANSIDE**	JOB NO: **3601**	DATE: 11/18/2024

ATTACHMENT 5
Drainage Report

This is the cover sheet for Attachment 5.

DRAINAGE REPORT

FOR

BLOCKS 5 & 20
RD 23-00006

CITY OF OCEANSIDE, CA

Prepared for:
RYAN COMPANIES
4275 Executive Square, Suite 370
La Jolla, CA 92037
(858) 812-7993

Prepared by:

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
San Diego, Ca. 92123
858-560-1141
858-560-8157 Fax

REGISTERED PROFESSIONAL ENGINEER
ALLEN L. BUTCHER
No. 47107
CIVIL
STATE OF CALIFORNIA

Allen L. Butcher, PE C47107

May 10, 2024

SB&O Job No. 77910.25

TABLE OF CONTENTS

Introduction 1

Description 2
Existing Condition 2
Developed Condition 2

Methodology 3
Rational Method Hydrology 3

Conclusion 4

EXHIBITS

- Existing Drainage Map ..... Map Pocket 1
- Proposed Drainage Map ..... Map Pocket 2

ATTACHMENTS

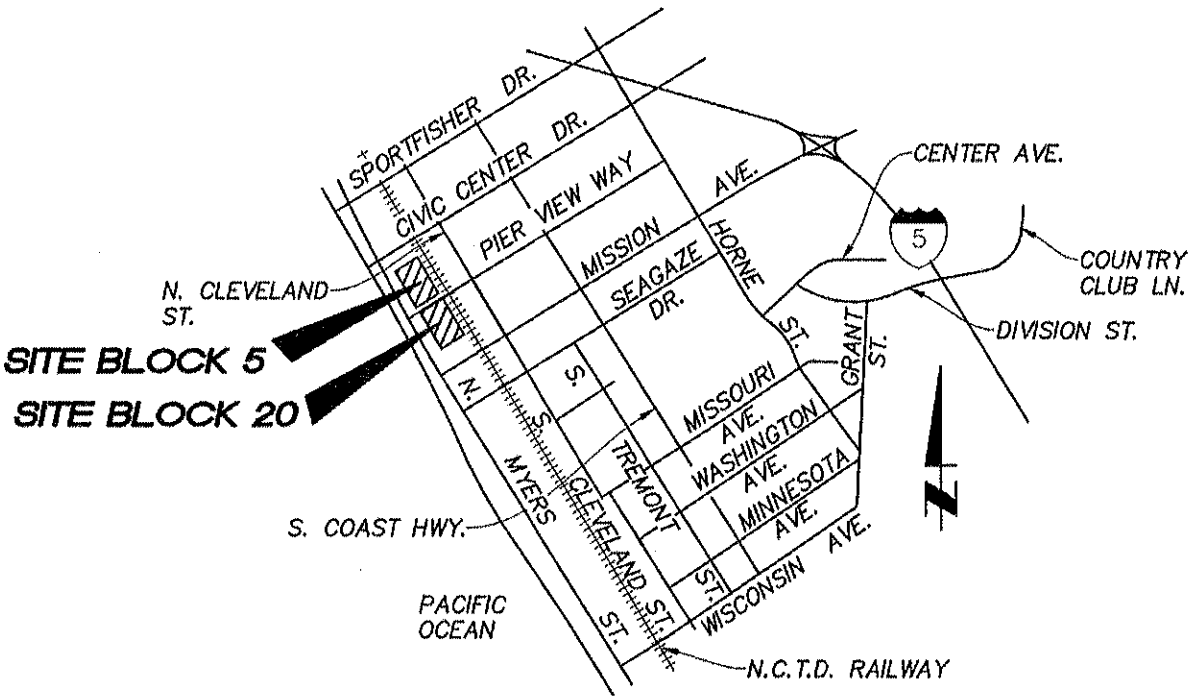
- Runoff Coefficient ("C") Table
- Soils Map
- Exhibit from City's Master Drainage Study
- 85th Percentile Precipitation Map
- Rainfall Isopluvials

INTRODUCTION

The scope of this report is limited to addressing the potential storm water impacts associated with the development of the site, in accordance with the City of Oceanside (City) "Engineers Design and Processing Manual", and the County of San Diego (County) 2003 Hydrology Manual.

The purpose of this drainage report is to determine the peak discharge of storm water runoff generated from the site for the 2-, 10- and 100-year storm. Section 6.1.9 of the City's design guide does not allow a concentrated discharge of more than 10 CFS to the street. The on-site area drains are designed to convey the 2-year 6-hour storm event in open channel flow.

A separate Storm Water Mitigation Plan (SWMP) has been prepared for this project.



VICINITY MAP

NOT TO SCALE
THE THOMAS GUIDE 57TH EDITION
PG'S 1086 A-7 & 1106 A-1

DESCRIPTION

Existing Condition

The existing site is currently two large parking lots bisected by Pier View Way and bound by Mission Avenue to the south, North Myers Street to the west, an existing private building to the north, and the NCTD railroad tracks to the east. The combined parcel area is approximately 2.07 acres (Block 5 is 1.05 acres, Block 20 is 1.02 acres) and is predominantly covered with asphalt concrete paving, conservatively estimated at 90% impervious.

Block 20 mildly slopes east to west, sheet flowing to a shallow paved swales that discharge to the gutter of North Myers Street. From there it enters one of two existing curb inlets along the project frontage that connect to the storm drain system on the west side of North Meyers Street that conveys runoff westerly in Pier View Way directly to the Pacific Ocean. The southerly curb inlet receives runoff from Mission Ave (south of railroad crossing). Both sites receive runoff from NCTD property located east of the site.

Block 5 slopes gently from toward the North Myers Street gutter. There is a localized high point in North Myers frontage approximately mid-block, which splits the site runoff northerly toward Civic Center Drive, with the remainder directed to a localized low point near the southerly limits of Block 5. Due to the relatively shallow storage depth (less than 6"), large storm events will likely result in runoff ponding and then spilling in all directions – to the north and south gutters, to the west over the N Meyers crown and potentially to Pier View Way.

Runoff directed to the north, turns west in the cross gutter to the northerly Civic Center Drive gutter, which is intercepted by the curb inlet near the North Pacific Street intersection, and conveyed southerly to the Pier View Way storm drain, which discharges into the Pacific Ocean near the Oceanside Pier (CIP 00024 Sheet 6 & 8).

Attached to the report is the Atlas Page A of the City's Master Drainage Study showing the location of the existing storm drain system.

A runoff coefficient of 0.85, consistent with 90% imperviousness was selected for the predevelopment condition.

Post-Developed Condition

The proposed project consists of a multi-story mixed used buildings with subterranean parking, retail space, and residential apartments. Block 5 proposes an 8-story, mixed-use building including 193 multifamily units. Block 20 proposes a 7-story, mixed -use building including 180

multifamily units. The composite building dripline, representing the extents of storm water that will be collected, accounts for approximately 95% of the parcel area. The remaining areas will be paved or landscaped with the addition of the water quality and planter areas. The site is 95% impervious corresponding to a "C" value of 0.87, which corresponds to General Industrial, was selected.

All storm water captured from the roof will be directed to proprietary biofiltration units or bioretention planters, where it will be treated and then discharged to the public storm drain systems in North Myers Street.

A curb inlet & 18" storm drain was planned at the localized low point by the Meyers Street Public Storm Drain project (CIP 00024 Sheet 3) but never installed. The project proposes to construct the curb inlet and storm drain, to be connect to the existing A-4 cleanout on the south side of the North Meyers Street at the Pier View Way intersection – as originally shown on the CIP plans. See Conclusion section for further discussion.

METHODOLOGY

Rational Method Hydrology

Rational Method calculation were prepared for the site and adjacent areas according to Chapter 3 of the 2003 County Hydrology Manual. The flow (Q) in CFS is equal to the Area (A) multiplied by the Runoff Coefficient (C) multiplied by the Storm Intensity (I). The Runoff Coefficient (C) was selected from Table 3-1 of the San Diego County Hydrology Manual for a site that has a corresponding % impervious on Hydrologic Soil Group D. The site runoff was calculated for the 2-, 10-, and 100-year storm event. The Intensity of the storm (I) is formulated as follows: I= [7.44(P6)(Tc^-0.645)]. The existing and proposed sites will be a developed condition sites with a high degree of imperviousness. Based upon the short overland flow length and restricted initial overland flow lengths, a 10-minute time of concentration is assumed for both existing and post-development conditions. This provides the most conservative peak flow estimates. A summary of the results are shown below. The runoff values for the discharge location are shown on the Drainage Map (see Map Pockets). No attempt is made to confluence flows.

Summary of Intensity for Tc=10 mins				
Event Year	*P6* (in)	*P24* (in)	*Adjusted P6* (in)	*I100* (in/hr.)
2	1.1	1.75	1.1	2.90
10	1.65	2.95	1.65	4.35
100	2.6	4.5	2.6	6.85

Summary of Pre-development Rational Method Hydrology Results (C=0.85)				
Basin	**Area (acres)**	**Q_2 (cfs)**	**Q_{10} (cfs)**	**Q_{100} (cfs)**
E-1	0.1447	0.23	0.34	0.54
E-3	1.2878	2.03	3.04	4.80
North gutter	1.4325	2.26	3.39	5.33
E-2	0.1373	0.22	0.32	0.51
E-4	0.5064	0.80	1.20	1.89
Existing Inlet #2	0.6437	1.01	1.52	2.40
E-5	0.9600	1.51	2.27	3.57
Existing Inlet #1	0.9600	1.51	2.27	3.57
TOTAL	3.0362	4.78	7.17	11.31

Summary of Post-development Rational Method Hydrology Results (C=0.87)				
Basin	**Area (acres)**	**Q_2 (cfs)**	**Q_{10} (cfs)**	**Q_{100} (cfs)**
E-1	0.1447	0.23	0.34	0.54
P-7	0.0278	0.03	0.05	0.08
P-2	0.1685	0.27	0.40	0.63
North gutter	0.3410	0.53	0.79	1.24
P-1	0.9894	1.60	2.39	3.77
P-3	0.1020	0.16	0.24	0.38
Proposed Inlet (#3)	1.0914	1.76	2.63	**4.15**
E-2	0.1373	0.22	0.32	0.51
P-8	0.0307	0.04	0.05	0.08
P-5	0.1071	0.17	0.25	0.40
P-4	0.9785	1.58	2.37	3.73
Existing Inlet #2	1.2536	2.00	3.00	4.72
P-6	0.3502	0.55	0.83	1.30
Existing Inlet #1	0.3502	0.55	0.83	1.30
POST-DEVELOPMENT	3.0362	4.83	7.25	11.42
EXISTING TOTAL	3.0362	4.78	7.17	11.31
CHANGE				+1.03%

The above comparison confirms that the post-development peak runoff from the Block 20 & 5 sites and the frontage streets are consistent with the existing condition.

CONCLUSION

As expected, the peak flow discharge from the project and adjacent streets are consistent with the existing condition. No attempt was made to model the attenuation effects of the water quality facilities.

The project proposes to construct a curb inlet on N Meyers Street frontage, near the south end of Block 5, with an 18" storm drain connection to the existing storm drain cleanout at the Pier View Way intersection. The proposed improvement are shown on City CIP 00024 Sheet 3 (Meyers Street & Storm Drain "A") to address the localized low point in the gutter near the intersection.

Unfortunately, the hydrology design report for the CIP storm drain project is not available. The profile shows a Q of 3.8 cfs for the 18" storm drain (assumed to be Q100). Calculations for the area tributary to Curb Inlet #3 in the post construction table show the proposed site and street runoff is estimated at 4.15 cfs, an increase of 0.35 cfs. The proposed discharge is generally consistent with the design flow rate shown on the plans.

The CIP storm drain system begins approximately 700 feet east of the Pier View Way intersection. The time of concentration for the existing storm drain system will include a combination of overland street and gutter flows plus pipe travel time. Based upon the length of the system, a 10-minute time of concentration provides a reasonable comparison. The existing storm drain downstream of the proposed A-4 connection has a design flow rate 27.1 cfs (the capacity of the 30" RCP storm drain @ 0.5% is estimated at 31 cfs). A review of the profile for the downstream 36" storm drain "B" system shows a minor backwater condition near the Pacific Street intersection.

Based upon the above comparison, it is reasonable to conclude that the project and the proposed storm drain connection will have a negligible impact on the downstream public storm drain system.

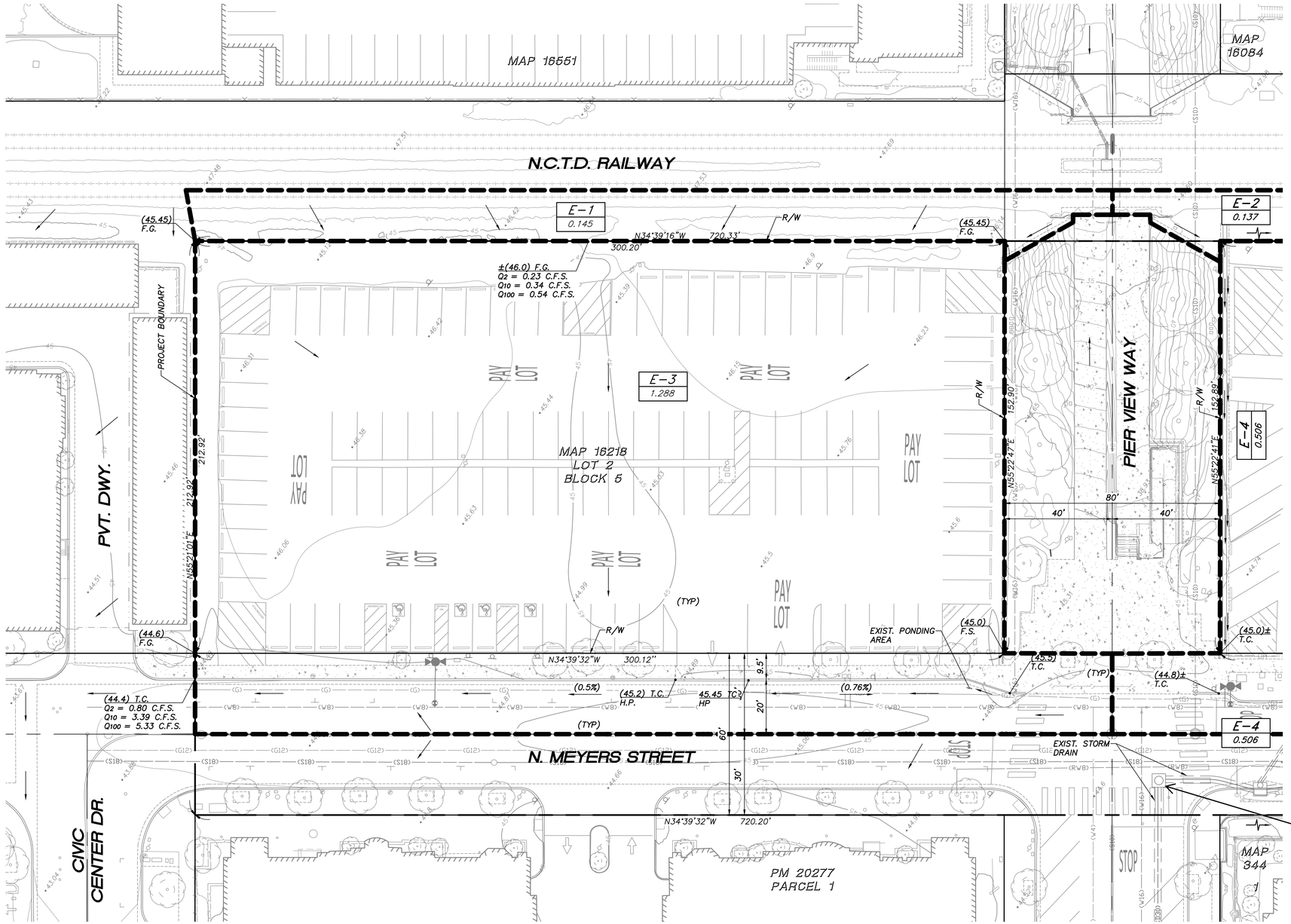
EXHIBIT

EXIST. DRAINAGE EXHIBIT FOR:
OCEANSIDE BLOCK 5

LEGEND

DESCRIPTION

- PROPERTY LINE (fE)/PROJECT BOUNDARY
- RIGHT-OF-WAY (R/W)
- EXIST. CURB AND GUTTER
- EXIST. CONTOUR (45)
- PROPOSED BASIN LIMITS
- DIRECTION OF DRAINAGE
- BASIN IDENTIFIER — E-3
- BASIN AREA (S.F.) — 1.288



N Meyers Street CIP System

SCALE: 1" = 20'

GRAPHIC SCALE

20' 0 20' 40' 60'

PRELIMINARY
FOR REVIEW ONLY

EXIST. DRAINAGE EXHIBIT FOR:
OCEANSIDE BLOCK 5

REGISTERED PROFESSIONAL ENGINEER
ALLEN L. BUTCHER
No. 47107
CIVIL
STATE OF CALIFORNIA

SB&O INC.
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
San Diego, Ca. 92123
858-560-1141 858-560-8157
Fax

77910.25

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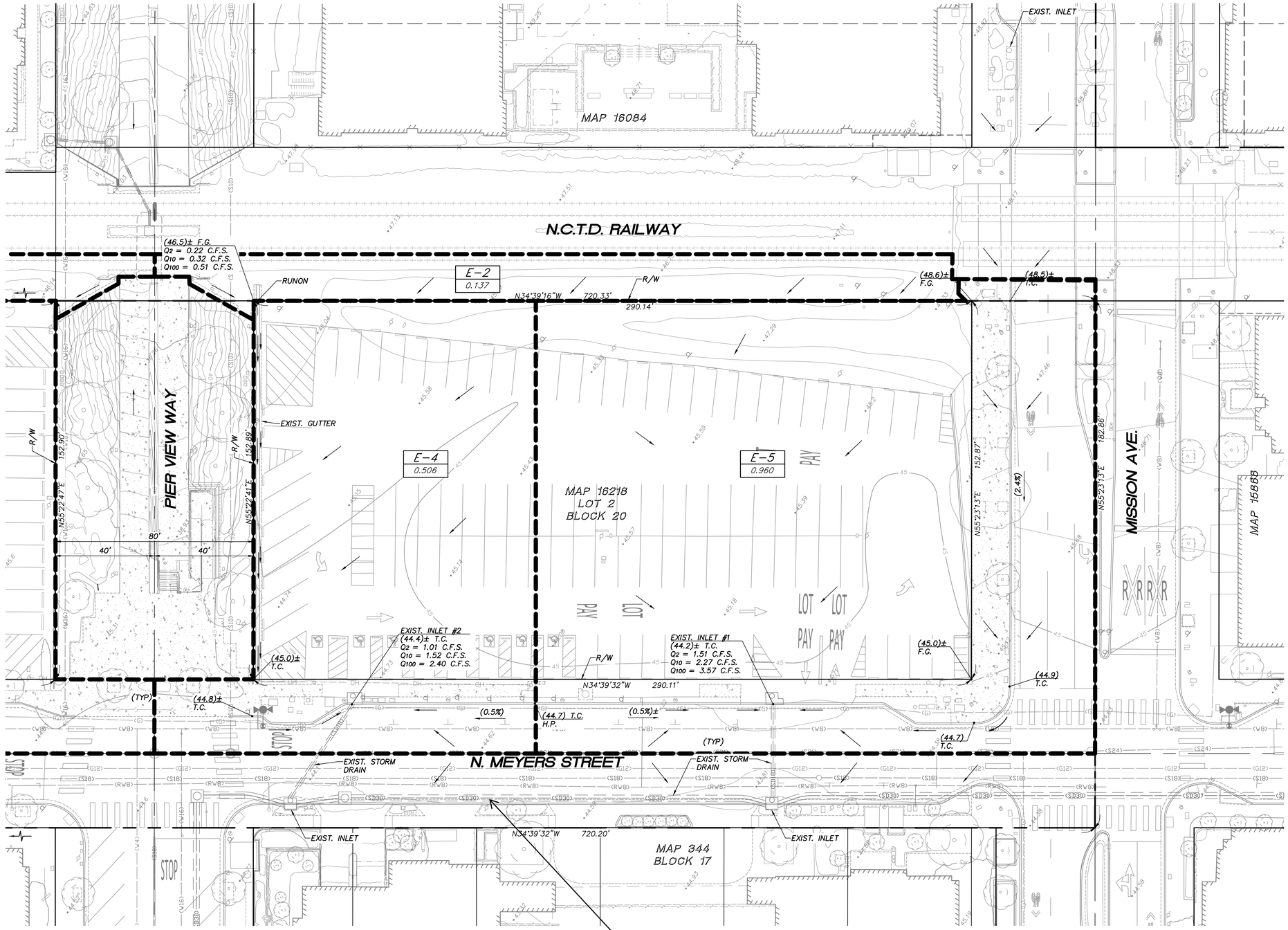
EXIST. DRAINAGE EXHIBIT FOR:
OCEANSIDE BLOCK 20

LEGEND

DESCRIPTION

- PROPERTY LINE (E)/PROJECT BOUNDARY
- RIGHT-OF-WAY (R/W)
- EXIST. CURB AND GUTTER
- EXIST. CONTOUR (45)
- PROPOSED BASIN LIMITS
- DIRECTION OF DRAINAGE
- BASIN IDENTIFIER → E-3
- BASIN AREA (S.F.) → 1.288



SCALE: 1" = 20'

GRAPHIC SCALE

20' 0 20' 40' 60'

PRELIMINARY
FOR REVIEW ONLY

EXIST. DRAINAGE EXHIBIT FOR:
OCEANSIDE BLOCK 20

REGISTERED PROFESSIONAL ENGINEER
ALLEN L. BUTCHER
No. 47107
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STATE OF CALIFORNIA

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Fax

77910.25

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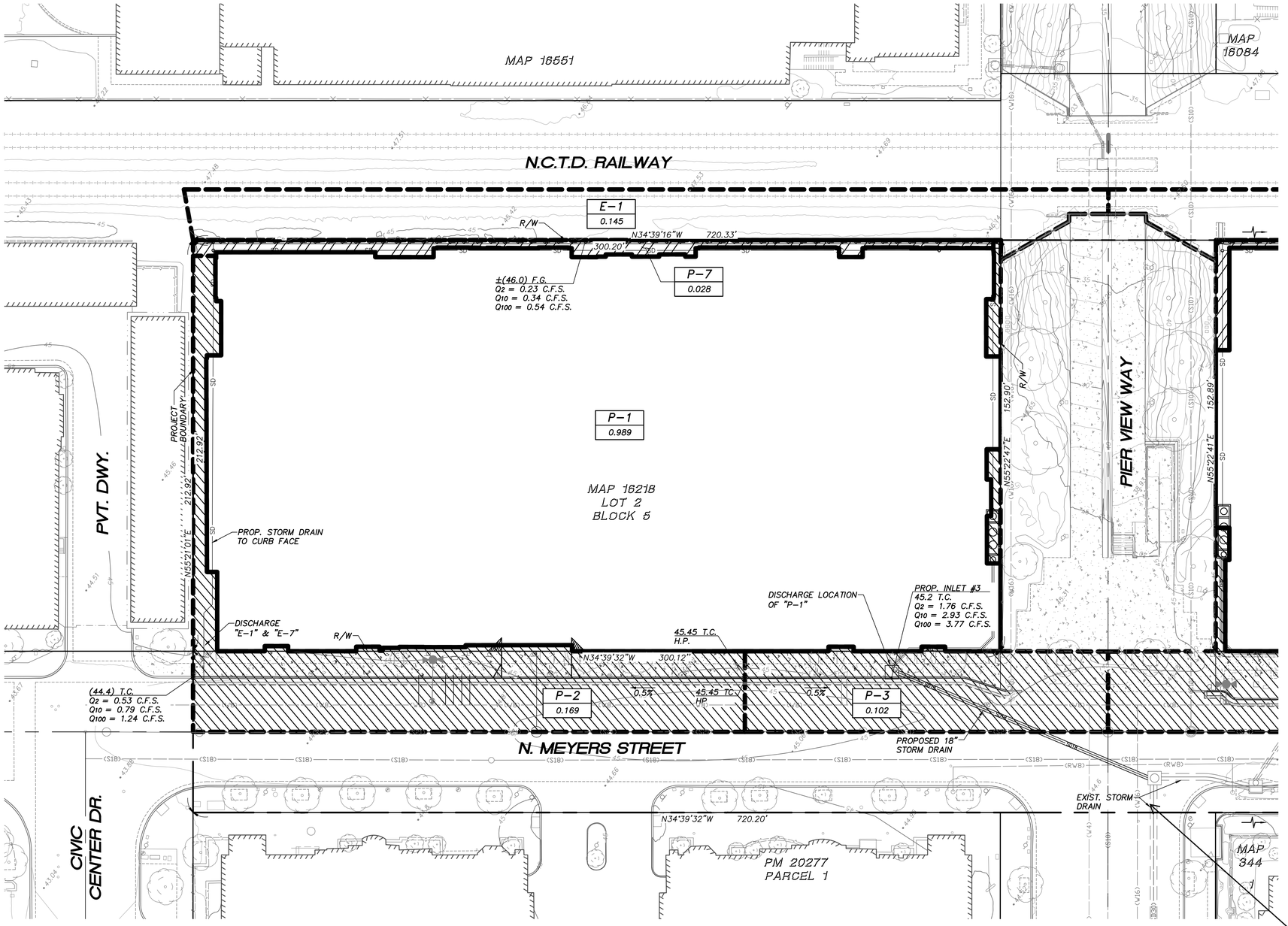
PROPOSED DRAINAGE EXHIBIT FOR:
OCEANSIDE BLOCK 5

LEGEND

DESCRIPTION

- PROPERTY LINE (E.)/PROJECT BOUNDARY
- RIGHT-OF-WAY (R/W)
- EXIST. CURB AND GUTTER
- EXIST. CONTOUR (45)
- PROPOSED BASIN LIMITS
- COMPOSITE BUILDING DRIPLINE
- DIRECTION OF DRAINAGE
- BASIN DESIGNATION — A
- AREA (AC.) — 3.00



N Meyers Street CIP System

SCALE: 1" = 20'

GRAPHIC SCALE
20' 0 20' 40' 60'

PRELIMINARY
FOR REVIEW ONLY

PROPOSED DRAINAGE EXHIBIT FOR:
OCEANSIDE BLOCK 5

REGISTERED PROFESSIONAL ENGINEER
ALLEN L. BUTCHER
No. 47107
CIVIL
STATE OF CALIFORNIA

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858-560-1141 858-560-8157
Fax

77910.25

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PROPOSED DRAINAGE EXHIBIT FOR:
OCEANSIDE BLOCK 20

LEGEND

DESCRIPTION	
PROPERTY LINE (E)/PROJECT BOUNDARY	
RIGHT-OF-WAY (R/W)	
EXIST. CURB AND GUTTER	
EXIST. CONTOUR	45
PROPOSED BASIN LIMITS	
COMPOSITE BUILDING DRIPLINE	
DIRECTION OF DRAINAGE	
BASIN DESIGNATION — AREA (AC.)	E-2 / 0.137

MAP 16084

N.C.T.D. RAILWAY

P-6
0.470

E-2
0.137

RUNON

N34°39'16"W 720.33' 290.14'

P-8
0.031

(46.5) T.C.
Q2 = 0.22 C.F.S.
Q10 = 0.32 C.F.S.
Q100 = 0.51 C.F.S.

PIER VIEW WAY

R/W

N55°22'47"E 152.90'

N55°22'41"E 152.89'

P-4
0.979

MAP 16218
LOT 2
BLOCK 20

MISSION AVE.

N55°23'13"E 152.87'

N55°23'13"E 182.86'

MAP 1686

DISCHARGE LOCATION "P-4"

EXIST. INLET #2 TO REMAIN
(44.4)± T.C.
Q2 = 2.00 C.F.S.
Q10 = 3.00 C.F.S.
Q100 = 4.72 C.F.S.

EXIST. INLET #1 TO REMAIN
(44.2)± T.C.
Q2 = 0.55 C.F.S.
Q10 = 0.83 C.F.S.
Q100 = 1.30 C.F.S.

N34°39'32"W 290.11'

P-5
0.107

44.75 T.C.
H.P.

EXIST. 18" STORM DRAIN

N. MEYERS STREET

EXIST. 18" STORM DRAIN

EXIST. STORM DRAIN

EXIST. STORM DRAIN

EXIST. STORM DRAIN

N34°39'32"W 720.20'

MAP 844
BLOCK 17

N Meyers Street CIP System

SCALE: 1" = 20'

GRAPHIC SCALE
20' 0 20' 40' 60'

PRELIMINARY
FOR REVIEW ONLY

PROPOSED DRAINAGE EXHIBIT FOR:
OCEANSIDE BLOCK 20

REGISTERED PROFESSIONAL ENGINEER
ALLEN L. BUTCHER
No. 47107
CIVIL
STATE OF CALIFORNIA

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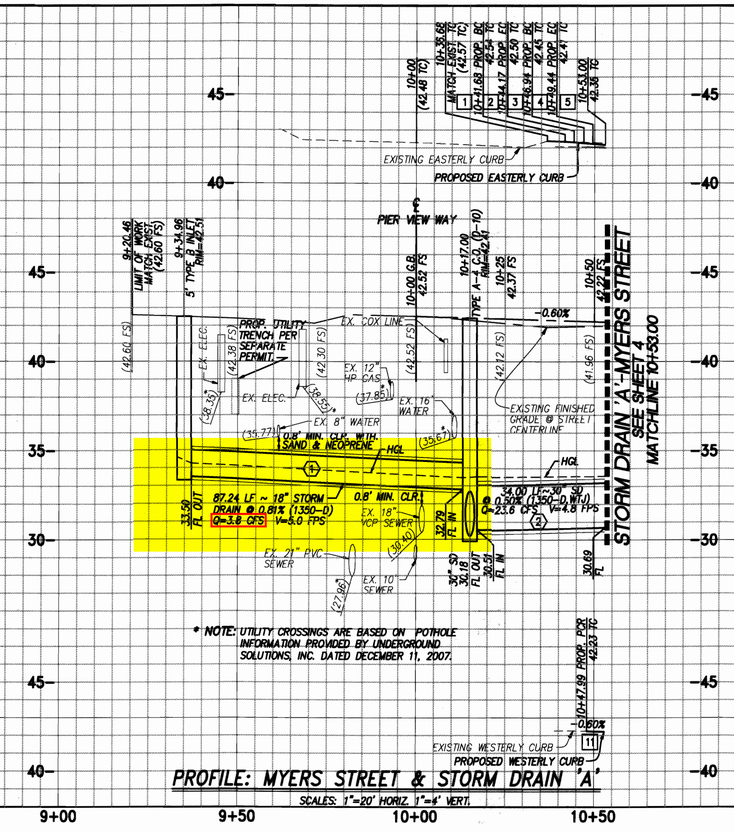
PLANNING ENGINEERING SURVEYING
3990 Ruffin Road, Suite 120
San Diego, Ca. 92123
858-560-1141 858-560-8157
Fax

77910.25

Plotted: 5/7/2024 2:07 PM D:\77912 OCEANSIDE BLOCKS 5 & 20\03 DWG\DXF\77912DX03-DX04 PROP DRAINAGE BLOCKS 5 & 20.DWG - jkohlenberg

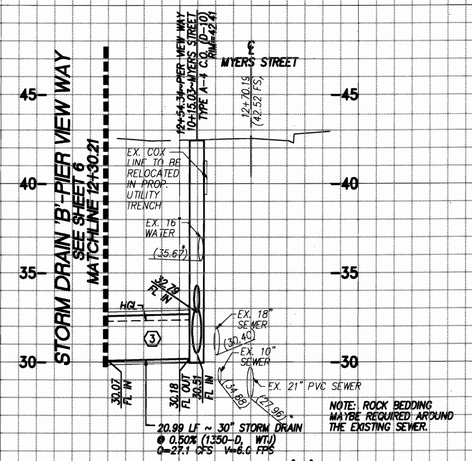
ATTACHMENT



* NOTE: UTILITY CROSSINGS ARE BASED ON "POTHOLE INFORMATION PROVIDED BY UNDERGROUND SOLUTIONS, INC. DATED DECEMBER 11, 2007.

PROFILE: MYERS STREET & STORM DRAIN 'A'

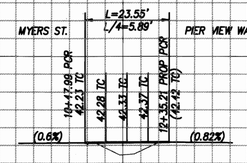
SCALES: 1"=20' HORIZ. 1"=4' VERT.



NOTE: ROCK BEDDING MAYBE REQUIRED AROUND THE EXISTING SEWER.

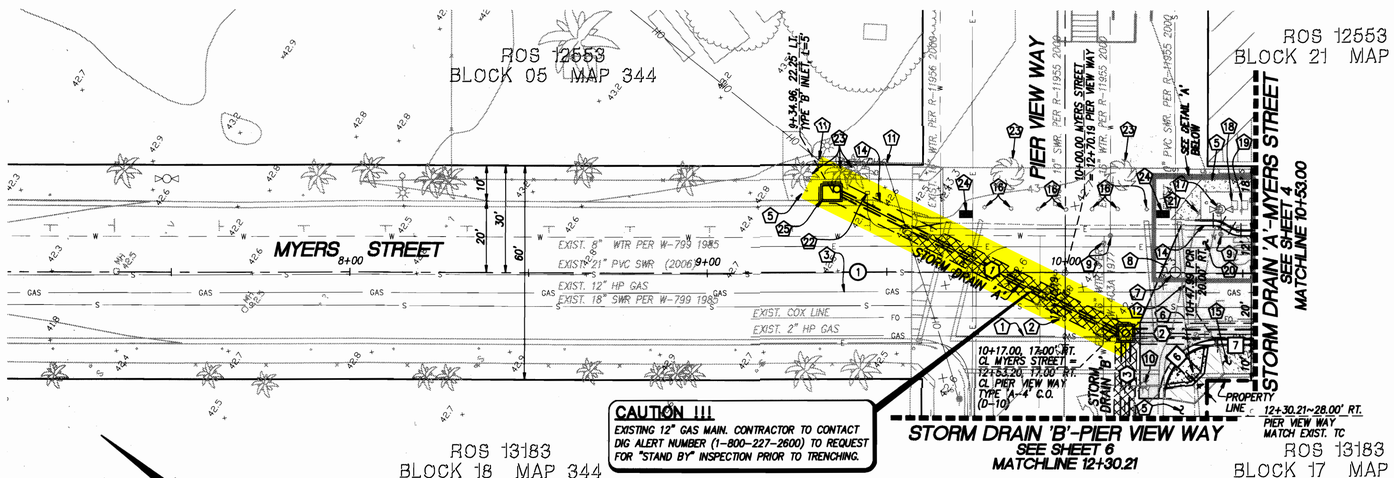
PROFILE: STORM DRAIN 'B'-PIER VIEW WAY

SCALES: 1"=20' HORIZ. 1"=4' VERT.



PROFILE: CURB RETURN 6

SCALES: 1"=20' HORIZ. 1"=4' VERT.



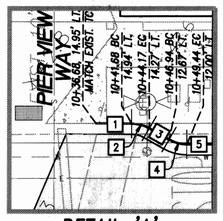
CAUTION !!!

EXISTING 12" GAS MAIN. CONTRACTOR TO CONTACT DIG ALERT NUMBER (1-800-227-2600) TO REQUEST FOR "STAND BY" INSPECTION PRIOR TO TRENCHING.

PLAN: MYERS STREET & STORM DRAIN 'A'

SCALE: 1"=20'

GRAPHICAL SCALE
SCALE: 1" = 20'



DETAIL 'A'

SCALE: 1"=10'

CENTER LINE DATA

NO.	DELTA OR BRG.	RADIUS(ft)	LENGTH(ft)	REMARKS
(1)	N34°39'26"W	------	447.13	CL MYERS STREET

CURB DATA

NO.	DELTA OR BRG.	RADIUS(ft)	LENGTH(ft)	REMARKS
1	N34°31'24"W	------	5.00	6" TYPE 'G' CB. & GUT.
2	29°51'59"	5	2.61	"
3	N04°39'26"W	------	3.20	"
4	30°00'00"	5	2.62	"
5	N34°39'26"W	------	3.56	"
6	89°58'01"	15	23.55	"
7	N34°39'26"W	------	5.01	"

STORM DRAIN DATA

NO.	DELTA OR BRG.	RADIUS(ft)	LENGTH(ft)	REMARKS
(1)	N08°06'11"W	------	87.24	18" RCP ~ 1350-D
(2)	N34°39'26"W	------	34.00	30" RCP ~ 1350-D *
(3)	N55°22'11"E	------	20.99	"

* USE WATER TIGHT JOINTS

CAUTION !!!

EXIST. UNDERGROUND UTILITIES AND FACILITIES SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SCHEMATIC IN NATURE. THE PLANS MAY NOT REFLECT ALL EXISTING UTILITIES. CONTRACTOR TO CONFIRM LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF WORK AND NOTIFY ENGINEER OF WORK OF ANY DISCREPANCIES.

CONSTRUCTION NOTES

1. EXIST. 2" HP GAS LINE TO BE RELOCATED IN PROPOSED UTILITY TRENCH PER SEPARATE PLANS.
2. EXIST. FIBER OPTIC LINE TO BE RELOCATED IN PROPOSED UTILITY TRENCH PER SEPARATE PLANS.
3. EXIST. 12" HP GAS LINE TO REMAIN. PROTECT IN PLACE.
4. NOT USED.
5. EXIST. SIDEWALK TO REMAIN.
6. PEDESTRIAN RAMP PER G-27, MODIFIED: "LANDING" AND HORIZONTAL "TRANSITION AREA" AT SIDEWALK LEVEL OUTSIDE OF SCORED "BORDER" TO BE CONSTRUCTED WITH 3" AC ON COMPACTED NATIVE BASE.
7. ADJUST TO GRADE EXIST. SEWER MANHOLE IF NEEDED.
8. MYERS STREET TO BE CONSTRUCTED WITH 5" AC ATOP 7" OF CLASS II A.B.
9. ADJUST TO GRADE EXIST. GATE VALVE IF NEEDED.
10. RELOCATE EXISTING STREET LIGHT TO BACK OF NEW CURB BY OTHERS.
11. EXIST. POWER POLE TO REMAIN. PROTECT IN PLACE.
12. PROVIDE A CAPPED JOINT PER CITY STANDARDS WHERE ALL NEW PAVING JOINS EXISTING PAVING. (OCEANSIDE ENGINEERS MANUAL 3.19.A)
14. EXISTING SIDEWALK UNDERDRAINS PER RSD D-27 TO REMAIN.
15. EXIST. SIDEWALK TO BE REMOVED AND REPLACE WITH 3" AC SIDEWALK ON COMPACTED NATIVE BASE.
16. EXIST. BOLLARD TO REMAIN.
17. EXIST. FIRE HYDRANT TO REMAIN. PROTECT IN PLACE.
18. EXIST. SIGNAL CABINET TO REMAIN.
19. EXIST. TRANSFORMER TO REMAIN.
20. EXIST. CROSS GUTTER TO BE REMOVED.
21. EXIST. STOP SIGN TO REMAIN.
22. EXIST. WATER METER TO REMAIN. PROTECT IN PLACE.
23. EXIST. TREE TO REMAIN.
24. PROPOSED TRUNCATED DOMES PER SDRSD SDG-130.
25. CONTRACTOR TO REMOVE AND REPLACE EXIST. CURB AND GUTTER AS NEEDED TO CONSTRUCT PROPOSED STORM DRAIN SYSTEM.

CONSTRUCTION CHANGES:

NO.	DESCRIPTION	APPV'D	DATE

BENCHMARK:

Description: CITY OF OCEANSIDE BENCHMARK # F-61A

Location: 2" BRASS CAP STAMPED "COS BM F-61A RESET"

Record From:

Elev. 11.789' Datum: M.S.L.

REGISTERED PROFESSIONAL ENGINEER — LISA M. LEWECK — No. 54320 Exp. 12-31-11 — CIVIL — STATE OF CALIFORNIA

CIP00024 E-5-08

SHEET	CITY OF OCEANSIDE ENGINEERING DEPARTMENT	10 SHEETS
3		

PUBLIC STORM DRAIN AND MYERS STREET IMPROVEMENT PLANS

MYERS STREET & STORM DRAIN 'A'

STA. 9+22.46 TO STA. 10+53.00

APPROVED SCOTT O'BRIAN SMITH R.C.E. 58655 7-22-10 CITY ENGINEER

ENGINEER OF WORK LISA M. LEWECK R.C.E. 54320

Checked By: Approved Date: 7/21/10

PLAN NUMBER CIP00024

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.236.6471 Tel
619.234.0349 Fax

DESIGNED BY:	PM REVIEW:	DRAINAGE REVIEW:	SURVEY REVIEW:
VA	MK	SSR	

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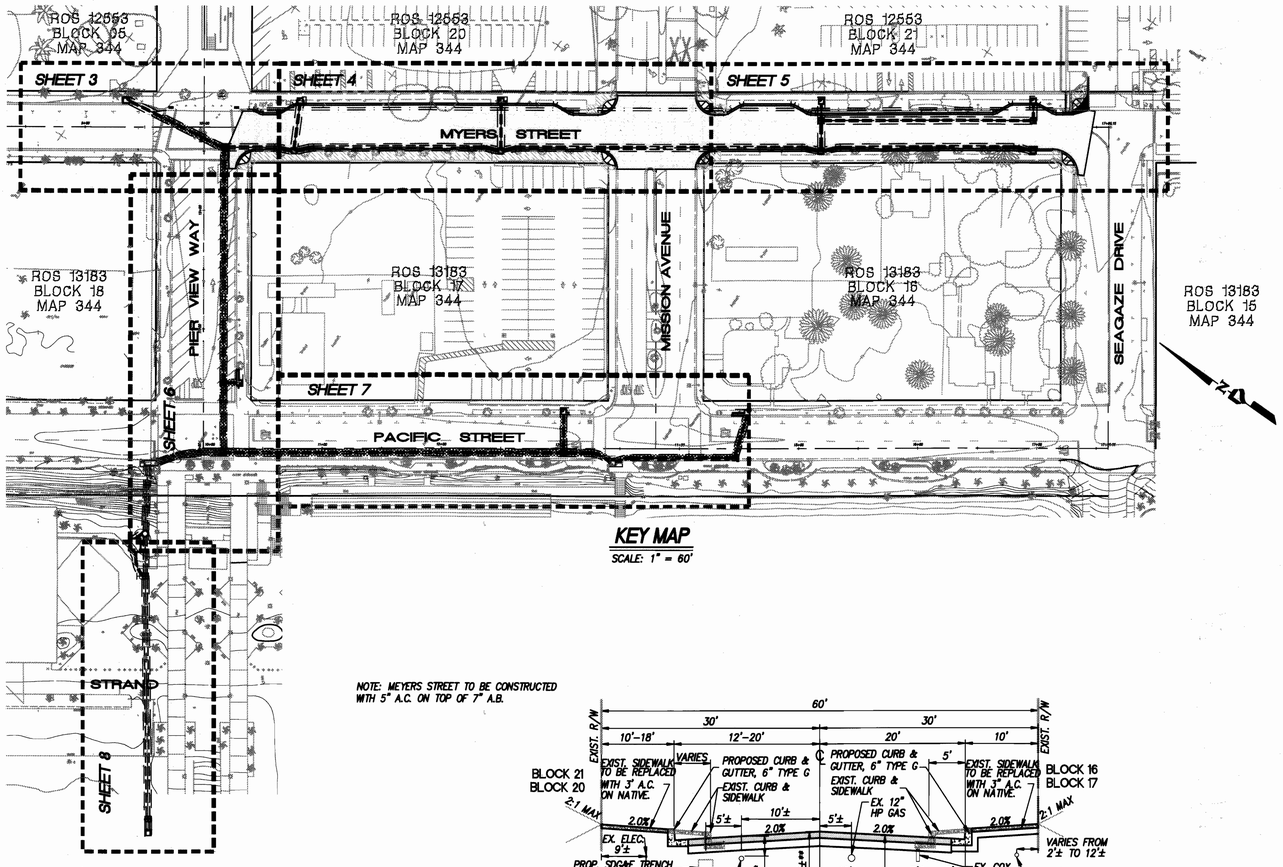
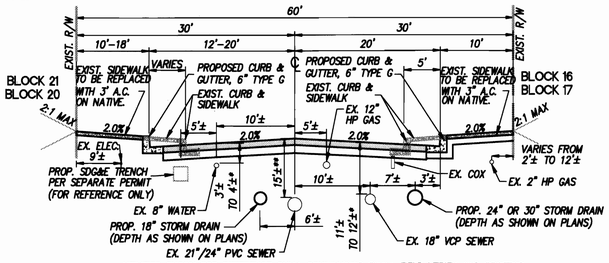


KEY MAP

SCALE: 1" = 60'

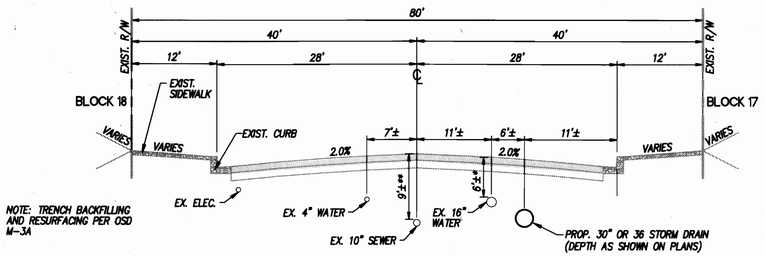
NOTE: MEYERS STREET TO BE CONSTRUCTED WITH 5" A.C. ON TOP OF 7" A.B.



UTILITIES SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY AND PROTECT.
* DEPTH OF EXISTING UTILITY PER POTHOLE REPORT BY UNDERGROUND SOLUTIONS DATED NOVEMBER 22, 2006
** DEPTH OF EXISTING UTILITY PER FIELD SURVEYS BY PROJECT DESIGN CONSULTANTS DATED NOVEMBER 30, 2006

TYP. STREET SECTION: MYERS STREET

NO SCALE

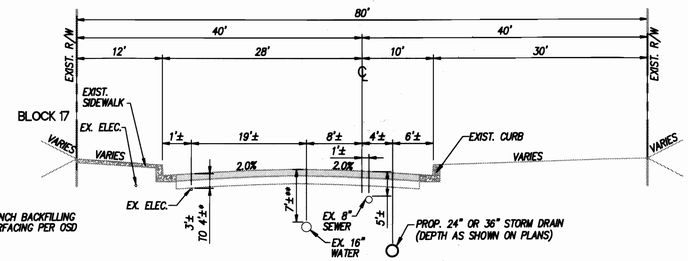


NOTE: TRENCH BACKFILLING AND RESURFACING PER OSD M-3A

UTILITIES SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY AND PROTECT.
* DEPTH OF EXISTING UTILITY PER POTHOLE REPORT BY UNDERGROUND SOLUTIONS DATED NOVEMBER 22, 2006
** DEPTH OF EXISTING UTILITY PER FIELD SURVEYS BY PROJECT DESIGN CONSULTANTS DATED NOVEMBER 30, 2006

TYP. STREET SECTION: PIER VIEW WAY

NO SCALE



NOTE: TRENCH BACKFILLING AND RESURFACING PER OSD M-3A

UTILITIES SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY AND PROTECT.
* DEPTH OF EXISTING UTILITY PER POTHOLE REPORT BY UNDERGROUND SOLUTIONS DATED NOVEMBER 22, 2006
** DEPTH OF EXISTING UTILITY PER FIELD SURVEYS BY PROJECT DESIGN CONSULTANTS DATED NOVEMBER 30, 2006

TYP. STREET SECTION: PACIFIC STREET

NO SCALE

SEWER SYSTEM NOTES

1. THE CONTRACTOR SHALL NOTIFY THE UNDERGROUND SERVICE ALERT 48 HOURS PRIOR TO STARTING EXCAVATION SO THAT EXISTING SEWER FACILITIES MAY BE MARKED IN THE FIELD. (UNDERGROUND SERVICE ALERT: 1-800-227-2600).
2. LOCATION AND ELEVATION OF EXISTING SEWER FACILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS AND EXCAVATION EXPLORATION BY THE CONTRACTOR, IN THE PRESENCE OF A CITY INSPECTOR AFTER A TWO (2) WORKING DAY NOTICE.
3. THE EXISTENCE AND LOCATION OF SEWER FACILITIES SHOWN ON THESE PLANS WERE OBTAINED FROM AVAILABLE CITY RECORDS. TO THE BEST OF OUR KNOWLEDGE, THE EXISTING SEWER FACILITIES ARE AS SHOWN ON THE PLANS. THE CITY OF OCEANSIDE SHALL NOT BE HELD RESPONSIBLE FOR ANY ERROR IN THE LOCATION AND ELEVATION OF THE EXISTING SEWER FACILITIES.
4. THE CITY INSPECTOR SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK ON THE SEWERS. TO ARRANGE FOR INSPECTION CALL THE WATER UTILITIES DEPARTMENT AT (760) 435-5800.
5. EXISTING SEWER MAINS WILL NOT BE USED FOR DISCHARGE OF STORM WATERS, DRAINAGE, OR OTHER SIMILAR USES PER CITY OF OCEANSIDE CODE, SECTION 2945.1 (0).
6. DURING ANY ACTIVITY OR WORK AROUND, OR IN, AN EXISTING SEWER LINE, THE CONTRACTOR AT THEIR EXPENSE, WILL PROTECT THE SYSTEM BY INSTALLING "TRAPS" IN THE OUTLET SIDE OF THE CLOSEST MANHOLE. THE "TRAPS" AND THEIR LOCATION SHALL BE SUBMITTED TO THE WATER UTILITIES DIRECTOR FOR APPROVAL. THE "TRAPS" WILL REMAIN IN PLACE UNTIL ALL REQUIREMENTS (TESTING, CLEANING, VIDEOTAPING, ETC.), HAVE BEEN COMPLETED AND APPROVED.

SDG&E NOTES

YOU ARE DIGGING IN THE VICINITY OF AN UNDERGROUND HIGH PRESSURE GAS TRANSMISSION PIPELINE. SDG&E'S STANDBY PERSONNEL ARE AUTHORIZED TO STOP EXCAVATION IF THESE PRECAUTIONS ARE NOT STRICTLY ADHERED TO.

1. SDG&E STANDBY PERSONNEL IS REQUIRED WHEN DIGGING WITHIN THE GAS EASEMENT OR WITHIN 10 FEET OF THE GAS LINE WHEN IN FRANCHISE POSITION. UNDERGROUND SERVICE ALERT AT 1-800-277-2600 MUST BE CALLED 48 HOURS BEFORE BEGINNING ANY EXCAVATION.
2. WORK SHALL CONFORM TO THE CONDITIONS SET FORTH IN SDG&E'S PERMISSION TO GRADE LETTER.
3. THE EXCAVATOR SHALL CAREFULLY HAND DIG IF WITHIN 2 FEET OF THE GAS LINE. NO POWER-OPERATED EQUIPMENT SHALL BE ALLOWED WITHIN 2 FEET OF ANY PORTION OF THE GAS LINE.
4. IF CONTACT IS MADE WITH THE GAS LINE OR ITS COATING, SDG&E MUST BE NOTIFIED IMMEDIATELY AT 1-800-411-7343.
5. THE GAS EASEMENT SHALL BE STAKED WITH RIBBONED LATH AT 50 FOOT INCREMENTS AND THE STAKING SHALL BE MAINTAINED AT ALL TIMES DURING GRADING AND CONSTRUCTION OF THE PROJECT.

SPECIAL NOTES

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF WORK. THE CITY'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE CITY WILL NOT BE RESPONSIBLE FOR THEIR ENFORCEMENT.

1. NEITHER THE OWNER NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
2. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
3. A RAILROAD RIGHT-OF-WAY AND RIGHT-OF-ENTRY PERMIT SHALL BE OBTAINED PRIOR TO ANY WORK IN THE NCTD RIGHT-OF-WAY.
4. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
5. THE PROPOSED STORM DRAIN LINE CROSSES AN EXISTING CRIB WALL AT STATION 12+70. THE CRIB WALL WILL REQUIRE DISASSEMBLY AS A PART OF THE STORM DRAIN INSTALLATION.

WATER SYSTEM NOTES

1. IF POTABLE WATER FACILITIES ARE COMPROMISED AND CONTAMINATED DURING CONSTRUCTION, PRESSURE TEST, DISINFECT, SAMPLE TEST(S), AND FLUSH THE WATER SYSTEM ARE REQUIRED IN ACCORDANCE WITH THE GUIDELINE TITLED, "CONSTRUCTION GUIDELINES AND REQUIREMENTS", INCLUDED AS SECTION F OF THE CITY OF OCEANSIDE'S WATER, SEWER, AND RECLAIMED WATER DESIGN & CONSTRUCTION MANUAL'S.
2. NO DISRUPTION TO THE EXISTING WATER DISTRIBUTION MAINS WILL BE ALLOWED ON MONDAYS OR FRIDAYS. ALL SHUTDOWNS FOR SYSTEM TIE-INS WILL BE SCHEDULED BETWEEN TUESDAY, WEDNESDAY AND THURSDAY, AND WILL BE CONFINED TO NORMAL WORKING HOURS. REFER TO THE GUIDELINE TITLED, "ADMINISTRATIVE PROCEDURES, FOR WATER LINE SHUTDOWNS" IN THE CONSTRUCTION GUIDELINES AND REQUIREMENTS APPENDIX OF THE CITY OF OCEANSIDE'S WATER, SEWER, AND RECLAIMED WATER DESIGN & CONSTRUCTION MANUAL.
3. NO CONNECTIONS FOR THE PURPOSE OF OBTAINING WATER SUPPLY DURING CONSTRUCTION SHALL BE MADE TO ANY FIRE HYDRANT OR BLOW-OFF STRUCTURE WITHOUT FIRST OBTAINING A CONSTRUCTION WATER PERMIT FROM THE CITY OF OCEANSIDE WATER UTILITIES DEPARTMENT. A REDUCED PRESSURE PRINCIPLE ASSEMBLY (RP ASSEMBLY) SHALL PROTECT THE METER.
4. ALL WATER USED ON A CONSTRUCTION PROJECT SHALL BE METERED. THE COST OF THE WATER WILL BE CHARGED TO THE CONTRACTOR. THIS INCLUDES WATER FOR LOADING OF NEW WATERLINES, FLUSHING OF LINES, PRESSURE TESTING, ETC. CITATIONS WILL BE ISSUED TO PARTIES TAKING WATER FROM NON-METERED FACILITIES.
5. THE CONTRACTOR SHALL NOTIFY THE UNDERGROUND SERVICE ALERT TWO (2) WORKING DAYS PRIOR TO STARTING EXCAVATION SO THAT EXISTING WATER FACILITIES SHALL BE MARKED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. (UNDERGROUND SERVICE ALERT: 1-800-227-2600).
6. LOCATION AND ELEVATION OF EXISTING WATER FACILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS AND EXCAVATION EXPLORATION (POTHOLING) BY THE CONTRACTOR, AFTER USA MARK-OUT HAS BEEN COMPLETED AND THE WATER UTILITIES DEPARTMENT HAS BEEN GIVEN A TWO (2) WORKING-DAY NOTICE.
7. THE EXISTENCE AND LOCATION OF EXISTING WATER FACILITIES AS SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE CITY RECORDS. TO THE BEST OF OUR KNOWLEDGE, THE EXISTING WATER FACILITIES ARE AS SHOWN ON THE PLANS. THE CITY OF OCEANSIDE SHALL NOT BE HELD RESPONSIBLE FOR ANY ERROR IN THE LOCATION AND ELEVATION OF THE EXISTING WATER FACILITIES.

REGISTERED PROFESSIONAL ENGINEER
LISA M. LEWECK
No. 54320
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

CIP00024 E-5-08

SHEET	CITY OF OCEANSIDE ENGINEERING DEPARTMENT	SHEETS
2		10

PUBLIC STORM DRAIN AND MYERS STREET IMPROVEMENT PLANS

NOTES, SECTIONS AND KEY MAP

APPROVED 7-22-10
SCOTT O'BRIAN SMITH R.C.E. 58655 CITY ENGINEER

ENGINEER OF WORK
LISA M. LEWECK R.C.E. 54320

Checked By: SJ
Approval Date: 7/21/10

PLAN NUMBER CIP00024

PROJECT DESIGN CONSULTANTS
Planning | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

DESIGNED BY:	PM REVIEW:	DRAINAGE REVIEW:	SURVEY REVIEW:
VA			

CONSTRUCTION CHANGES:

NO.	DESCRIPTION	APPV'D	DATE

BENCHMARK: F-61-A
Description: 2" BRASS CAP STAMPED "COS BM F -61A RESET"
Location: TOP OF WESTERLY CURB ON THE STRAND, LOCATED AT THE INTERSECTION OF THE WESTERLY PROJECTION OF THE CENTERLINE OF 1ST ST.
Record From:
Elev.: 11.789' Datum: M.S.L.

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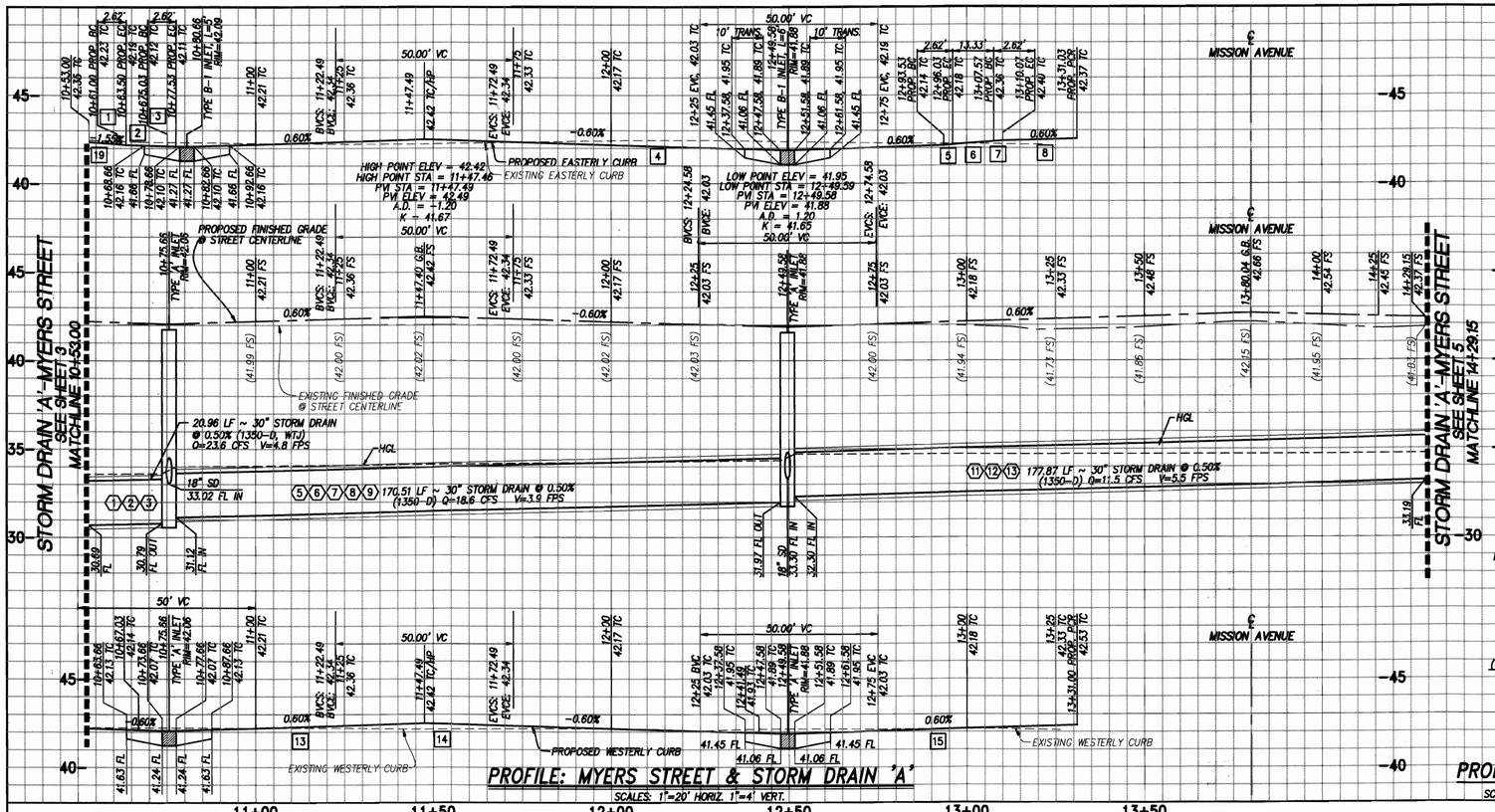

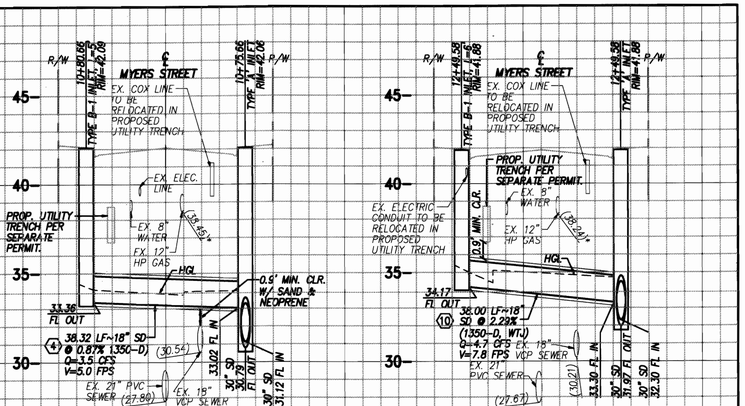

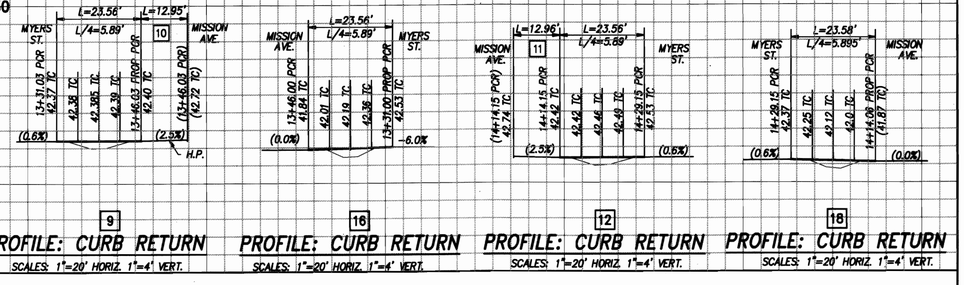

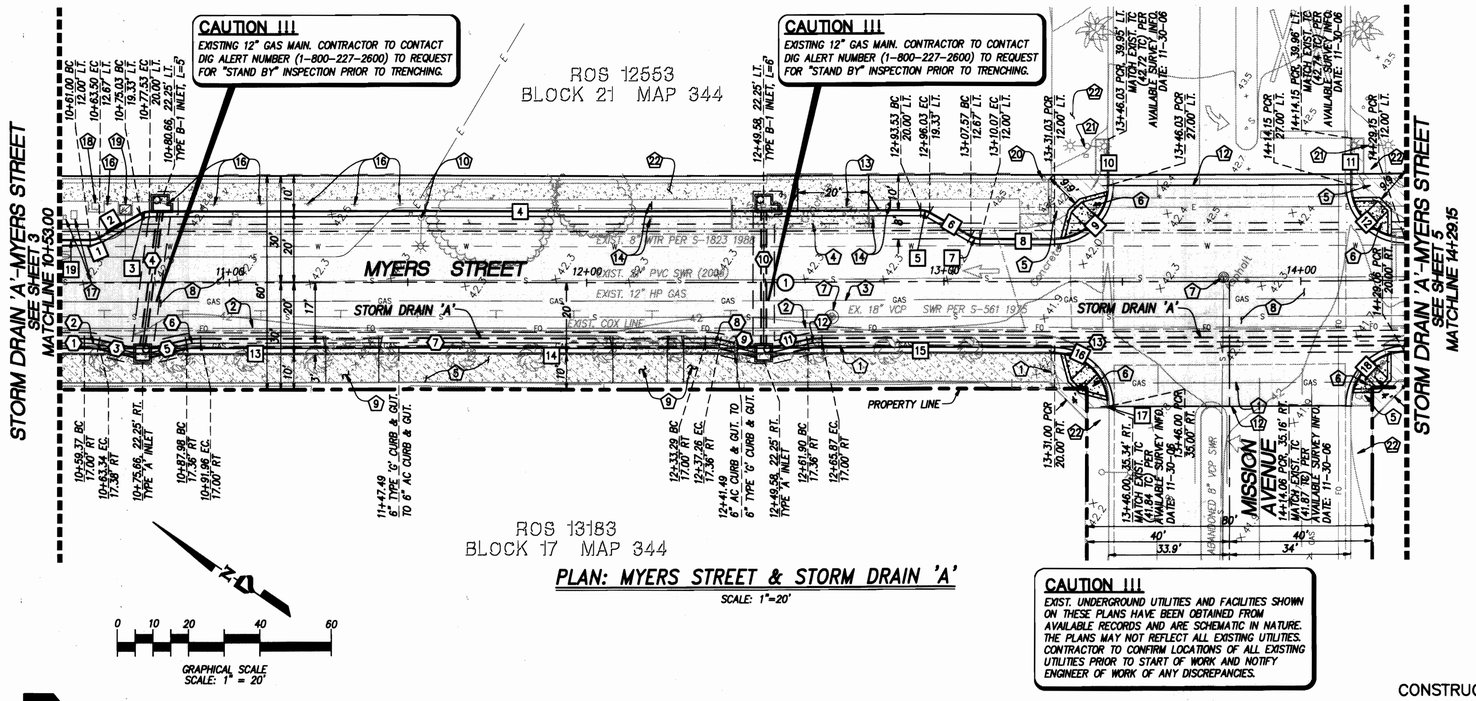

CAUTION !!!

EXIST. UNDERGROUND UTILITIES AND FACILITIES SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SCHEMATIC IN NATURE. THE PLANS MAY NOT REFLECT ALL EXISTING UTILITIES. CONTRACTOR TO CONFIRM LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF WORK AND NOTIFY ENGINEER OF WORK OF ANY DISCREPANCIES.

CENTER LINE DATA

NO.	DELTA OR BRG.	RADIUS(ft)	LENGTH(ft)	REMARKS
(1)	N34°39'33"W	-------	376.15	CL MYERS STREET

CURB DATA

NO.	DELTA OR BRG.	RADIUS(ft)	LENGTH(ft)	REMARKS
1	30°00'58"	5	2.62	6" TYPE "G" CB. & GUT.
2	N64°40'24"W	-------	13.31	"
3	30°00'58"	5	2.62	"
4	N34°39'26"W	-------	216.00	"
5	29°59'02"	5	2.62	"
6	N04°40'24"W	-------	13.33	"
7	29°59'02"	5	2.62	"
8	N34°39'26"W	-------	20.96	"
9	90°00'00"	15	23.56	"
10	N55°20'34"E	-------	12.95	"
11	N55°19'36"E	-------	12.96	"
12	90°00'00"	15	23.56	"
13	N34°39'26"W	-------	94.49	"
14	N34°39'26"W	-------	94.00	6" A.C. CB. & GUT.
15	N34°39'26"W	-------	89.51	6" TYPE "G" CB. & GUT.
16	90°00'00"	15	23.56	"
17	N55°20'34"E	-------	0.34	"
18	90°03'56"	15	23.58	"
19	N34°39'26"W	-------	8.00	"

STORM DRAIN DATA

NO.	DELTA OR BRG.	RADIUS(ft)	LENGTH(ft)	REMARKS
(1)	N34°39'26"W	-------	6.37	30" RCP ~ 1350-D **
(2)	10°25'03"	22.00	4.00	30" RCP ~ 1350-D */**
(3)	N21°43'45"W	-------	10.59	30" RCP ~ 1350-D **
(4)	N62°50'19"E	-------	38.32	18" RCP ~ 1350-D
(5)	N47°41'07"W	-------	10.59	30" RCP ~ 1350-D **
(6)	10°25'02"	22.00	4.00	30" RCP ~ 1350-D */**
(7)	N34°39'26"W	-------	141.33	30" RCP ~ 1350-D **
(8)	10°25'03"	22.00	4.00	30" RCP ~ 1350-D */**
(9)	N21°37'30"W	-------	10.59	30" RCP ~ 1350-D **
(10)	N55°20'34"E	-------	38.00	18" RCP ~ 1350-D **
(11)	N47°41'07"W	-------	10.59	30" RCP ~ 1350-D
(12)	10°25'02"	22.00	4.00	30" RCP ~ 1350-D*
(13)	N34°39'26"W	-------	163.28	30" RCP ~ 1350-D

* 4' PIPE LENGTH AND 5' BEVELS ON BOTH ENDS.
** USE WATER TIGHT JOINTS

CONSTRUCTION NOTES

1. EXIST. 2" HP GAS LINE TO BE RELOCATED IN PROPOSED UTILITY TRENCH PER SEPARATE PLANS.
2. EXIST. FIBER OPTIC LINE TO BE RELOCATED IN PROPOSED UTILITY TRENCH PER SEPARATE PLANS.
3. EXIST. 12" HP GAS LINE TO REMAIN. PROTECT IN PLACE.
4. PROPOSED UTILITY TRENCH PER SEPARATE PERMIT.
5. EXIST. SIDEWALK TO BE REMOVED AND REPLACED WITH 3" A.C. SIDEWALK ON COMPACTED NATIVE BASE.
6. PEDESTRIAN RAMP PER G-27, MODIFIED: "LANDING" AND HORIZONTAL "TRANSITION AREA" AT SIDEWALK LEVEL OUTSIDE OF PCC SCORED "BORDER" TO BE CONSTRUCTED WITH 3" AC ON COMPACTED NATIVE BASE.
7. ADJUST TO GRADE EXIST. SEWER MANHOLE IF NEEDED.
8. MYERS STREET TO BE CONSTRUCTED WITH 5" AC ATOP 7" OF CLASS II A.B.
9. SAWCUT AND REMOVE EXISTING DRIVEWAY. REPLACE DRIVEWAY WITH TEMPORARY ASPHALT DRIVEWAY PER COUNTY OF SAN DIEGO STANDARD DWG DS-07.
10. RELOCATE EXISTING STREET LIGHT TO BACK OF NEW CURB BY OTHERS.
11. PROVIDE A CAPPED JOINT PER CITY STANDARDS WHERE ALL NEW PAVING JOINS EXISTING PAVING. (OCEANSIDE ENGINEERS MANUAL 3.19.A)
12. SAWCUT AND REMOVE EXISTING DRIVEWAY. REPLACE DRIVEWAY WITH A 20' TEMPORARY ASPHALT DRIVEWAY, PER SAN DIEGO COUNTY STANDARD DWG DS-07.
13. RELOCATE SIGN TO BACK OF NEW CURB.
14. EXIST. NO PARKING SIGNS TO BE REMOVED.
15. EXIST. SIGNS TO REMAIN.
16. EXIST. PULLBOX TO REMAIN.
17. EXIST. SIGNAL CONTROLLER CABINET TO REMAIN.
18. EXIST. TRANSFORMER TO REMAIN.
19. EXIST. PULLBOX TO REMAIN. ADJUST TO GRADE IF NEEDED.
20. EXIST. STREET LIGHT PULLBOX TO REMAIN.
21. EXIST. SIDEWALK TO REMAIN.

REGISTERED PROFESSIONAL ENGINEER
LISA M. LEWECK
No. 54320
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

CONSTRUCTION CHANGES:

NO.	DESCRIPTION	APP'D	DATE

BENCHMARK:
Description: CITY OF OCEANSIDE BENCHMARK # F-61A
Location: 2" BRASS CAP STAMPED "COS BM F-61A RESET"
Record From:
Elev. 11.789' Datum: M.S.L.

CIP00024 E-5-08

SHEET	CITY OF OCEANSIDE ENGINEERING DEPARTMENT	10 SHEETS
4		

PUBLIC STORM DRAIN AND MYERS STREET IMPROVEMENT PLANS
MYERS STREET & STORM DRAIN 'A'
STA. 10+53.00 TO STA. 14+29.15

APPROVED 7-22-10
SCOTT O'BRIAN SMITH R.C.E. 58855 CITY ENGINEER

ENGINEER OF WORK
LISA M. LEWECK R.C.E. 54320

Checked By:
Approved Date: 7/21/10

PLAN NUMBER CIP00024

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

DESIGNED BY:	PM REVIEW:	DRAINAGE REVIEW:	SURVEY REVIEW:
VA	MW	[illegible]	

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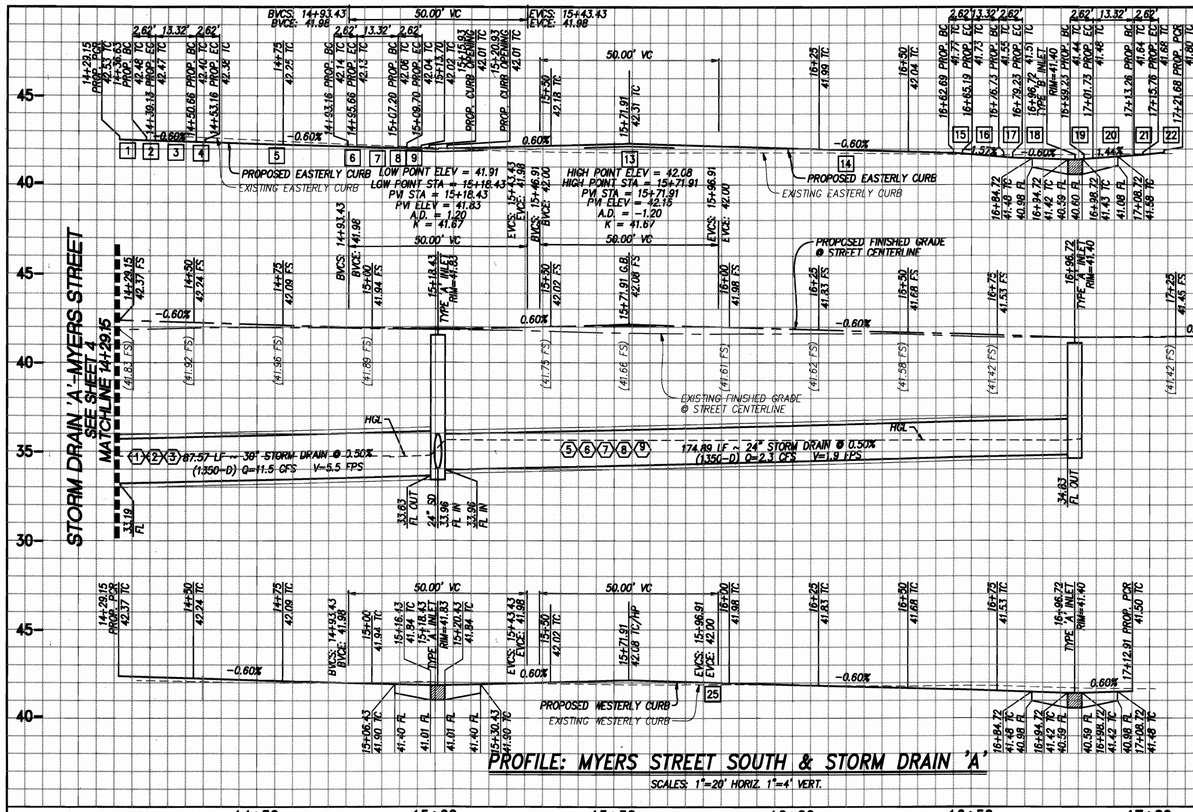

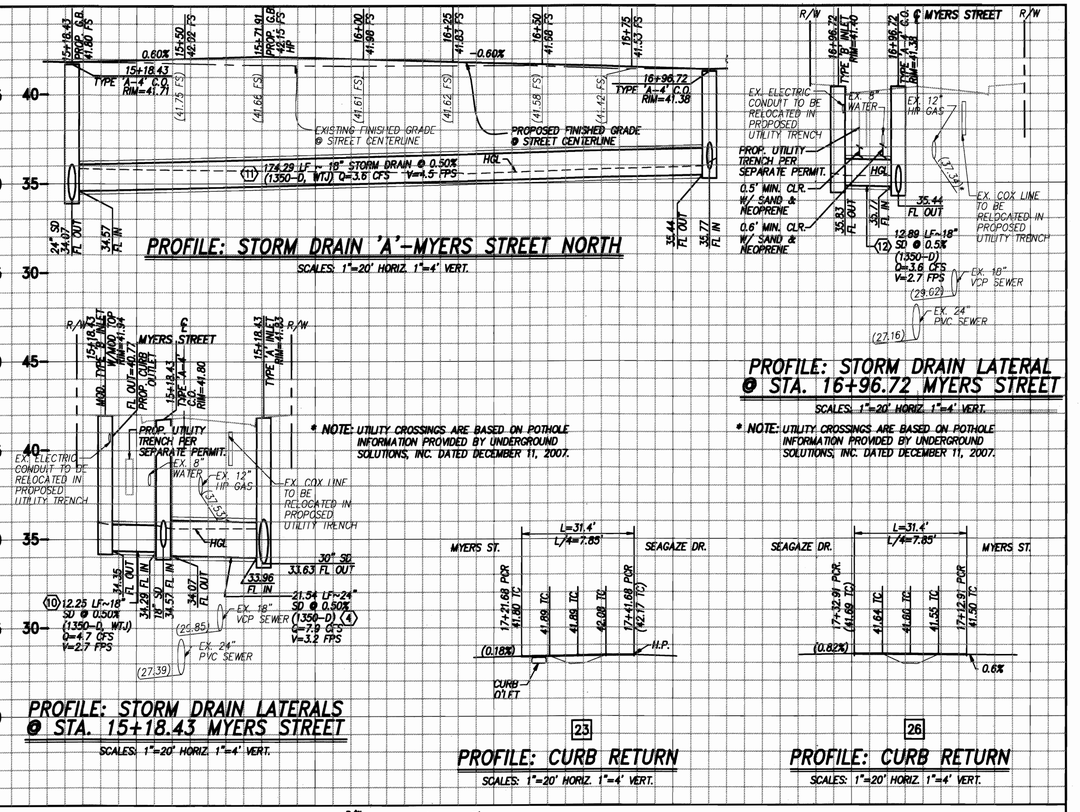

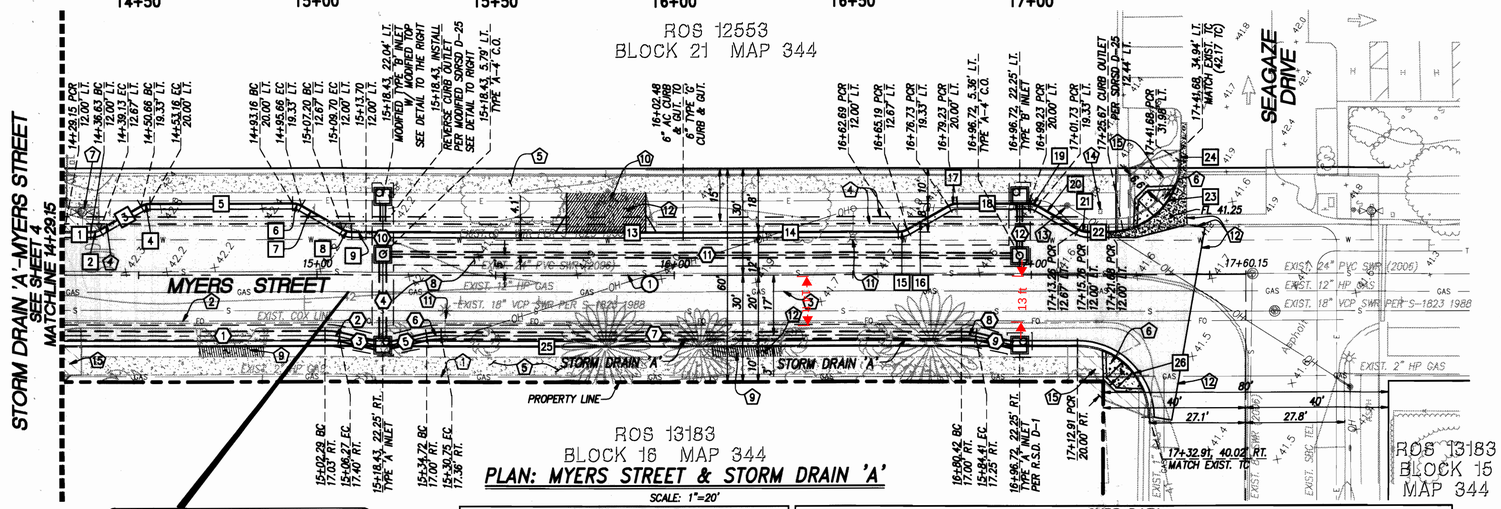

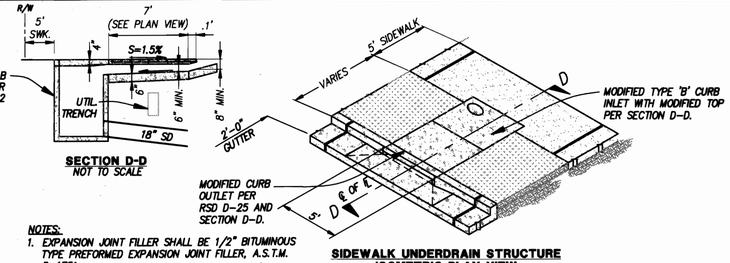

NOTES:
1. EXPANSION JOINT FILLER SHALL BE 1/2" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER, A.S.T.M. D-1751.
2. UNLESS OTHERWISE NOTED, CONCRETE SHALL BE 560-C-3250

CONSTRUCTION NOTES

1. EXIST. 2" HP GAS LINE TO BE RELOCATED IN PROPOSED UTILITY TRENCH PER SEPARATE PLANS
2. EXIST. FIBER OPTIC LINE TO BE RELOCATED IN PROPOSED UTILITY TRENCH PER SEPARATE PLANS.
3. EXIST. 12" HP GAS LINE TO REMAIN. PROTECT IN PLACE.
4. PROPOSED UTILITY TRENCH PER SEPARATE PERMIT.
5. EXIST. SIDEWALK TO REMAIN.
6. PEDESTRIAN RAMP PER G-27, MODIFIED: "LANDING" AND HORIZONTAL "TRANSITION AREA" AT SIDEWALK LEVEL OUTSIDE OF PCC SCORED "BORDER" TO BE CONSTRUCTED WITH 3" AC ON COMPACTED NATIVE BASE.
7. EXIST. FIRE HYDRANT TO REMAIN. PROTECT IN PLACE.
8. MYERS STREET TO BE CONSTRUCTED WITH 5" AC ATOP 7" OF CLASS II A.B..
9. EXISTING DRIVEWAY TO BE REMOVED.
10. SAWCUT AND REMOVE EXISTING DRIVEWAY. REPLACE DRIVEWAY WITH TEMPORARY ASPHALT DRIVEWAY PER COUNTY OF SAN DIEGO STANDARD DWG DS-07.
11. RELOCATE EXISTING STREET LIGHT TO BACK OF NEW CURB BY OTHERS.
12. PROVIDE A CAPPED JOINT PER CITY STANDARDS WHERE ALL NEW PAVING JOINS EXISTING PAVING. (OCEANSIDE ENGINEERS MANUAL 3.19.A)
13. EXISTING POWER POLE TO REMAIN.
14. EXISTING PULLBOX TO REMAIN.
15. EXIST. SIDEWALK TO BE REMOVED. CONSTRUCT 3" AC ON COMPACTED NATIVE BASE.

CAUTION !!!
EXISTING 12" GAS MAIN. CONTRACTOR TO CONTACT DIG ALERT NUMBER (1-800-227-2600) TO REQUEST FOR "STAND BY" INSPECTION PRIOR TO TRENCHING.

CAUTION !!!
EXIST. UNDERGROUND UTILITIES AND FACILITIES SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SCHEMATIC IN NATURE. THE PLANS MAY NOT REFLECT ALL EXISTING UTILITIES. CONTRACTOR TO CONFIRM LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF WORK AND NOTIFY ENGINEER OF WORK OF ANY DISCREPANCIES.

GRAPHICAL SCALE
SCALE: 1" = 20'

CENTER LINE DATA

NO.	DELTA OR BRG.	RADIUS(R)	LENGTH(R)	REMARKS
①	N34°40'24"W	------	334.10	CL MYERS STREET

STORM DRAIN DATA

NO.	DELTA OR BRG.	RADIUS(R)	LENGTH(R)	REMARKS
①	N34°39'26"W	------	73.14	30" RCP ~ 1350-D
②	10°25'03"	22.00	4.00	30" RCP ~ 1350-D *
③	N21°38'42"W	------	10.43	30" RCP ~ 1350-D
④	N55°19'36"E	------	21.54	24" RCP ~ 1350-D
⑤	N47°42'15"W	------	10.59	24" RCP ~ 1350-D
⑥	10°25'03"	22.00	4.00	24" RCP ~ 1350-D *
⑦	N34°40'24"W	------	145.70	24" RCP ~ 1350-D
⑧	10°25'02"	22.00	4.00	24" RCP ~ 1350-D *
⑨	N21°03'32"W	------	10.60	24" RCP ~ 1350-D
⑩	N55°19'36"E	------	12.25	18" RCP ~ 1350-D **
⑪	N34°32'02"W	------	174.29	"
⑫	N55°27'58"E	------	12.89	18" RCP ~ 1350-D

* 4' PIPE LENGTH AND 5' BEVELS ON BOTH ENDS.
** USE WATER TIGHT JOINTS

CURB DATA

NO.	DELTA OR BRG.	RADIUS(R)	LENGTH(R)	REMARKS
1	N34°40'24"W	------	7.48	6" TYPE 'G' CB. & GUT.
2	30°00'00"	5	2.62	"
3	N64°40'24"W	------	13.32	"
4	30°00'00"	5	2.62	"
5	N34°40'24"W	------	40.00	"
6	30°00'00"	5	2.62	"
7	N04°40'24"W	------	13.32	"
8	30°00'00"	5	2.62	"
9	N34°40'24"W	------	4.00	"
13	N34°40'24"W	------	88.73	6" A.C. CB. & GUT.
14	N34°40'24"W	------	60.21	6" TYPE 'G' CB. & GUT.
15	30°00'00"	5	2.62	"
16	N64°40'24"W	------	13.32	"
17	30°00'00"	5	2.62	"
18	N34°40'24"W	------	20.00	"
19	30°00'00"	5	2.62	"
20	N34°40'24"W	------	13.32	"
21	30°00'00"	5	2.62	"
22	N34°40'24"W	------	5.92	"
23	89°56'51"	20	31.40	"
24	N55°22'45"E	------	2.96	"
25	N34°40'24"W	------	283.76	"
26	90°03'09"	20	31.43	"

CONSTRUCTION CHANGES:

NO.	DESCRIPTION	APPV'D	DATE

BENCHMARK:
Description: CITY OF OCEANSIDE BENCHMARK # F-61A
Location: 2" BRASS CAP STAMPED "COS BM F-61A RESET"
Record From:
Elev.: 11.789' Datum: M.S.L.

REGISTERED PROFESSIONAL ENGINEER LISA M. LEWECK No. 54320 Exp. 12-31-11 CIVIL STATE OF CALIFORNIA

CIP00024 E-5-08

SHEET	CITY OF OCEANSIDE ENGINEERING DEPARTMENT	10 SHEETS
5		

PUBLIC STORM DRAIN AND MYERS STREET IMPROVEMENT PLANS
MYERS STREET & STORM DRAIN 'A'
STA. 14+29.15 TO STA. 17+60.15

APPROVED 7-22-10
SCOTT O'BRIAN SMITH R.C.E. 58655 CITY ENGINEER

ENGINEER OF WORK
LISA M. LEWECK R.C.E. 54320

Checked By: SO
Approval Date: 7/21/10
PLAN NUMBER CIP00024

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
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DESIGNED BY:	PM REVIEW:	DRAINAGE REVIEW:	SURVEY REVIEW:
VA	MK		

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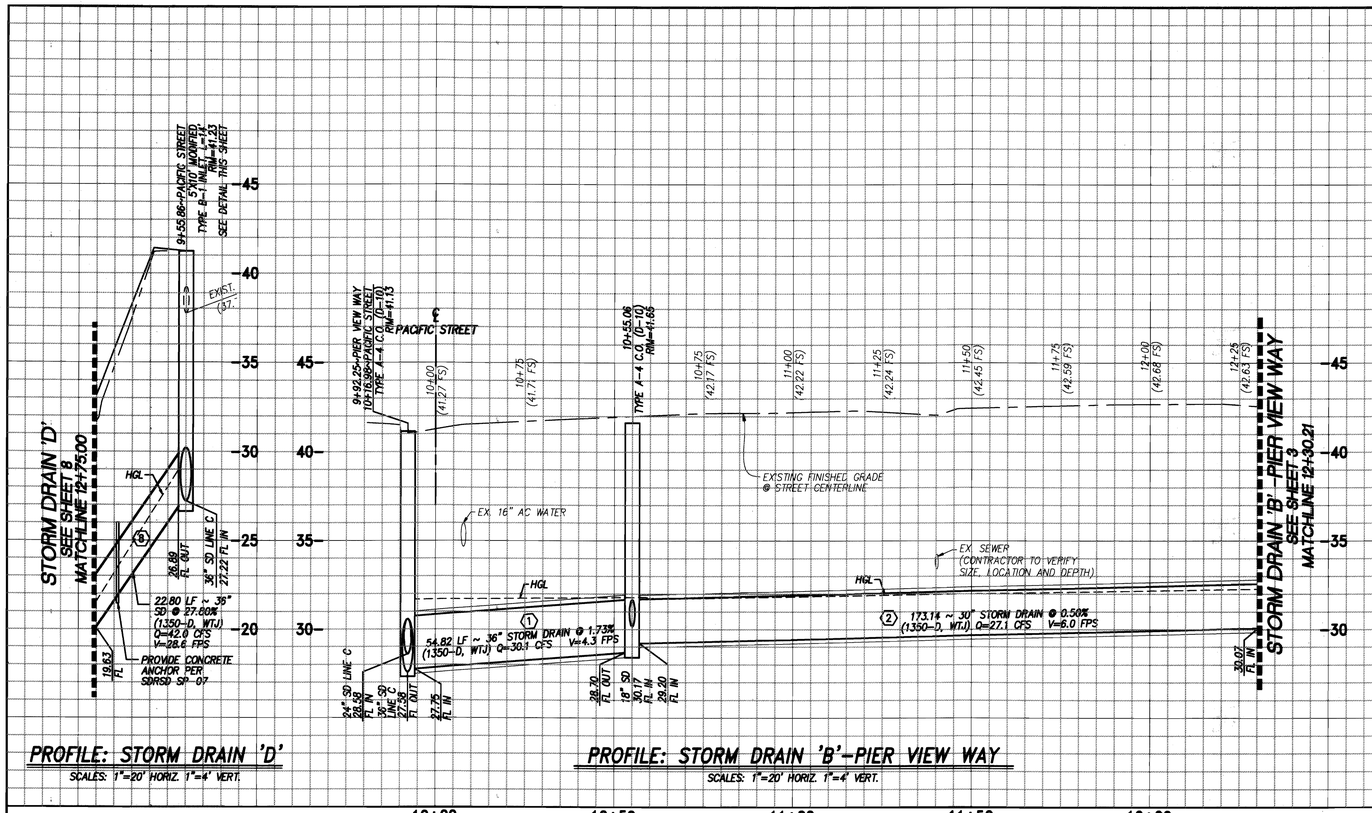
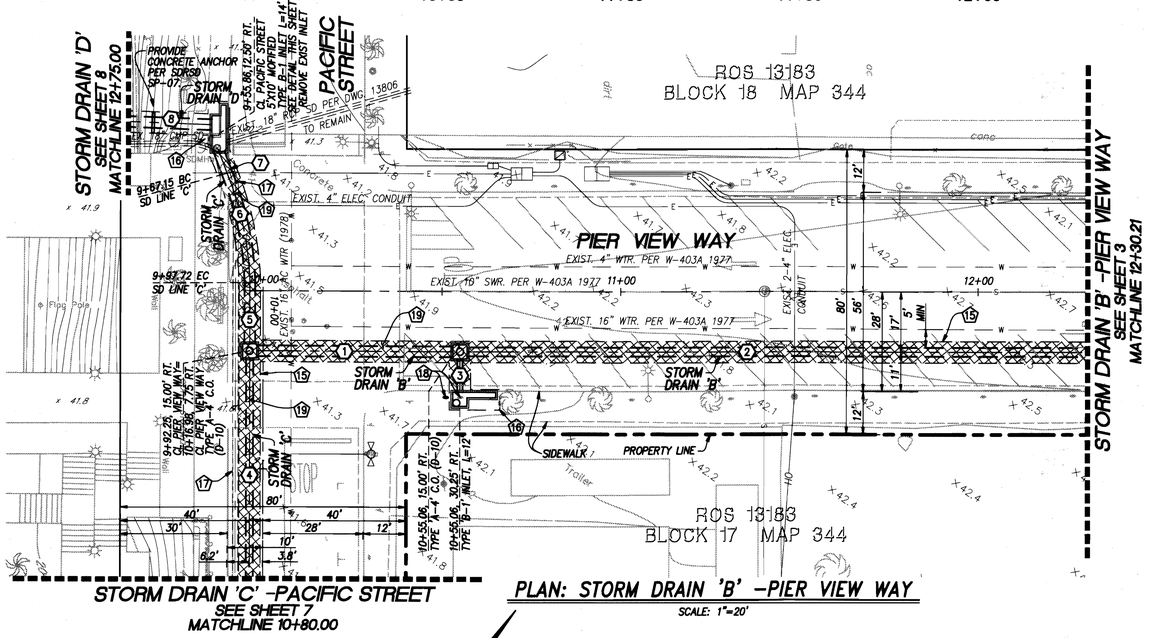




STORM DRAIN DATA

NO.	DELTA OR BRG.	RADIUS(ft)	LENGTH(ft)	REMARKS
①	N55°22'11"E	------	54.82	36" RCP ~ 1350-D *
②	N55°22'11"E	------	173.14	30" RCP ~ 1350-D *
③	N34°38'17"W	------	11.24	18" RCP ~ 1350-D *
④	N34°40'10"W	------	61.06	24" RCP ~ 1350-D *
⑤	N34°40'10"W	------	17.26	36" RCP ~ 1350-D *
⑥	20°15'02"	89.3	31.56	36" RCP ~ 1350-D */***
⑦	N55°13'22"W	------	6.53	36" RCP ~ 1350-D *
⑧	N57°50'16"E	------	22.80	36" RCP ~ 1350-D **

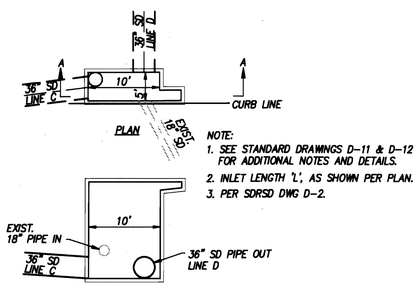
* USE WATER TIGHT JOINTS
** PIPE SLOPE EXCEEDS 10%, A SPECIAL WALL RCP WITH A MINIMUM OF 1-1/2 INCH STEEL CLEARANCE ON BOTH THE INSIDE AND OUTSIDE SURFACES SHALL BE USED PER CITY ENGR'S REQUEST.
*** 8' LENGTHS WITH 5' BEVEL ON ONE END.

CAUTION !!!

EXIST. UNDERGROUND UTILITIES AND FACILITIES SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SCHEMATIC IN NATURE. THE PLANS MAY NOT REFLECT ALL EXISTING UTILITIES. CONTRACTOR TO CONFIRM LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF WORK AND NOTIFY ENGINEER OF WORK OF ANY DISCREPANCIES.

CONSTRUCTION NOTES

15. TRENCH BACKFILLING AND RESURFACING PER OSD M-3A.
16. CONTRACTOR TO REPLACE DAMAGED SIDEWALKS DUE TO CONSTRUCTION OF THE STORM DRAIN SYSTEM STRUCTURES.
17. CONTRACTOR TO REMOVE 18" RCP STORM DRAIN AS NECESSARY, OTHERWISE ABANDON AND SLURRY FILL PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
18. EXISTING PARKING METER TO BE RELOCATED
19. CONTRACTOR TO REMOVE AND REPLACE THE DECORATIVE PAVEMENTS AT CROSSWALK DURING THE CONSTRUCTION OF THE STORM DRAIN.



MODIFIED 5'x10' TYPE B-1 INLET

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER — LISA M. LEWICK — No. 54320 Exp. 12-31-11 — CIVIL — STATE OF CALIFORNIA

CIP00024 E-5-08

SHEET	CITY OF OCEANSIDE ENGINEERING DEPARTMENT	10 SHEETS
6		

PUBLIC STORM DRAIN PLAN FOR:

STORM DRAIN 'B'-PIER VIEW WAY

STA. 9+92.25 TO STA. 12+30.21

APPROVED 7-22-10
SCOTT O'BRIAN SMITH R.C.E. 58655 CITY ENGINEER

ENGINEER OF WORK: LISA M. LEWICK R.C.E. 54320
Checked By:
Approval Date: 7/21/10
PLAN NUMBER CIP00024

CONSTRUCTION CHANGES:

NO.	DESCRIPTION	APPV'D	DATE

BENCHMARK:
Description: CITY OF OCEANSIDE BENCHMARK # F-61A
Location: 2" BRASS CAP STAMPED "COS BM F-61A RESET"
Record From:
Elev. 11.789' Datum: M.S.L.

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.236.6471 Tel
619.234.0349 Fax

DESIGNED BY:	PM REVIEW:	DRAINAGE REVIEW:	SURVEY REVIEW:
VA	MW	DAB	

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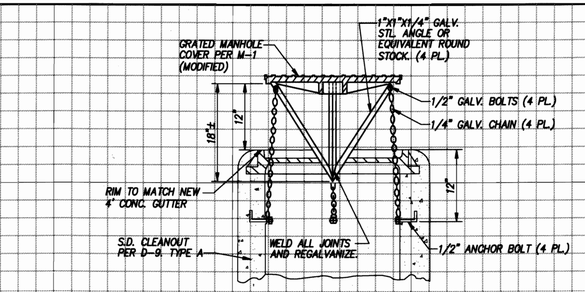
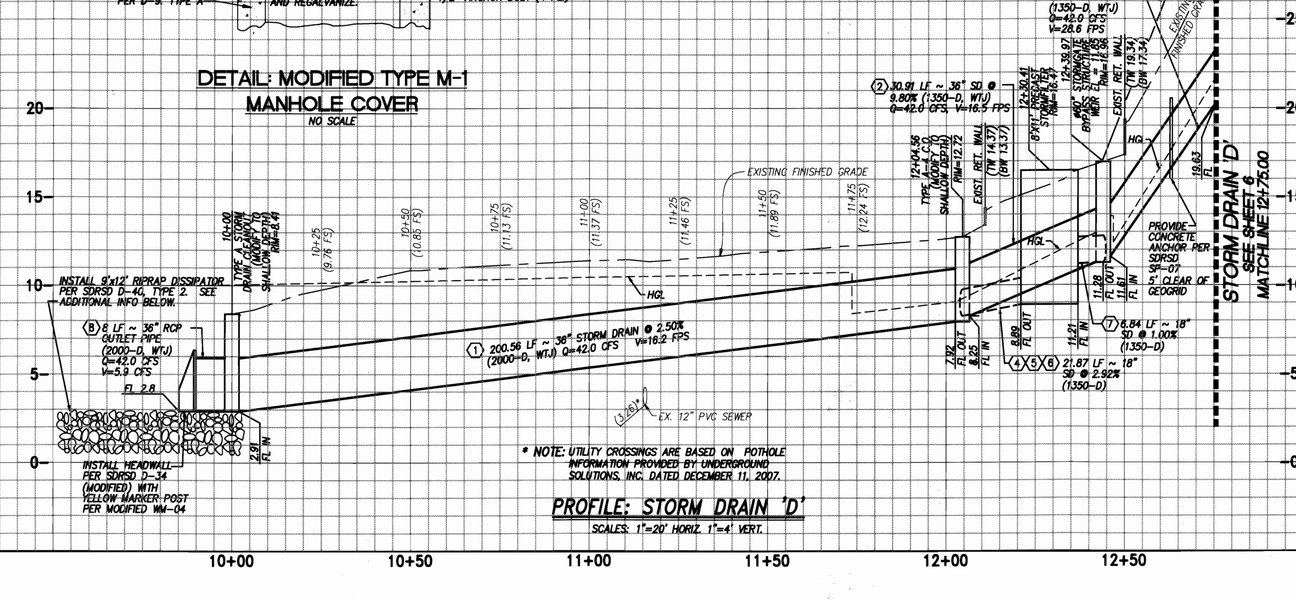


DETAIL: MODIFIED TYPE M-1 MANHOLE COVER

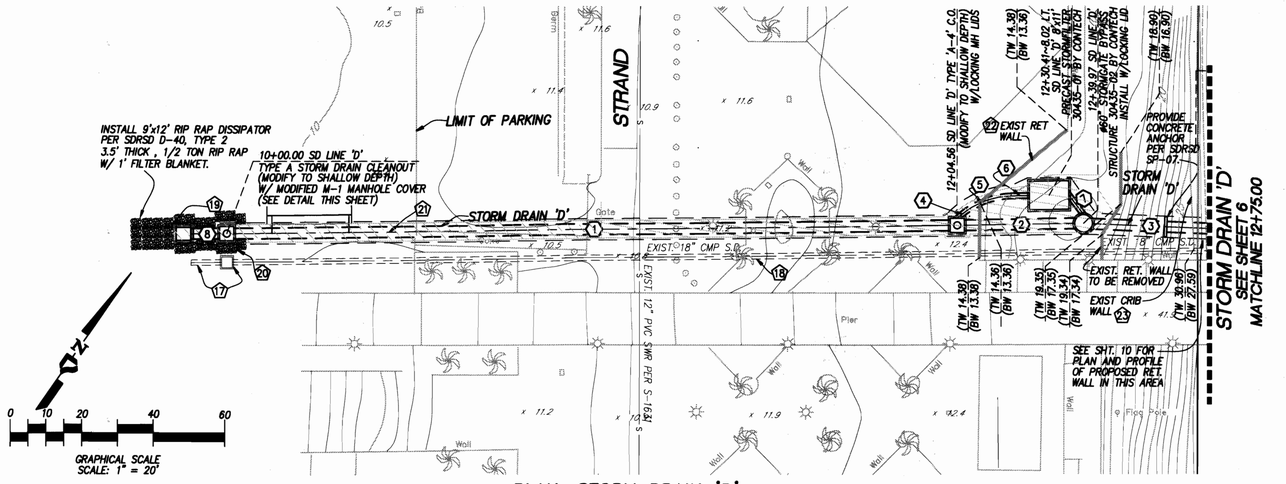
NO SCALE



PROFILE: STORM DRAIN 'D'

SCALES: 1"=20' HORIZ. 1"=4' VERT.

10+00 10+50 11+00 11+50 12+00 12+50



PLAN: STORM DRAIN 'D'

SCALE: 1"=20'

CAUTION !!!

EXIST. UNDERGROUND UTILITIES AND FACILITIES SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SCHEMATIC IN NATURE. THE PLANS MAY NOT REFLECT ALL EXISTING UTILITIES. CONTRACTOR TO CONFIRM LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF WORK AND NOTIFY ENGINEER OF WORK OF ANY DISCREPANCIES.

STORM DRAIN DATA

NO.	DELTA OR BRG.	RADIUS(R)	LENGTH(R)	REMARKS
1	N54°43'42"E	------	200.56	36" RCP ~ 2000-D *
2	N54°43'42"E	------	30.91	36" RCP ~ 1350-D *
3	N57°37'17"E	------	32.16	36" RCP ~ 1350-D ***
4	N14°43'42"E	------	1.16	18" RCP ~ 1350-D
5	40°00'00"	22.5	15.71	*
6	N54°43'42"E	------	5.00	*
7	N71°59'50"W	------	6.84	*
8	N54°43'42"E	------	8.00	36" RCP ~ 2000-D *

* USE WATER TIGHT JOINTS
** PIPE SLOPE EXCEED 10% A SPECIAL WALL RCP WITH A MINIMUM OF 1-1/2 INCH STEEL CLEARANCE ON BOTH THE INSIDE AND OUTSIDE SURFACES SHAL BE USED.

CONSTRUCTION NOTES

17 REMOVE EXISTING OUTLET STRUCTURE. EXISTING RIP RAP MATERIAL TO REMAIN.

18 18" CMP TO BE ABANDONED. SLURRY BACKFILL EXISTING 18" CMP PIPE..

19 INSTALL HEADWALL WITH YELLOW MARKER POST AT OUTLET LOCATION.

20 FOR THE OUTLET HEADWALL STRUCTURE, THE CLEANOUT AT STA. 10+00, AND THE CONNECTING RCP IN BETWEEN, THE CONTRACTOR TO OVEREXCAVATE A MINIMUM 2 FEET BELOW THE PROPOSED BOTTOM OF THE STORM DRAIN FACILITIES. CONTRACTOR TO OVERLAY MIRAFI HP370 ON THE BOTTOM OF THE TRENCH AND AT LEAST 3 FEET UP THE SIDES, AND PLACE MINIMUM 2 FEET OF 3/4 INCH ROCK FOR PIPE BEDDING UNDERLAIN WITH MIRAFI 600X OR EQUIVALENT, AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER. BEDDING WIDTH SHOULD EXTEND A MINIMUM 2 FEET OUTSIDE THE EDGE OF THE PROPOSED IMPROVEMENTS AND DEPTH AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER. SHOULD SOFT AND LOOSE SOILS EXTEND UNDER THE STORM DRAIN ALIGNMENT TO EAST OF THE CLEANOUT AT STA. 10+00, AGGREGATE AND GEOTEXTILE STABILIZATION SHOULD BE EXTENDED, THE NEED FOR THIS EXTENSION SHOULD BE BASED UPON FIELD OBSERVATIONS BY GEOLOGIST DURING CONSTRUCTION. CONTRACTOR TO CONFIRM RECOMENDATIONS WITH PROJECT GEOLOGIST PRIOR TO CONSTRUCTION.

21 CONTRACTOR TO USE CITY OF OCEANSIDE STANDARD M-3A FOR TRENCH AND BACKFILL WITHIN BEACH AREA. BEDDING MATERIAL AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

22 CONTRACTOR TO REPLACE ALL WALLS, STRUCTURES, AND LANDSCAPING DAMAGED DUE TO CONSTRUCTION OF THE STORM DRAIN SYSTEM. CONTRACTOR TO VERIFY WALL FOOTING DEPTHS PRIOR TO CONSTRUCTION.

23 THE PROPOSED STORM DRAIN CROSSES THE EXISTING CRIB WALL AT STATION 12+70. THIS WALL WILL REQUIRE DISASSEMBLY OF TEH CRIB WALL PRIOR TO THE STORM DRAIN INSTALLATION.

NOTE:

FOR VERDURA OR EQUIVALENT RETAINING WALL SEE SHEET 10.

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

DESIGNED BY:	PM REVIEW:	DRAINAGE REVIEW:	SURVEY REVIEW:
VA			

REGISTERED PROFESSIONAL ENGINEER — LISA M. LEMECK — No. 54320 Exp. 12-31-11 — CIVIL — STATE OF CALIFORNIA

CONSTRUCTION CHANGES:

NO.	DESCRIPTION	APPV'D	DATE

BENCHMARK:
Description: CITY OF OCEANSIDE BENCHMARK # F-61A
Location: 2" BRASS CAP STAMPED "COS BM F-61A RESET"
Record From:
Elev. 11.789' Datum: M.S.L.

CIP00024 E-5-08

SHEET	CITY OF OCEANSIDE ENGINEERING DEPARTMENT	10 SHEETS
8		

PUBLIC STORM DRAIN PLAN FOR:
STORM DRAIN 'D'
STA. 10+00.00 TO STA. 12+75.00

APPROVED 7-22-10
SCOTT O'BRIAN SMITH R.C.E. 58655 CITY ENGINEER

ENGINEER OF WORK
LISA M. LEMECK R.C.E. 54320

Checked By: LL
Approval Date: 7/22/10
PLAN NUMBER CIP00024

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Table 3-1
RUNOFF COEFFICIENTS FOR URBAN AREAS

Land Use		Runoff Coefficient "C"				
			Soil Type			
NRCS Elements	County Elements	% IMPER.	A	B	C	D
Undisturbed Natural Terrain (Natural)	Permanent Open Space	0*	0.20	0.25	0.30	0.35
Low Density Residential (LDR)	Residential, 1.0 DU/A or less	10	0.27	0.32	0.36	0.41
Low Density Residential (LDR)	Residential, 2.0 DU/A or less	20	0.34	0.38	0.42	0.46
Low Density Residential (LDR)	Residential, 2.9 DU/A or less	25	0.38	0.41	0.45	0.49
Medium Density Residential (MDR)	Residential, 4.3 DU/A or less	30	0.41	0.45	0.48	0.52
Medium Density Residential (MDR)	Residential, 7.3 DU/A or less	40	0.48	0.51	0.54	0.57
Medium Density Residential (MDR)	Residential, 10.9 DU/A or less	45	0.52	0.54	0.57	0.60
Medium Density Residential (MDR)	Residential, 14.5 DU/A or less	50	0.55	0.58	0.60	0.63
High Density Residential (HDR)	Residential, 24.0 DU/A or less	65	0.66	0.67	0.69	0.71
High Density Residential (HDR)	Residential, 43.0 DU/A or less	80	0.76	0.77	0.78	0.79
Commercial/Industrial (N. Com)	Neighborhood Commercial	80	0.76	0.77	0.78	0.79
Commercial/Industrial (G. Com)	General Commercial	85	0.80	0.80	0.81	0.82
Commercial/Industrial (O.P. Com)	Office Professional/Commercial	90	0.83	0.84	0.84	0.85
Commercial/Industrial (Limited I.)	Limited Industrial	90	0.83	0.84	0.84	0.85
Commercial/Industrial (General I.)	General Industrial	95	0.87	0.87	0.87	0.87

EXISTING

PROPOSED

*The values associated with 0% impervious may be used for direct calculation of the runoff coefficient as described in Section 3.1.2 (representing the pervious runoff coefficient, Cp, for the soil type), or for areas that will remain undisturbed in perpetuity. Justification must be given that the area will remain natural forever (e.g., the area is located in Cleveland National Forest).
DU/A = dwelling units per acre
NRCS = National Resources Conservation Service

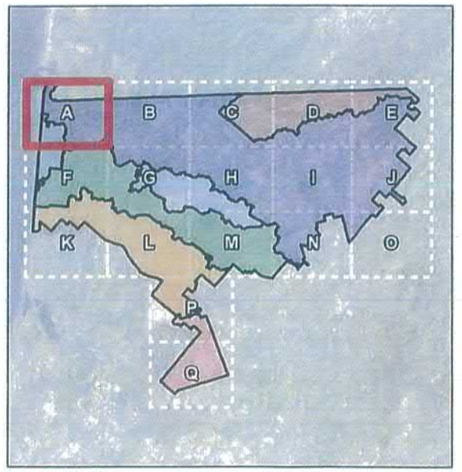
Storm Drain Inadequacies For:

- 10-Year Storm Event
- 25-Year Storm Event
- 100-Year Storm Event

Legend

- Existing Storm Drains (Diameter)
- Open Channel - Lined (Depth)
- Natural Channel/Creek
- Detention Basins
- Highways and Major Roads
- Sub-basin Boundary
- Watershed Boundary
- Oceanside City Limits

SBC - Single Box Culvert
DBC - Double Box Culvert
TBC - Triple Box Culvert
OBC - Other Box Culvert (> 3 barrels)
H' x W' for each barrel



0 1,000 2,000 Feet

Oceanside MPD Update 2012
Existing Storm Drains
Atlas Page A

San Luis Rey River

San Luis Rey River Watershed

Pacific Ocean / Beach Area Watershed

Loma Alta Creek Watershed

SLR-866

PO-24
PO-26
PO-25
PO-23
PO-22
PO-18
PO-37
PO-36
PO-19
PO-38
PO-27
PO-39

SITE

SURFRIDER WAY
PACIFIC STREET
MISSION AVENUE
HOLLY STREET
CANYON DRIVE

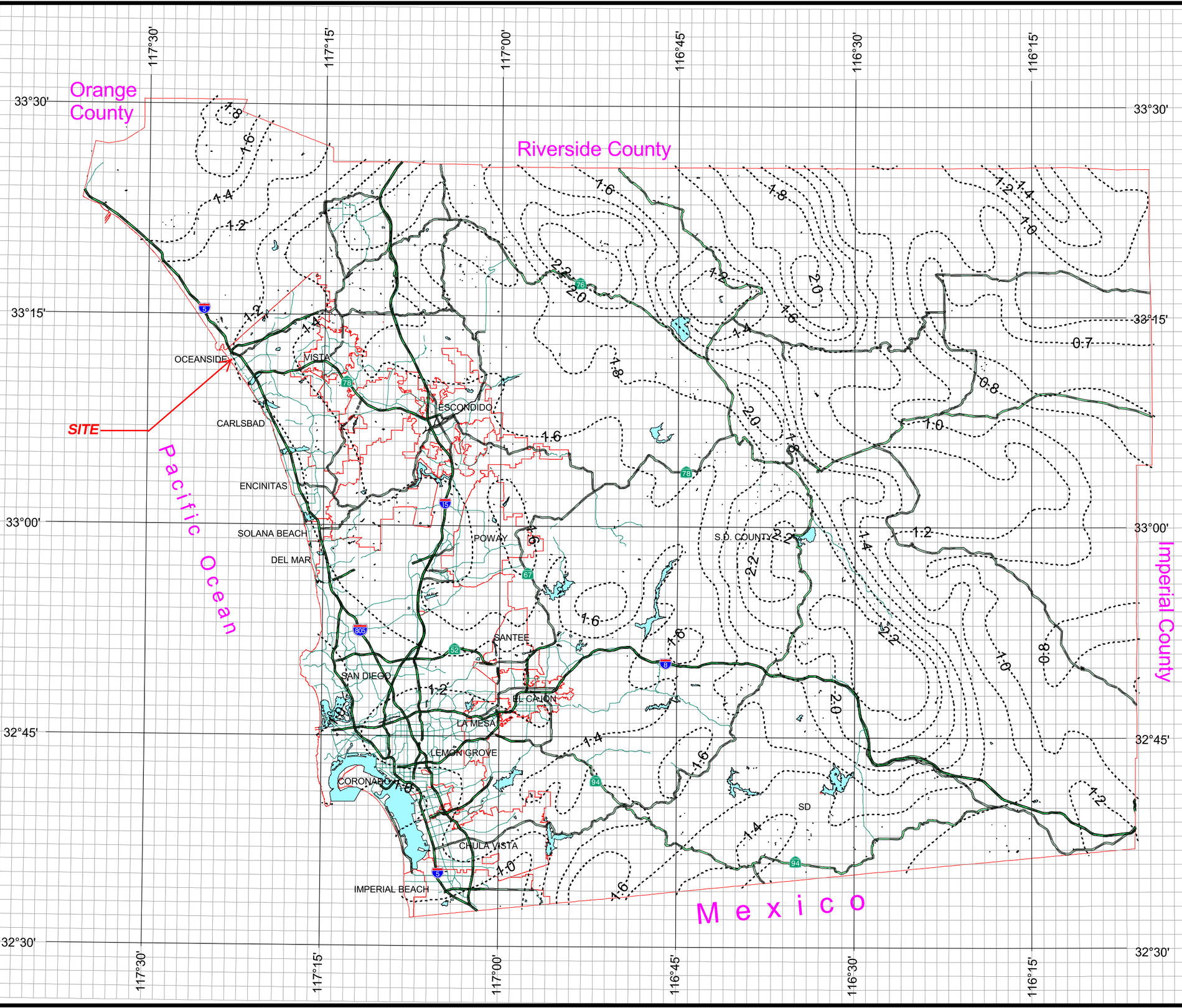
W:\045 (City of Oceanside)\10 (Master Plan of Drainage)\Image Library\GIS\Map_Docs\Master Plan_And_Drainage\mxd NOAA 14\Pipes_Macbook.mxd 4/25/2013

County of San Diego Hydrology Manual

Rainfall Isopluvials

2 Year Rainfall Event - 6 Hours

---------- Isopluvial (inches)



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County of San Diego Hydrology Manual

Rainfall Isopluvials

2 Year Rainfall Event - 24 Hours

Isopluvial (inches)

Orange County

Riverside County

Imperial County

Pacific Ocean

Mexico

SITE

OCEANSIDE
VISTA
CARLSBAD
ESCONDIDO
ENCINITAS
SOLANA BEACH
DEL MAR
POWAY
S.D. COUNTY
SANTEE
SAN DIEGO
EL CAJON
LA MESA
LEMON GROVE
CORONADO
CHULA VISTA
IMPERIAL BEACH
SD

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33°30' 33°15' 33°00' 32°45' 32°30'

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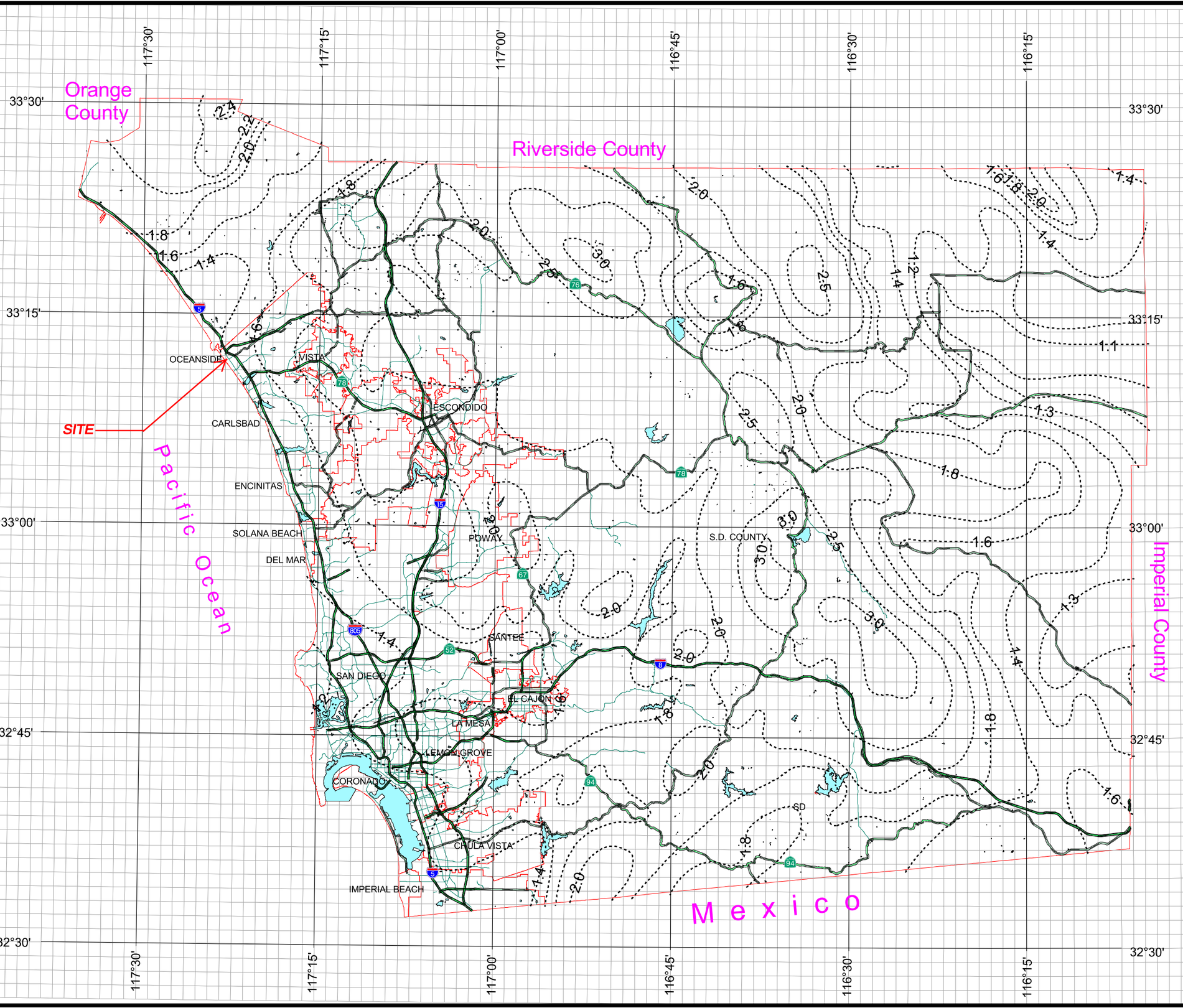
Rainfall Isopluvials

5 Year Rainfall Event - 6 Hours

Isopluvial (inches)



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Rainfall Isopluvials

5 Year Rainfall Event - 24 Hours

Isopluvial (inches)

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County of San Diego Hydrology Manual

Rainfall Isopluvials

10 Year Rainfall Event - 6 Hours

Isopluvial (inches)

Orange County

Riverside County

Imperial County

Pacific Ocean

Mexico

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SD

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County of San Diego Hydrology Manual

Rainfall Isopluvials

10 Year Rainfall Event - 24 Hours

Isopluvial (inches)

Orange County

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County of San Diego Hydrology Manual

Rainfall Isopluvials

25 Year Rainfall Event - 6 Hours

Isopluvial (inches)

Orange County

Riverside County

Pacific Ocean

Imperial County

Mexico

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ESCONDIDO
ENCINITAS
SOLANA BEACH
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3 0 3 Miles

County of San Diego Hydrology Manual

Rainfall Isopluvials

25 Year Rainfall Event - 24 Hours

Isopluvial (inches)

Orange County

Riverside County

SITE

Pacific Ocean

Imperial County

Mexico

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ENCINITAS
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DEL MAR
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S.D. COUNTY
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SAN DIEGO
EL CAJON
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SD

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33°30' 33°15' 33°00' 32°45' 32°30'

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Rainfall Isopluvials

50 Year Rainfall Event - 6 Hours

Isopluvial (inches)

Orange County

Riverside County

Imperial County

Mexico

Pacific Ocean

SITE

OCEANSIDE

VISTA

CARLSBAD

ESCONDIDO

ENCINITAS

SOLANA BEACH

DEL MAR

POWAY

S.D. COUNTY

SANTEE

SAN DIEGO

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117°30' 117°15' 117°00' 116°45' 116°30' 116°15'

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3 0 3 Miles

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Rainfall Isopluvials

50 Year Rainfall Event - 24 Hours

Isopluvial (inches)

Orange County

Riverside County

Imperial County

Pacific Ocean

Mexico

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SD
CHULA VISTA
IMPERIAL BEACH

117°30' 117°15' 117°00' 116°45' 116°30' 116°15'

33°30' 33°15' 33°00' 32°45' 32°30'

DPW GIS
Department of Public Works
Geographic Information Services

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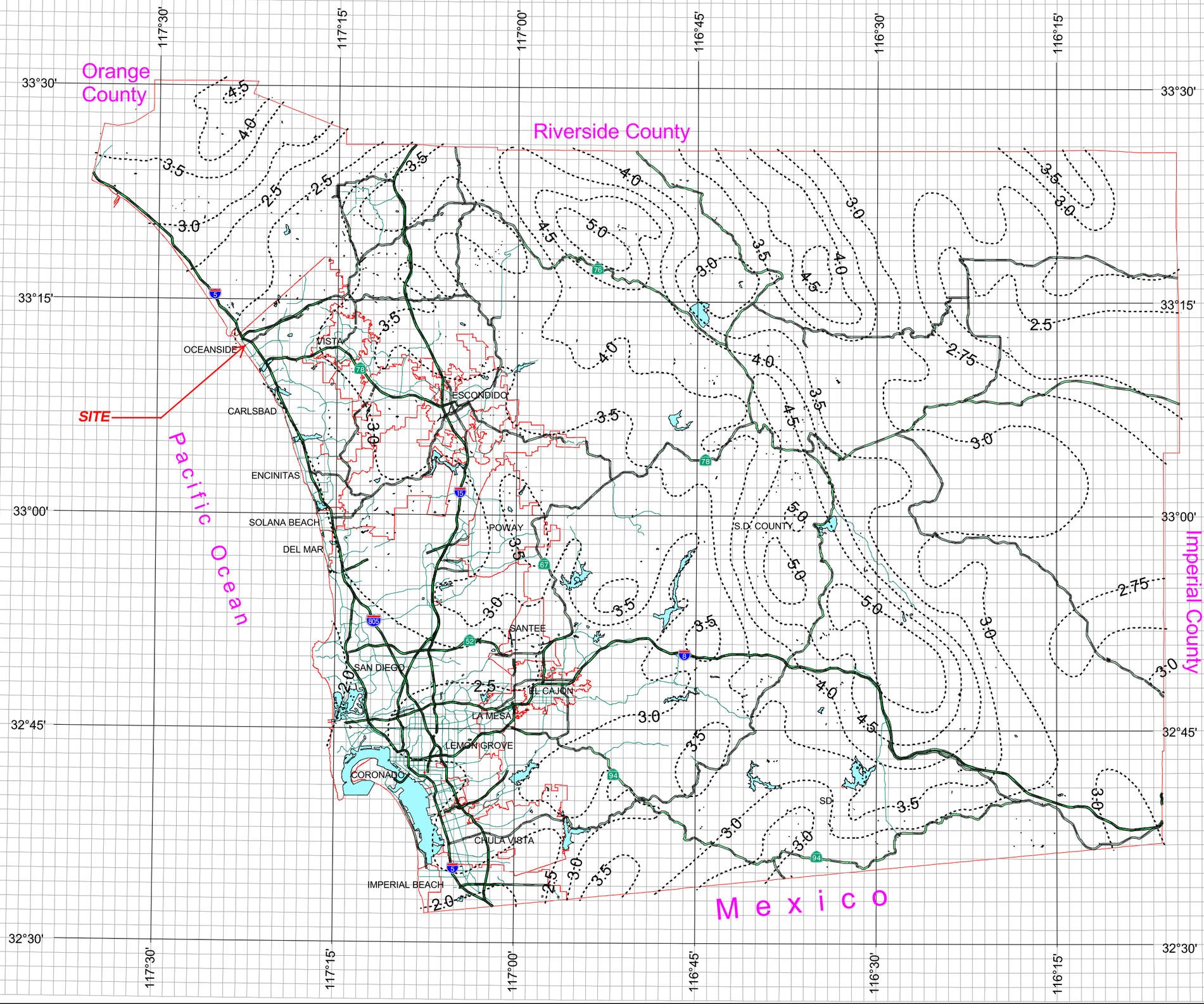
3 0 3 Miles

County of San Diego Hydrology Manual

Rainfall Isopluvials

100 Year Rainfall Event - 6 Hours

Isopluvial (inches)



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3 0 3 Miles

County of San Diego Hydrology Manual

Rainfall Isopluvials

100 Year Rainfall Event - 24 Hours

Isopluvial (inches)

Orange County

Riverside County

Imperial County

Pacific Ocean

Mexico

SITE

OCEANSIDE

VISTA

CARLSBAD

ESCONDIDO

ENCINITAS

SOLANA BEACH

POWAY

S.D. COUNTY

DEL MAR

SANTEE

SAN DIEGO

EL CAJON

LA MESA

LEMON GROVE

CORONADO

SD

CHULA VISTA

IMPERIAL BEACH

117°30'

117°15'

117°00'

116°45'

116°30'

116°15'

33°30'

33°15'

33°00'

32°45'

32°30'

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3 0 3 Miles

ATTACHMENT 6
Geotechnical and Groundwater Investigation Report

This is the cover sheet for Attachment 6.

November 13, 2023

Project No. 039.0000019939

To: Ryan Companies US, Inc.
4275 Executive Square, Suite 370
San Diego, California 92037

Attention: Mr. Garrett Faller

Subject: Infiltration Test Results
Oceanside Block 5 Project
Mission Avenue and East Myers Street
Oceanside, California

References: City of Oceanside, 2022, BMP Design Manual, For Permanent Site Design, Storm Water Treatment and Hydromodification Management, dated January 2022.
JNS, 2022, Conceptual Plans, Oceanside Blocks 5 and 20, dated May 26, 2023.

Leighton and Associates, Inc., 2023, Geotechnical Investigation, Oceanside Block 5 Project, Mission Avenue and East Myers Street, Oceanside, California, Project No. 13951.001, draft version dated August 10, 2023.

In accordance with your authorization, this letter presents the results of our field percolation evaluation of the proposed Oceanside Block 5 Project, located at the northeast corner of Peir View Way and North Myers Street in Oceanside, California (Figure 1). The purpose of our study was to evaluate the existing underlying soil conditions and to provide geotechnical recommendations for consideration in the design and construction of proposed Best Management Practices (BMP) improvements in accordance with the City of Oceanside BMP Design Manual (2022). Our Investigation included in-situ field percolation testing.

PROJECT DESCRIPTION

Currently, the site is rectangular in shape, encompasses approximately 1.05 acres of land, and is located north of Peir View Way and east of North Myers Street in Oceanside, California. In general, the site is bounded by residential developments to the north, the NCTD Railway to the east, Pier View Way followed by Block 20 to the south, and North Myers Street to the west. Currently, the site is developed and occupied by an asphalt paved parking lot. Site topography gently slopes from the east to the west with surface elevations ranging from approximately 42 to 45 feet above mean sea level (msl).

Based on our review of the provided conceptual site plans (JNS, 2022) and our discussions with you, it is our understanding that the existing site improvements will be demolished, and that the proposed redevelopment will consist of an 8-story mixed-use residential building with 2 levels of below grade parking. Additional improvements at the site are anticipated to consist of associated driveways, utilities, landscape, and hardscape.

FIELD PERCOLATION TESTING

In accordance with the City of Oceanside BMP Design Manual, Appendix D, the Borehole Percolation Test Method was selected and performed between November 1 and 2, 2023. Specifically, we advanced two 3.25-inch diameter hand auger borings, P-1 and P-2, to a depth of approximately 4 feet below the existing ground surface (bgs). The approximate locations of the percolation test borings are shown on the attached Figure 2, Location of Field Percolation Tests. Given the test holes consisted of silty and clayey sands, the boreholes were filled with water and allowed to pre-soak for at least 15 hours prior to performing the in-situ percolation testing.

In summary, the in-situ percolation testing was performed in accordance with the City of Oceanside BMP Design Manual, Appendix D. The water level in each test hole was measured at approximately 30-minute intervals using a water level meter, which is accurate to 0.01 feet. Refilling of the boreholes was done as needed. The total testing period lasted approximately 6 hours. The field percolation test results are provided in Appendix A. After logging and testing, the field percolation test locations were backfilled with soil cuttings and capped to match the existing ground surface.

PERCOLATION AND INFILTRATION RATES

Based on our field percolation testing, the in-situ percolation rates and calculated infiltration rates at tested locations and depths are summarized in Table 1 below. It is important to note that percolation rates are not equal to infiltration rates. As a result, we have made a distinction between percolation rates where water movement is considered laterally and vertically versus infiltration rates where only the vertical direction is considered. We have used the Porchet Method to convert measured percolation rates to calculated infiltration rates in accordance with the City of Oceanside BMP Manual (2022). In addition, we have included a recommended infiltration rate with a minimum factor of safety of 2 for the preliminary design of potential infiltration systems. However, this recommended infiltration rate is not geotechnically feasible based on existing geological hazards discussed below.

$$I_t = \frac{\Delta H * 60 * r}{\Delta t(r+2H_{AVG})}$$

Where:

I_t = calculated infiltration rate, inches/hour
ΔH = change in head over the time interval, inches
Δt = time interval, minutes
r = radius of test hole
H_{AVG} = average head over the time interval, inches

Table 1 - Percolation and Infiltration Rates

Perc. Test No.	Bore Depth (ft)	Soil Type	Measured Percolation Rate (mins/in)	Calculated Infiltration Rate (inches/hr)	Recommended Infiltration Rate w/ FS of 2 (inches/hr)
P-1	4	Silty, Clayey Sand	27.8	0.11	0.056
P-2	4	Silty, Clayey Sand	15.6	0.15	0.075

It should be emphasized that the percolation test results are only representative of the tested location and depth where they are performed. Varying subsurface conditions may exist outside of the test locations, which could alter the calculated infiltration rates indicated above.

In addition, it is possible that long term infiltration rates within measured soil strata may be much lower than the values obtained by our current testing. Long term infiltration can be influenced by the following: variable vertical character and limited lateral extent of more permeable soil strata, reduction of permeability rates over time due to silting of the soil pore spaces, and other factors not discussed here. Accordingly, the possibility of future surface ponding of water as well as shallow groundwater impacts on subterranean structures such as recently constructed basements, underground utilities, etc. should be anticipated as possible future conditions in all design aspects of the site.

GEOTECHNICAL FEASIBILITY OF INFILTRATION

From a geotechnical perspective, the following factors should also be considered for the feasibility of infiltration:

Soil and Geologic Conditions

Based on our recent geotechnical investigation (Leighton, 2023) and our current field percolation evaluation, the geologic units underlying the site consist of undocumented artificial fill soils, Quaternary-aged Old Paralic Deposits and Tertiary-aged San Onofre Breccia. Undocumented fill was encountered within our percolation test locations, and in general varies in depth from 3 to 5 feet bgs based on our previous geotechnical borings (Leighton, 2023). These fill soils generally consisted of loose silty sands, which have varying infiltration rates. The Quaternary-aged Old Paralic Deposits, directly below the fill, has low to moderate infiltration rates. It should be noted that the contact of this formation may be gently sloping westward and likely daylights offsite and down gradient, which could result in an offsite seepage condition if site infiltration is utilized and not mitigated by lined BMPs.

Settlement and Volume Change

Based on our evaluation, the on-site soils remaining following construction are not considered susceptible to hydro-collapse or consolidation. Considering planned grading and foundation design measures, settlement potential is considered negligible due to infiltration. Our testing also did not indicate the presence of highly expansive soils. In addition, it is our professional opinion that site soils are not liquefiable due to their dense condition and absence of a shallow groundwater table.

Slope Stability

The topography of the site slopes slightly to the west with no major slopes on site. However, a coastal bluff slope is located down gradient and may be adversely impacted by site infiltration and the sloping geologic contact between the underlying formations, if not mitigated by lined BMPs.

Utility Considerations

There are currently offsite underground utilities located down gradient of the site. Based on our evaluation, the on-site soils and sloping geologic contact of the underlying formation, site infiltration may adversely impact the existing underground utilities immediately adjacent to the site, if not mitigated by lined BMPs.

Groundwater Mounding

Groundwater was not encountered during our recent geotechnical investigation; however, based on the depth to groundwater at nearby properties, the depth to groundwater at the site is estimated to be approximately +8 feet Mean Sea Level (msl [approximately 38 feet bgs]). Based on the estimated depth of groundwater across the site and the generally very low infiltration rates measured across the project site, groundwater mounding resulting from possible infiltration of storm water may not be considered significant; however, site infiltration may create perched groundwater conditions, if not mitigated by lined BMPs.

Retaining Wall and Foundations

There are existing building, basement, and retaining wall foundations located down gradient of the site. It should be noted that these structures will be adversely impacted by site infiltration given the sloping contact of the underlying Old Paralic Deposits and San Onofre Breccia, if not mitigated by lined BMPs.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of our recent geotechnical investigation for the subject site (Leighton, 2023) and our current infiltration study, the site should be considered a “Non-Infiltration Site” based on the potential for geological hazards and the City of Oceanside BMP Design Manual (2022).

Based on our professional experience, sites having such low infiltration rates and potential geologic hazards are best suited for Low Impact Development (LID) BMPs that contain and filter surface waters by the use of flow-through planters and bioretention areas which are fully lined with an impermeable liner and have subdrain systems that tie into an approved existing or proposed storm drain system.

Surface drainage should be controlled at all times and carefully taken into consideration during precise grading, landscaping, and construction of site improvements. Positive drainage (e.g., roof gutters, downspouts, area drains, etc.) should be provided to direct surface water away from structures and improvements and towards the street or suitable drainage devices. Ponding of water adjacent to structures or pavements should be avoided. Roof gutters, downspouts, and area drains should be aligned so as to transport surface water to a minimum distance of 5 feet away from structures. The performance of structural foundations is dependent upon maintaining adequate surface drainage.

Where possible, surface water should be transported off the site in approved drainage devices or unobstructed swales. We recommend a minimum flow gradient for unpaved drainage within 5 feet of structures of 2 percent sloping away if feasible. All area drain inlets should be maintained and kept clear of debris in order to function properly. In addition, landscaping should not cause any obstruction to site drainage. Rerouting of drainage patterns and/or installation of area drains should be performed, if necessary, by a qualified civil engineer or a landscape architect.

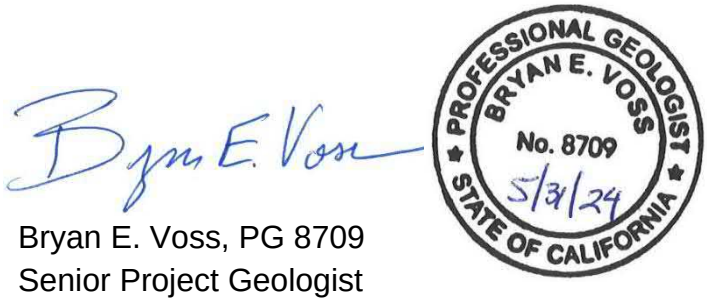
LIMITATIONS

Recommendations contained in this letter are based on our site reconnaissance, background review, and present knowledge of the proposed construction. It is possible that soil conditions vary between or beyond the points explored. If soil conditions are encountered during grading or foundation excavation, which differ from those described in the original geotechnical report, our firm should be notified immediately so that a review may be made, and any supplemental recommendations provided.

Our firm has performed our services in substantial accordance with the generally accepted geotechnical engineering practice as it exists in the site area at the time of our study. No warranty is made or intended.

We appreciate the opportunity to be of service on this project. Should you have any questions related to this report, please contact our office at your convenience.

Respectfully submitted,
LEIGHTON AND ASSOCIATES, INC.



Bryan E. Voss, PG 8709
Senior Project Geologist

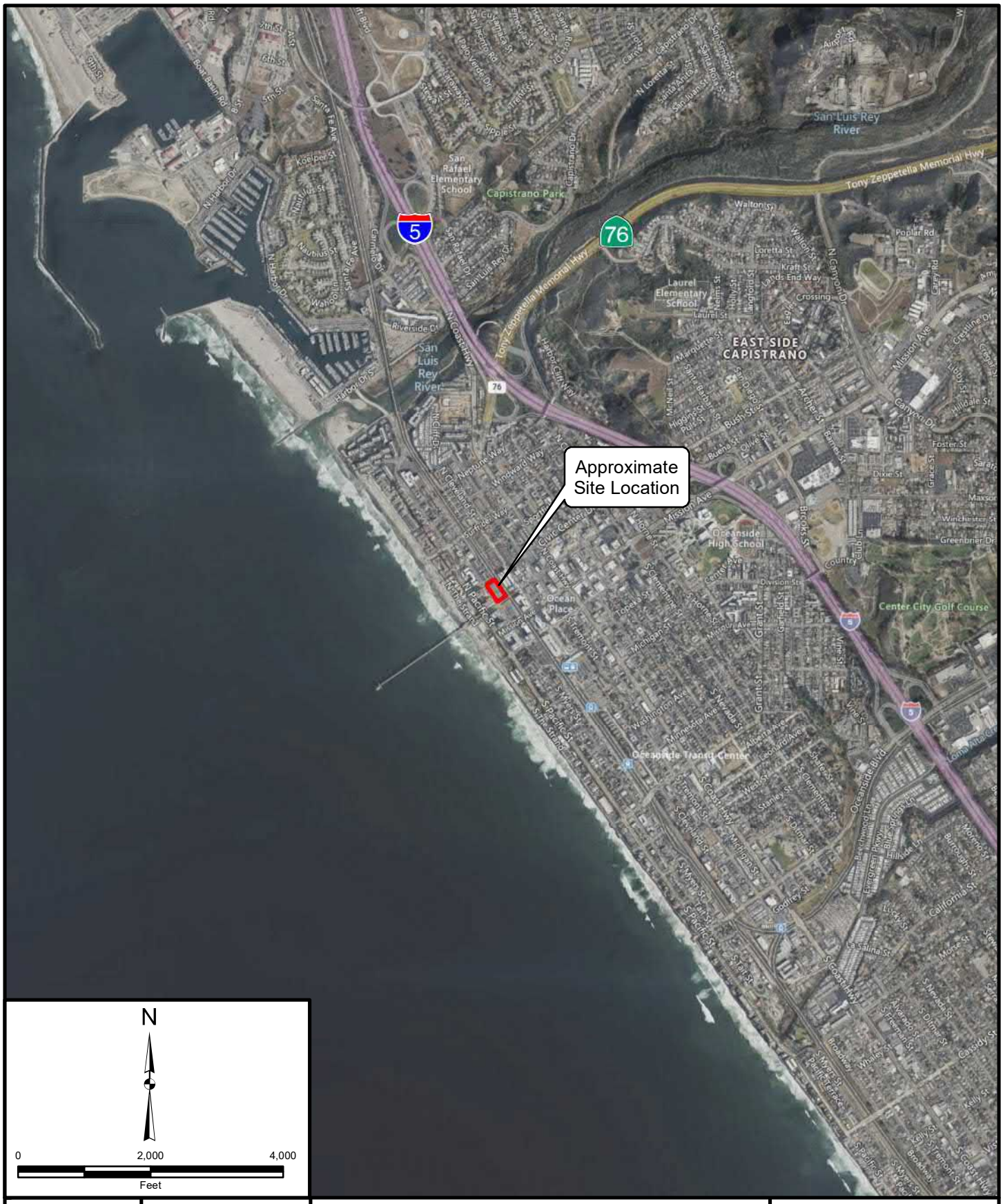
Steven Norton, PE 90654
Project Engineer

ATTACHMENTS:

Figure 1 - Site Location Map
Figure 2 - Location of Field Percolation Tests
Appendix A - Field Percolation Test Results
Appendix B - Form I-8

Distribution: (1) Digital Copy

FIGURES



Project: 19939	Eng/Geol: SAN/BEV/RCS
Scale: 1 " = 2,000 '	Date: November 2023

Reference: © 2023 Microsoft Corporation © 2023 Maxar ©CNES (2023) Distribution Airbus

Author: (mmurphy)

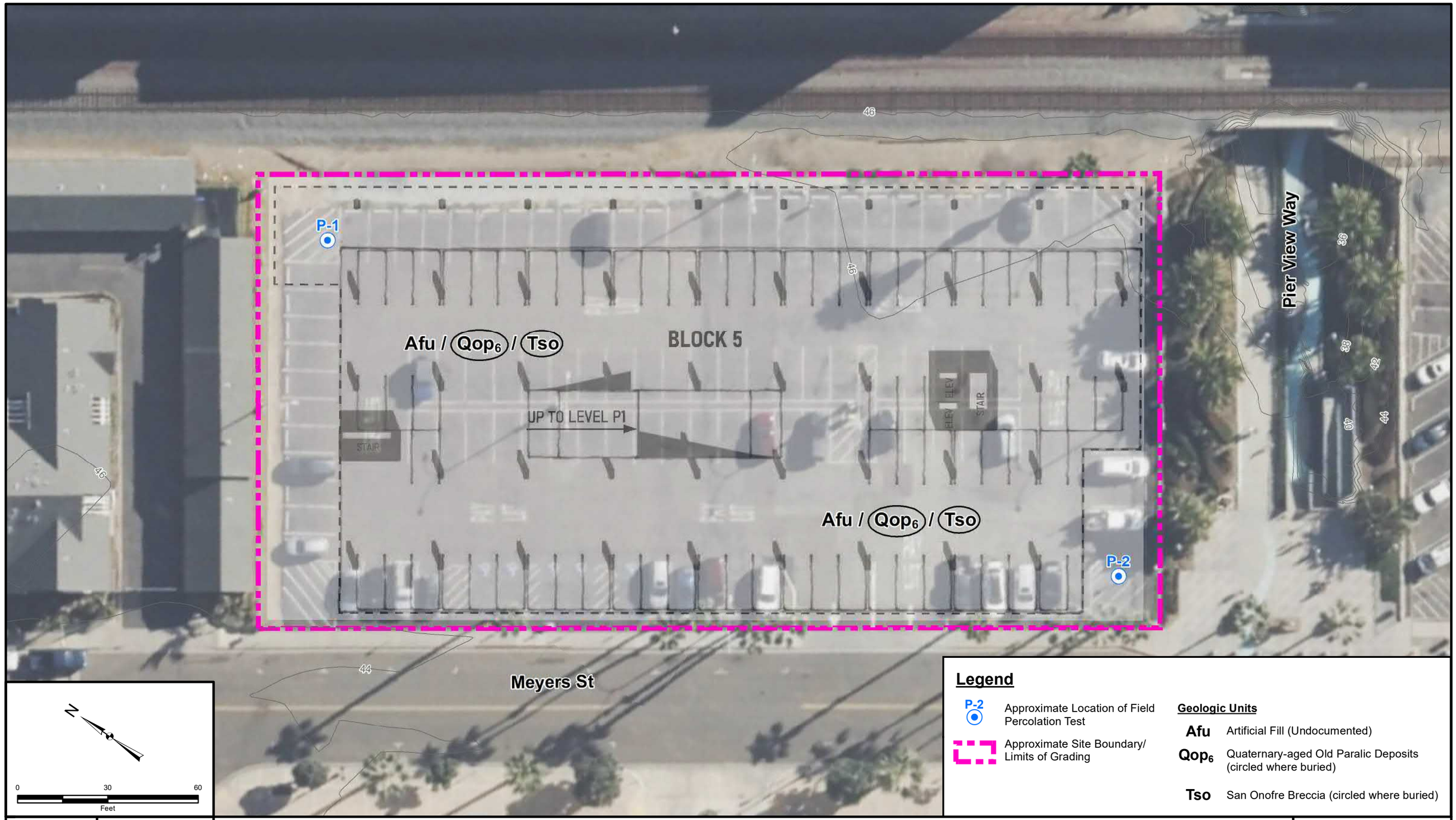
SITE LOCATION MAP

Ryan - Oceanside Block 5
Oceanside, California

FIGURE 1

Leighton

Map Saved as V:\Drafting\19939\Maps\Block 5\19939_F01_SLM-Block5_2023-11-09.mxd on 11/9/2023 10:18:50 AM



Legend

- P-1 — Approximate Location of Field Percolation Test
- Approximate Site Boundary/ Limits of Grading

Geologic Units

- **Afu** — Artificial Fill (Undocumented)
- **Qop$_6$** — Quaternary-aged Old Paralic Deposits (circled where buried)
- **Tso** — San Onofre Breccia (circled where buried)

Project: 19939	Eng/Geol: SAN/BEV/RCS
Scale: 1 " = 30 '	Date: November 2023
Base Map: Bing Maps, 2016 2023	
Author: (mmurphy)	

LOCATION OF FIELD PERCOLATION TESTS

Ryan - Oceanside Block 5
Oceanside, California

FIGURE 2

Leighton

Map Saved as V:\Drafting\19939\Maps\Block 5\19939_F02_LFPT-Block5_2023-11-10.mxd on 11/10/2023 11:24:26 AM

APPENDIX A

Field Percolation Test Results

Leighton
a verdantas company

Leighton

FIELD PERCOLATION TEST DATA SHEET

Project Name:	Oceanside Block 5 Project	Project No.:	39.00000199
Proj. Address:	Mission Avenue and East Myers Street, Oceanside, CA		

SOIL TYPE / TEST LOCATION / BOREHOLE

Soil Type: Silty, Clayey SAND (SC-SM) Hole #: P-1

Location: See Figure 2: Geotechnical Map

Hole Dia: 3.25"

Depth 4'

Tested by: CA Pre-Saturation Date: 11/1/23 Test Date: 11/2/23

Notes: Measurements in 1/100ths of feet (ft)

Time of Day	Interval (min)	Initial Depth to Water (ft)	Final Depth of Water (ft)	Δ in Water Level (ft)	Percolation Rate (inch/hour)	Percolation Rate (min/inch)
8:07-8:37	30.00	2.59	2.67	0.08	1.92	31.25
8:38-9:08	30.00	2.67	2.75	0.08	1.92	31.25
9:09-9:39	30.00	2.55	2.65	0.10	2.40	25.00
9:40-10:10	30.00	2.65	2.73	0.08	1.92	31.25
10:11-10:41	30.00	2.62	2.71	0.09	2.16	27.78
10:42-11:12	30.00	2.71	2.80	0.09	2.16	27.78
11:13-11:43	30.00	2.63	2.73	0.10	2.40	25.00
11:44-12:14	30.00	2.73	2.81	0.08	1.92	31.25
12:15-12:45	30.00	2.67	2.76	0.09	2.16	27.78
12:46-13:16	30.00	2.76	2.85	0.09	2.16	27.78
13:17-13:47	30.00	2.62	2.71	0.09	2.16	27.78
13:48-14:18	30.00	2.71	2.80	0.09	2.16	27.78

Notes: Percolation Rate = 27.78 min/inch or 2.16 inch/hour

Leighton

FIELD PERCOLATION TEST DATA SHEET

Project Name:	Oceanside Block 5 Project	Project No.:	39.00000199
Proj. Address:	Mission Avenue and East Myers Street, Oceanside, CA		

SOIL TYPE / TEST LOCATION / BOREHOLE

Soil Type: Silty, Clayey SAND (SC-SM) Hole #: P-2

Location: See Figure 2: Geotechnical Map

Hole Dia: 3.25"

Depth 4'

Tested by: CA Pre-Saturation Date: 11/1/23 Test Date: 11/2/23

Notes: Measurements in 1/100ths of feet (ft)

Time of Day	Interval (min)	Initial Depth to Water (ft)	Final Depth of Water (ft)	Δ in Water Level (ft)	Percolation Rate (inch/hour)	Percolation Rate (min/inch)
8:12-8:42	30.00	2.32	2.50	0.18	4.32	13.89
8:44-9:14	30.00	2.25	2.41	0.16	3.84	15.63
9:15-9:45	30.00	2.26	2.42	0.16	3.84	15.63
9:46-10:16	30.00	2.27	2.45	0.18	4.32	13.89
10:17-10:47	30.00	2.28	2.45	0.17	4.08	14.71
10:48-11:18	30.00	2.26	2.43	0.17	4.08	14.71
11:19-11:49	30.00	2.25	2.42	0.17	4.08	14.71
11:50-12:20	30.00	2.26	2.43	0.17	4.08	14.71
12:21-12:51	30.00	2.27	2.43	0.16	3.84	15.63
12:52-13:22	30.00	2.25	2.41	0.16	3.84	15.63
13:23-13:53	30.00	2.28	2.44	0.16	3.84	15.63
13:54-14:24	30.00	2.26	2.42	0.16	3.84	15.63

Notes: Percolation Rate = 15.63 min/inch or 3.84 inch/hour

APPENDIX B

Form I-8

Leighton
a verdantas company

Categorization of Infiltration Feasibility Condition	Form I-8

Part 1 - Full Infiltration Feasibility Screening Criteria

Would infiltration of the full design volume be feasible from a physical persp ctive without any undesirable consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
1	**Is the estimated reliable infiltration rate below proposed facility locations greater than 0.5 inches per hour?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.	☐	☒

Provide basis:

Based on our field percolation testing, the infiltration rates of the soils at the subject site are less than 0.5 inches per hour. The calculated infiltration rate via the Porchet Method with an applied factor of safety of 2 ranges from 0.056 to 0.075 inches per hour.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.

2	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.	☐	☒

Provide basis:

Infiltration rate is less than 0.5 inches per hour.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.

Form I-8 Page 2 of 4			
Criteria	Screening Question	**Yes**	**No**
3	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of groundwater contamination (shallow water table, storm water pollutants or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☐	☒
Provide basis: Infiltration rate is less than 0.5 inches per hour. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.			
4	**Can infiltration greater than 0.5 inches per hour be allowed without causing potential water balance issues such as change of seasonality of ephemeral streams or increased discharge of contaminated groundwater to surface waters?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☐	☒
Provide basis: Infiltration rate is less than 0.5 inches per hour. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.			
Part 1 Result *	If all answers to rows 1 - 4 are "**Yes**" a full infiltration design is potentially feasible. The feasibility screening category is **Full Infiltration** If any answer from row 1-4 is "**No**", infiltration may be possible to some extent but would not generally be feasible or desirable to achieve a "full infiltration" design. Proceed to Part 2	☐Full Infiltration ☒No	

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

Form I-8 Page 3 of 4

Part 2 – Partial Infiltration vs. No Infiltration Feasibility Screening Criteria

Would infiltration of water in any appreciable amount be physically feasible without any negative consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
5	**Do soil and geologic conditions allow for infiltration in any appreciable rate or volume?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.	☒	☐

Provide basis:

Based on our field percolation testing, the calculated infiltration rates of the soils at the subject site are beetween 0.5 and 0.01 inches per hour, which is currently assumed to be a "partial infiltration" condition. The calculated infiltration rate via the Porchet Method with an applied safety factor of 2 is between 0.056 and 0.075 inches per hour.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

6	**Can Infiltration in any appreciable quantity be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.	☐	☒

Provide basis:

For a "partial infiltration" condition (between 0.5 and 0.01 inches per hour), the risk of geotechnical hazards may be increased by partial infiltration (i.e. location of adjacent underground utilities/structures, and down gradient off site coastal bluff slope.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

Form I-8 Page 4 of 4			
Criteria	Screening Question	**Yes**	**No**
7	**Can Infiltration in any appreciable quantity be allowed without posing significant risk for groundwater related concerns (shallow water table, storm water pollutants or other factors)?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☒	☐
Provide basis: For a "partial infiltration" condition (between 0.5 and 0.01 inches per hour), the risk of groundwater contamination will not be increased by partial infiltration provided there are no contaminated soil or groundwater sites within 250 feet of the proposed infiltration site. In addition, nearby geotechnical data indicates groundwater is greater than 35 feet bgs. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.			
8	**Can infiltration be allowed without violating downstream water rights**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☒	☐
Provide basis: For a "partial infiltration" condition (btw 0.5 and 0.01 inches per hour), violation of downstream water rights is not anticipated based on the site location and that there are no unlined site drainages/creeks/streams within 250 feet of the proposed infiltration site. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.			
Part 2 Result*	If all answers from row 1-4 are yes then partial infiltration design is potentially feasible. The feasibility screening category is **Partial Infiltration.** If any answer from row 5-8 is no, then infiltration of any volume is considered to be **infeasible** within the drainage area. The feasibility screening category is **No Infiltration.**	☐Partial Infiltration ☒No Infiltration	

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

November 13, 2023

Project No. 039.0000019939

To: Ryan Companies US, Inc.
4275 Executive Square, Suite 370
San Diego, California 92037

Attention: Mr. Garrett Faller

Subject: Infiltration Test Results
Oceanside Block 20 Project
Mission Avenue and East Myers Street
Oceanside, California

References: City of Oceanside, 2022, BMP Design Manual, For Permanent Site Design, Storm Water Treatment and Hydromodification Management, dated January 2022.

JNS, 2022, Conceptual Plans, Oceanside Blocks 5 and 20, dated May 26, 2023.

Leighton and Associates, Inc., 2023, Geotechnical Investigation, Oceanside Block 20 Project, Mission Avenue and East Myers Street, Oceanside, California, Project No. 13951.001, draft version dated August 14, 2023.

In accordance with your authorization, this letter presents the results of our field percolation evaluation of the proposed Oceanside Block 20 Project, located north of Mission Avenue and east of North Myers Street in Oceanside, California (Figure 1). The purpose of our study was to evaluate the existing underlying soil conditions and to provide geotechnical recommendations for consideration in the design and construction of proposed Best Management Practices (BMP) improvements in accordance with the City of Oceanside BMP Design Manual (2022). Our Investigation included in-situ field percolation testing.

PROJECT DESCRIPTION

Currently, the site is rectangular in shape, encompasses approximately 1.02 acres of land, and is located north of Mission Avenue and east of North Myers Street in Oceanside, California. In general, the site is bounded by Pier View Way followed by Block 5 to the north, the NCTD Railway to the east, Mission Avenue to the south, and North Myers Street to the west. Currently, the site is developed and occupied by an asphalt paved parking lot. Site topography gently slopes from the east to the west with surface elevations ranging from approximately 41 to 46 feet above mean sea level (msl).

Based on our review of the provided conceptual site plans (JNS, 2022) and our discussions with you, it is our understanding that the existing site improvements will be demolished, and that the proposed redevelopment will consist of an 8-story mixed-use residential building with 2 levels of below grade parking. Additional improvements at the site are anticipated to consist of associated driveways, utilities, landscape, and hardscape.

FIELD PERCOLATION TESTING

In accordance with the City of Oceanside BMP Design Manual, Appendix D, the Borehole Percolation Test Method was selected and performed between November 1 and 2, 2023. Specifically, we advanced two 3.25-inch diameter hand auger borings, P-1 and P-2, to a depth of approximately 4 feet below the existing ground surface (bgs). The approximate locations of the percolation test borings are shown on the attached Figure 2, Location of Field Percolation Tests. Given the test holes consisted of silty and clayey sands, the boreholes were filled with water and allowed to pre-soak for at least 15 hours prior to performing the in-situ percolation testing.

In summary, the in-situ percolation testing was performed in accordance with the City of Oceanside BMP Design Manual, Appendix D. The water level in each test hole was measured at approximately 30-minute intervals using a water level meter, which is accurate to 0.01 feet. Refilling of the boreholes was done as needed. The total testing period lasted approximately 6 hours. The field percolation test results are provided in Appendix A. After logging and testing, the field percolation test locations were backfilled with soil cuttings and capped to match the existing ground surface.

PERCOLATION AND INFILTRATION RATES

Based on our field percolation testing, the in-situ percolation rates and calculated infiltration rates at tested locations and depths are summarized in Table 1 below. It is important to note that percolation rates are not equal to infiltration rates. As a result, we have made a distinction between percolation rates where water movement is considered laterally and vertically versus infiltration rates where only the vertical direction is considered. We have used the Porchet Method to convert measured percolation rates to calculated infiltration rates in accordance with the City of Oceanside BMP Manual (2022). In addition, we have included a recommended infiltration rate with a minimum factor of safety of 2 for the preliminary design of potential infiltration systems. However, this recommended infiltration rate is not geotechnically feasible based on existing geological hazards discussed below.

$$I_t = \frac{\Delta H * 60 * r}{\Delta t(r+2H_{AVG})}$$

Where:

I_t = calculated infiltration rate, inches/hour
ΔH = change in head over the time interval, inches
Δt = time interval, minutes
r = radius of test hole
H_{AVG} = average head over the time interval, inches

Table 1 - Percolation and Infiltration Rates

Perc. Test No.	Bore Depth (ft)	Soil Type	Measured Percolation Rate (mins/in)	Calculated Infiltration Rate (inches/hr)	Recommended Infiltration Rate w/ FS of 2 (inches/hr)
P-1	4	Silty, Clayey Sand	9.6	0.255	0.127
P-2	4	Silty, Clayey Sand	13.9	0.172	0.086

It should be emphasized that the percolation test results are only representative of the tested location and depth where they are performed. Varying subsurface conditions may exist outside of the test locations, which could alter the calculated infiltration rates indicated above.

In addition, it is possible that long term infiltration rates within measured soil strata may be much lower than the values obtained by our current testing. Long term infiltration can be influenced by the following: variable vertical character and limited lateral extent of more permeable soil strata, reduction of permeability rates over time due to silting of the soil pore spaces, and other factors not discussed here. Accordingly, the possibility of future surface ponding of water as well as shallow groundwater impacts on subterranean structures such as recently constructed basements, underground utilities, etc. should be anticipated as possible future conditions in all design aspects of the site.

GEOTECHNICAL FEASIBILITY OF INFILTRATION

From a geotechnical perspective, the following factors should also be considered for the feasibility of infiltration:

Soil and Geologic Conditions

Based on our recent geotechnical investigation (Leighton, 2023) and our current field percolation evaluation, the geologic units underlying the site consist of undocumented artificial fill soils, Quaternary-aged Old Paralic Deposits and Tertiary-aged San Onofre Breccia. Undocumented fill was encountered within our percolation test locations, and in general varies in depth from 2.5 to 3.5 feet bgs based on our previous geotechnical borings (Leighton, 2023). These fill soils generally consist of loose silty sands, which have varying infiltration rates. The Quaternary-aged Old Paralic Deposits, directly below the fill, has low to moderate infiltration rates. It should be noted that the contact of this formation may be gently sloping westward and likely daylights offsite and down gradient, which could result in an offsite seepage condition if site infiltration is utilized and not mitigated by lined BMPs.

Settlement and Volume Change

Based on our evaluation, the on-site soils remaining following construction are not considered susceptible to hydro-collapse or consolidation. Considering planned grading and foundation design measures, settlement potential is considered negligible due to infiltration. Our testing also did not indicate the presence of highly expansive soils. In addition, it is our professional opinion that site soils are not liquefiable due to their dense condition and absence of a shallow ground water.

Slope Stability

The topography of the site slopes slightly to the west with no major slopes on site. However, a coastal bluff slope is located down gradient and may be adversely impacted by site infiltration and the sloping geologic contact between the underlying formations, if not mitigated by lined BMPs.

Utility Considerations

There are currently offsite underground utilities located down gradient of the site. Based on our evaluation, the on-site soils and sloping geologic contact of the underlying formation, site infiltration may adversely impact the existing underground utilities immediately adjacent to the site, if not mitigated by lined BMPs.

Groundwater Mounding

Groundwater was not encountered during our recent geotechnical investigation; however, based on the depth to groundwater at nearby properties, the depth to groundwater at the site is estimated to be approximately +8 feet Mean Sea Level (msl [approximately 38 feet bgs]). Based on the estimated depth of groundwater across the site and the generally very low infiltration rates measured across the project site, groundwater mounding resulting from possible infiltration of storm water may not be considered significant; however, site infiltration may create perched groundwater conditions, if not mitigated by lined BMPs.

Retaining Wall and Foundations

There are existing building, basement, and retaining wall foundations located down gradient of the site. It should be noted that these structures will be adversely impacted by site infiltration given the sloping contact of the underlying Old Paralic Deposits and San Onofre Breccia, if not mitigated by lined BMPs.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of our recent geotechnical investigation for the subject site (Leighton, 2023) and our current infiltration study, the site should be considered a “Non-Infiltration Site” based on the potential for geological hazards and the City of Oceanside BMP Design Manual (2022).

Based on our professional experience, sites having such low infiltration rates and potential geologic hazards are best suited for Low Impact Development (LID) BMPs that contain and filter surface waters by the use of flow-through planters and bioretention areas which are fully lined with an impermeable liner and have subdrain systems that tie into an approved existing or proposed storm drain system.

Surface drainage should be controlled at all times and carefully taken into consideration during precise grading, landscaping, and construction of site improvements. Positive drainage (e.g., roof gutters, downspouts, area drains, etc.) should be provided to direct surface water away from structures and improvements and towards the street or suitable drainage devices. Ponding of water adjacent to structures or pavements should be avoided. Roof gutters, downspouts, and area drains should be aligned so as to transport surface water to a minimum distance of 5 feet away from structures. The performance of structural foundations is dependent upon maintaining adequate surface drainage.

Where possible, surface water should be transported off the site in approved drainage devices or unobstructed swales. We recommend a minimum flow gradient for unpaved drainage within 5 feet of structures of 2 percent sloping away if feasible. All area drain inlets should be maintained and kept clear of debris in order to function properly. In addition, landscaping should not cause any obstruction to site drainage. Rerouting of drainage patterns and/or installation of area drains should be performed, if necessary, by a qualified civil engineer or a landscape architect.

LIMITATIONS

Recommendations contained in this letter are based on our site reconnaissance, background review, and present knowledge of the proposed construction. It is possible that soil conditions vary between or beyond the points explored. If soil conditions are encountered during grading or foundation excavation, which differ from those described in the original geotechnical report, our firm should be notified immediately so that a review may be made and any supplemental recommendations provided.

Our firm has performed our services in substantial accordance with the generally accepted geotechnical engineering practice as it exists in the site area at the time of our study. No warranty is made or intended.

We appreciate the opportunity to be of service on this project. Should you have any questions related to this report, please contact our office at your convenience.

Respectfully submitted,
LEIGHTON AND ASSOCIATES, INC.

Bryan E. Voss, PG 8709
Senior Project Geologist

Steven Norton, PE 90654
Project Engineer

ATTACHMENTS:

Figure 1 - Site Location Map
Figure 2 - Location of Field Percolation Tests
Appendix A - Field Percolation Test Results
Appendix B - Form I-8

Distribution: (1) Digital Copy

FIGURES

Project: 19939	Eng/Geol: SAN/BEV/RCS
Scale: 1 " = 2,000 '	Date: November 2023

Reference: © 2023 Microsoft Corporation © 2023 Maxar ©CNES (2023) Distribution Airbus

Author: (mmurphy)

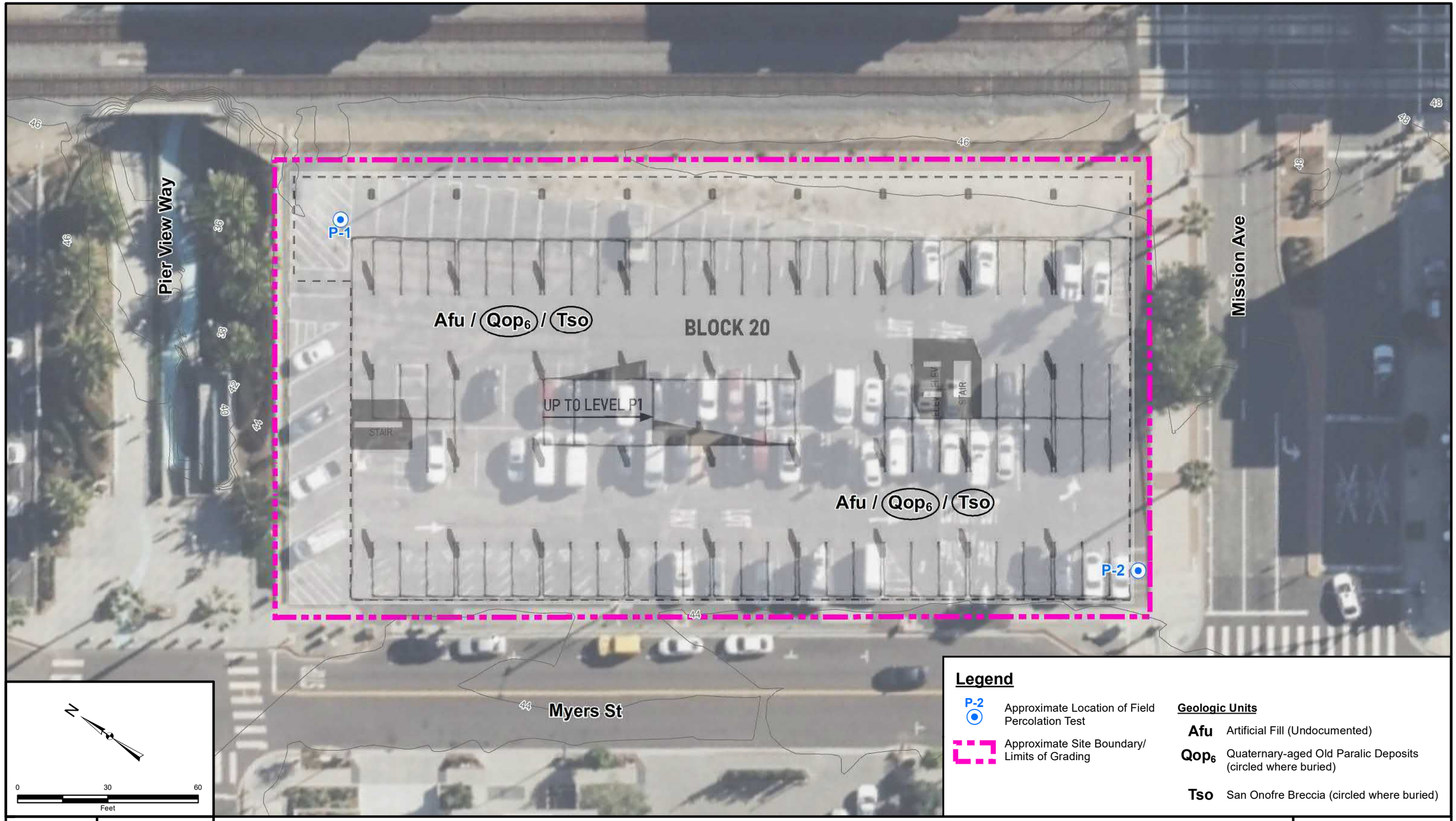
SITE LOCATION MAP

Ryan - Oceanside Block 20
Oceanside, California

FIGURE 1

Leighton

Map Saved as V:\Drafting\19939\Maps\Block 20\11939_F01_SLM-Block20_2023-11-09.mxd on 11/10/2023 11:27:48 AM



Legend

P-2 — Approximate Location of Field Percolation Test

Approximate Site Boundary/ Limits of Grading

Geologic Units

Afu Artificial Fill (Undocumented)

Qop$_6$ Quaternary-aged Old Paralic Deposits (circled where buried)

Tso San Onofre Breccia (circled where buried)

N

0 30 60
Feet

Project: 19939	Eng/Geol: SAN/BEV/RCS
Scale: 1 " = 30 '	Date: November 2023
Base Map: Bing Maps, 2016 2023	
Author: (mmurphy)	

LOCATION OF FIELD PERCOLATION TESTS

Ryan - Oceanside Block 20
Oceanside, California

FIGURE 2

Leighton

Map Saved as V:\Drafting\19939\Maps\Block 20\19939_F02_LFPT-Block20_2023-11-10.mxd on 11/10/2023 11:36:42 AM

APPENDIX A

Field Percolation Test Results

Leighton

FIELD PERCOLATION TEST DATA SHEET

Project Name:	Oceanside Block 20 Project	Project No.:	39.00000199
Proj. Address:	Mission Avenue and East Myers Street, Oceanside, CA		

SOIL TYPE / TEST LOCATION / BOREHOLE

Soil Type: Silty, Clayey SAND (SC-SM) Hole #: P-1

Location: See Figure 2: Geotechnical Map

Hole Dia: 3.25"

Depth 4'

Tested by: CA Pre-Saturation Date: 11/1/23 Test Date: 11/2/23

Notes: Measurements in 1/100ths of feet (ft)

Time of Day	Interval (min)	Initial Depth to Water (ft)	Final Depth of Water (ft)	Δ in Water Level (ft)	Percolation Rate (inch/hour)	Percolation Rate (min/inch)
8:16-8:46	30.00	2.29	2.70	0.41	9.84	6.10
8:49-9:19	30.00	2.27	2.62	0.35	8.40	7.14
9:21-9:51	30.00	2.29	2.59	0.30	7.20	8.33
9:52-10:22	30.00	2.29	2.56	0.27	6.48	9.26
10:24-10:54	30.00	2.28	2.56	0.28	6.72	8.93
10:56-11:26	30.00	2.27	2.55	0.28	6.72	8.93
11:28-11:58	30.00	2.30	2.57	0.27	6.48	9.26
12:00-12:30	30.00	2.28	2.55	0.27	6.48	9.26
12:32-13:02	30.00	2.28	2.55	0.27	6.48	9.26
13:04-13:34	30.00	2.27	2.53	0.26	6.24	9.62
13:36-14:06	30.00	2.29	2.55	0.26	6.24	9.62
14:08-14:38	30.00	2.28	2.54	0.26	6.24	9.62

Notes: Percolation Rate = 9.62 min/inch or 6.24 inch/hour

Leighton

FIELD PERCOLATION TEST DATA SHEET

Project Name:	Oceanside Block 20 Project	Project No.:	39.00000199
Proj. Address:	Mission Avenue and East Myers Street, Oceanside, CA		

SOIL TYPE / TEST LOCATION / BOREHOLE

Soil Type: Silty, Clayey SAND (SC-SM) Hole #: P-2

Location: See Figure 2: Geotechnical Map

Hole Dia: 3.25"

Depth 4'

Tested by: CA Pre-Saturation Date: 11/1/23 Test Date: 11/2/23

Notes: Measurements in 1/100ths of feet (ft)

Time of Day	Interval (min)	Initial Depth to Water (ft)	Final Depth of Water (ft)	Δ in Water Level (ft)	Percolation Rate (inch/hour)	Percolation Rate (min/inch)
8:20-8:50	30.00	2.35	2.59	0.24	5.76	10.42
8:53-9:23	30.00	2.20	2.42	0.22	5.28	11.36
9:25-9:55	30.00	2.29	2.48	0.19	4.56	13.16
9:57-10:27	30.00	2.22	2.41	0.19	4.56	13.16
10:29-10:59	30.00	2.23	2.42	0.19	4.56	13.16
11:01-11:31	30.00	2.25	2.43	0.18	4.32	13.89
11:33-12:03	30.00	2.25	2.44	0.19	4.56	13.16
12:05-12:35	30.00	2.24	2.42	0.18	4.32	13.89
12:37-13:07	30.00	2.26	2.45	0.19	4.56	13.16
13:09-13:39	30.00	2.27	2.45	0.18	4.32	13.89
13:41-14:11	30.00	2.27	2.45	0.18	4.32	13.89
14:13-14:43	30.00	2.28	2.46	0.18	4.32	13.89

Notes: Percolation Rate = 13.89 min/inch or 4.32 inch/hour

APPENDIX B

Form I-8

Leighton
a verdantas company

Categorization of Infiltration Feasibility Condition	Form I-8

Part 1 - Full Infiltration Feasibility Screening Criteria

Would infiltration of the full design volume be feasible from a physical persp ctive without any undesirable consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
1	**Is the estimated reliable infiltration rate below proposed facility locations greater than 0.5 inches per hour?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.	☐	☒

Provide basis:

Based on our field percolation testing, the infiltration rates of the soils at the subject site are less than 0.5 inches per hour. The calculated infiltration rate via the Porchet Method with an applied factor of safety of 2 ranges from 0.086 to 0.172 inches per hour.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.

2	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.	☐	☒

Provide basis:

Infiltration rate is less than 0.5 inches per hour.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.

Form I-8 Page 2 of 4			
Criteria	Screening Question	**Yes**	**No**
3	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of groundwater contamination (shallow water table, storm water pollutants or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☐	☒
Provide basis: Infiltration rate is less than 0.5 inches per hour. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.			
4	**Can infiltration greater than 0.5 inches per hour be allowed without causing potential water balance issues such as change of seasonality of ephemeral streams or increased discharge of contaminated groundwater to surface waters?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☐	☒
Provide basis: Infiltration rate is less than 0.5 inches per hour. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability.			
Part 1 Result *	If all answers to rows 1 - 4 are "**Yes**" a full infiltration design is potentially feasible. The feasibility screening category is **Full Infiltration** If any answer from row 1-4 is "**No**", infiltration may be possible to some extent but would not generally be feasible or desirable to achieve a "full infiltration" design. Proceed to Part 2	☐Full Infiltration ☒No	

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

Form I-8 Page 3 of 4

Part 2 – Partial Infiltration vs. No Infiltration Feasibility Screening Criteria

Would infiltration of water in any appreciable amount be physically feasible without any negative consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
5	**Do soil and geologic conditions allow for infiltration in any appreciable rate or volume?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.	☒	☐

Provide basis:

Based on our field percolation testing, the calculated infiltration rates of the soils at the subject site are beetween 0.5 and 0.01 inches per hour, which is currently assumed to be a "partial infiltration" condition. The calculated infiltration rate via the Porchet Method with an applied safety factor of 2 is between 0.086 and 0.127 inches per hour.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

6	**Can Infiltration in any appreciable quantity be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.	☐	☒

Provide basis:

For a "partial infiltration" condition (between 0.5 and 0.01 inches per hour), the risk of geotechnical hazards may be increased by partial infiltration (i.e. location of adjacent underground utilities/structures, and down gradient off site coastal bluff slope.

Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.

Form I-8 Page 4 of 4			
Criteria	Screening Question	**Yes**	**No**
7	**Can Infiltration in any appreciable quantity be allowed without posing significant risk for groundwater related concerns (shallow water table, storm water pollutants or other factors)?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☒	☐
Provide basis: For a "partial infiltration" condition (between 0.5 and 0.01 inches per hour), the risk of groundwater contamination will not be increased by partial infiltration provided there are no contaminated soil or groundwater sites within 250 feet of the proposed infiltration site. In addition, nearby geotechnical data indicates groundwater is greater than 35 feet bgs. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.			
8	**Can infiltration be allowed without violating downstream water rights**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	☒	☐
Provide basis: For a "partial infiltration" condition (btw 0.5 and 0.01 inches per hour), violation of downstream water rights is not anticipated based on the site location and that there are no unlined site drainages/creeks/streams within 250 feet of the proposed infiltration site. Summarize findings of studies; provide reference to studies, calculations, maps, data sources, etc. Provide narrative discussion of study/data source applicability and why it was not feasible to mitigate low infiltration rates.			
Part 2 Result*	If all answers from row 1-4 are yes then partial infiltration design is potentially feasible. The feasibility screening category is **Partial Infiltration.** If any answer from row 5-8 is no, then infiltration of any volume is considered to be **infeasible** within the drainage area. The feasibility screening category is **No Infiltration.**	☐Partial Infiltration ☒No Infiltration	

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

ATTACHMENT 7
Storm Water Quality Assessment Form

This is the cover sheet for Attachment 7.

City of Oceanside – Engineering Division – Clean Water Program

STORM WATER QUALITY ASSESSMENT FOR PLANNING, ENGINEERING, AND BUILDING PERMIT APPLICATIONS

All applications for Planning, Engineering, or Building Division permits are required to complete this assessment form and include it as part of the initial permit application submittal. Staff will review the permit application content to determine the applicability of State and City storm water requirements. Please note a storm water assessment cannot be provided without a complete permit application package.

Section 1 – Project Information	
Applicant Name: RYAN COMPANIES	Phone Number: 858 - 812 - 7993
Project Name: BLOCKS 5 AND 20	Project Site Address: 200 - 300 NORTH MYERS STREET
Permit Applications Number(s):	Assessor Parcel Number(s): 147 - 370 - 07 - 00
Project Description: 2~7 STORY MIXED - USE BUILDINGS	Project Disturbed Area (square feet): 99,160 (90,250 onsite)
Existing Impervious Area (square feet): 89,244	Created or Replaced Impervious Area (square feet): 93,391 (84,914 onsite)

Section 2 – Identify Applicable Priority Development Project Categories (Check All Boxes that Apply)	
☐	**New Development Project** – A project that creates 10,000 square feet or more of impervious surfaces (collectively over the entire project site). This includes commercial, industrial, residential, mixed-use, and public development projects on public or private land.
☒	**Redevelopment Project** – A project that creates and/or replaces 5,000 square feet or more of impervious surface (collectively over the entire project site on an existing site of 10,000 square feet or more of impervious surfaces). This includes commercial, industrial, residential, mixed-use, and public development projects on public or private land.
☐	**Restaurants** – Category is defined as a facility that sells prepared foods and drinks for consumption, including stationary lunch counters and refreshment stands selling prepared foods and drinks for immediate consumption (SIC code 5812); where new or redevelopment projects create and/or replace 5,000 square feet or more impervious surface (collectively over the entire project site).
☐	**Hillside Development** – Category includes development on any natural slope that is twenty-five percent or greater; where new or redevelopment projects create and/or replace 5,000 square feet or more impervious surface (collectively over the entire project site).
☐	**Parking Lots** – Category is defined as a land area or facility for the temporary parking or storage of motor vehicles used personally, for business, or for commerce; where new or redevelopment projects create and/or replace 5,000 square feet or more impervious surface (collectively over the entire project site).
☐	**Streets, Roads, Highways, Freeways, and Driveways** – Category is defined as any paved impervious surface used for the transportation of automobiles, trucks, motorcycles, and other vehicles; where new or redevelopment projects that create and/or replace 5,000 square feet or more impervious surface (collectively over the entire project site).
☐	**Water Quality Environmentally Sensitive Area** – New or redevelopment projects that create and/or replace 2,500 square feet or more of impervious surface (collectively over the entire project site), and discharge directly to a Water Quality Environmentally Sensitive Area (WQESA). "Discharge directly to" includes flow that is conveyed overland a distance of 200 feet or less from the project to the WQESA, or conveyed in a pipe or open channel any distance as an isolated flow from the project to the ESA (i.e. not commingled with flows from adjacent lands).
☐	**Automotive Repair Shop** – Category is defined as a facility that is categorized in any one of the following Standard Industrial Classification (SIC) codes: 5013, 5014, 5541, 7532-7534, or 7536-7539, where new or redevelopment projects create and/or replace 5,000 square feet or more impervious surface (collectively over the entire project site).
☐	**Retail Gasoline Outlet (RGOs)** – Category includes RGOs that meet the following criteria (a) 5,000 square feet or more or (b) a projected Average Daily Traffic (ADT) of 100 or more vehicles per day; where new or redevelopment projects create and/or replace 5,000 square feet or more impervious surface (collectively over the entire project site).
☐	**Development Projects greater than one acre** – New or redevelopment projects that result in the disturbance of one or more acres of land and are expected to generate pollutants post construction.

STORM WATER QUALITY ASSESSMENT FOR PLANNING, ENGINEERING, AND BUILDING PERMIT APPLICATIONS

Section 3 – Identify Projects Not Subject to Permanent Stormwater Requirements (Check All Boxes that Apply)	
☐	The project consists of work entirely within an existing structure.
☐	The project consists of construction of overhead or underground utilities (no new impervious surfaces).
☐	The project consists of routine maintenance.
☐	The project consists of less than 50 yards of grading and presents no opportunities to improve water quality.
Section 4 – Project Category Determination	
☒	**Priority Development Project**: If any item in Section 2 is applicable, the project is a Priority Development Project. **Please prepare a PDP SWQMP for the project.**
☐	**Standard Development Project**: If none of the items in Section 2 or 3 are applicable, the project is a Standard Development Project. **Please prepare an SDP SWQMP.**
☐	**Project Not Subject to Permanent Stormwater Requirements:** If any item in Section 3 is applicable, the project is not subject to Permanent Stormwater Requirements. **Please submit the project plans with this form.** **Note:** Projects in this category are subject to typical pollution prevention measures outlined by the pollution prevention checklist on the following page.

Section 5 – Applicant Certification	
Name of Responsible Party: Daniel Bertao	Title: VP of Development
Email Address (optional) daniel.bertao@ryancompanies.com	Phone Number: 858.812.7993
I understand and acknowledge the City of Oceanside has adopted minimum requirements, as mandated by the San Diego Regional Water Quality Control Board – Order No. R9-2013-0001, as amended by Order Nos. R9-2015-0001 and R9-2015-0100 (NPDES NO. CAS0109266) for mitigating impacts associated with urban runoff, including storm water from construction and land development activities. I certify this assessment has been accurately completed to the best of my knowledge and is consistent with the proposed project. I acknowledge that non-compliance with the City Best Management Practice (BMP) Design Manual, Grading Ordinance, and Erosion Control Ordinance may result in enforcement action by the City, the California State Water Resources Control Board, and/or the San Diego Regional Water Quality Control Board. Enforcement action may include stop work orders, notice of violation, fines, or other actions.	
Applicant Signature: Daniel Bertao Digitally signed by Daniel Bertao DN: CN=Daniel Bertao Date: 2025.01.27 09:02:08-08'00'	Date: 1.27.2025

Stormwater Pollution Prevention Measures for Projects Not Subject to Permanent Stormwater Requirements

Project Activity	Yes	No	Required Pollution Prevention
Trash & Waste Generation *****REQUIRED FOR ALL PROJECTS*****	☐	☐	• Train/inform all employees of pollution prevention requirements • Collect and contain all construction trash, waste, and debris • Promptly contain and clean any spill on site • Routinely inspect site, remove loose trash and prevent spills • Properly dispose of any hazardous materials • Do not wash down surfaces unless water is collected or directed to landscape • Permanent trash collection areas require full structure/enclosure
Digging of Dirt – excavation, trenching, or grading	☐	☐	• Do not allow dirt to migrate into street, sidewalk, or storm drain • Preserve existing vegetation where feasible • Perimeter site controls such as silt fence or straw wattles • Cover exposed dirt using mulch, tarps, or erosion control devices • Install and secure tarps over dirt piles • Routinely sweep site to remove dirt
Landscaping and Irrigation Systems	☐	☐	• Do not store landscape materials in street • Do not allow dirt to migrate into street, sidewalk, or storm drain • Test irrigation system and prevent runoff/overspray • Install and secure tarps over piles of mulch or soil • Routinely sweep site to remove mulch or soil • Do not wash down surfaces unless water is collected or directed to landscape
Concrete, Paint, Mortar, or Stucco Work	☐	☐	• Contain wet mixing areas within confined area • Do not allow material to travel into site soil, street, or storm drain • Properly dispose of waste material
Temporary Storage of Materials Outside	☐	☐	• Elevate material off ground where possible, such as on pallets • Install and secure tarps over materials
Demolition of Structures	☐	☐	• Follow Required Pollution Prevention for “Digging of Dirt”
New Structure – house addition, shed, etc.	☐	☐	• Follow Required Pollution Prevention for “Digging of Dirt” • Direct downspouts to landscape, where feasible • Consider rainwater harvesting • Preserve existing vegetation and drainage patterns, where feasible
Patio, Driveway, or Sidewalk	☐	☐	• Consider use of pervious pavers or pervious concrete (refer to Section 3 of page 4 for routine maintenance information) • Direct runoff to landscape areas, where feasible
Re-Roofing	☐	☐	• Contain removed roof debris in waste containers • Follow Required Pollution Prevention for “Temporary Storage of Materials Outside”
Washing of Material, Equipment, or Surface	☐	☐	• Do not wash down surfaces unless water is collected or directed to landscape
Draining of Water Heater, Pool, or Spa	☐	☐	• Direct drain water to landscape areas where possible • Contact Stormwater Division if considering draining to sanitary system cleanout or storm drain system (760-643-2804)
Storm Drain at Industrial or Commercial Property	☐	☐	• Install “No Dumping” or similar signage at each storm drain inlet

Completion Guidance

Please note – the Applicant is required to complete and submit this form as part of the project application. For definitions and additional information, please refer to the City of Oceanside BMP Design Manual. For assistance, please contact Development Services Staff at (760) 435-4373.

Section 1 – Project Information

1. Applicant Name – provide name of Individual completing form, i.e. Owner or Owner Representative
2. Phone Number – provide phone number of Individual completing form, i.e. Owner or Owner Representative
3. Project Name – provide project name (consistent with project application)
4. Project Site Address – provide a physical address for the proposed project, or nearest cross street
5. Permit Application Number(s) – provide all applicable permit application numbers
6. Assessor Parcel Number(s) – provide Assessor Parcel Number(s); refer to title documents or contact City Staff for assistance
7. Project Description – provide a brief project description (e.g. single-family dwelling, retail business, repair shop, etc)
8. Project Disturbed Area – provide the disturbed area for the entire project, including onsite and offsite work
9. Existing Impervious Area – provide the total existing impervious area within the property and project boundary
10. Created or Replaced Impervious Area – provide the total area of all newly created or replaced impervious surfaces within the project area

Section 2 – Identify Applicable Priority Development Project Categories

1. Review each category and check the appropriate boxes that apply to your project.
2. General identification of Automotive Repair Shop SIC (Standard Industrial Classifications) as follows:
   5013 – Motor vehicle supplies and new parts, 5014 – Tires and tubes, 5541 – Gasoline service stations, 7532 – Top and body repair, and paint shops, 7533 – Auto exhaust system repair shops, 7534 – Tire retreading and repair shops, 7536 – Automotive glass replacement shops, 7537 – Automotive transmission repair shops, 7538 – General automotive repair shops, 7539 – Automotive repair shops-not elsewhere classified
3. Contact Staff for assistance in determining applicability of the Water Quality Environmentally Sensitive Area (WQESA) category

Section 3 – Identify Projects Not Subject to Permanent Stormwater Requirements

1. Please refer to Page 1-6 of the City of Oceanside BMP Design Manual for a complete list of routine maintenance activities.
2. Activities that expose native subgrade in the process of replacing impervious surfaces, are not considered routine maintenance.

Section 4 – Project Category Determination

1. PDP SWQMP – Priority Development Project Stormwater Quality Management Plan
2. SDP SWQMP – Standard Development Project Stormwater Quality Management Plan
3. Contact Staff for assistance in determining the Project Category

Section 5 – Applicant Certification

1. Name of Responsible Party – provide name of Owner
2. Title of Responsible Party – provide responsible party's title, if applicable
3. Phone Number – provide phone number of Owner
4. Email Address (Optional) – provide email address
5. Applicant Signature – provide signature of Individual completing form, i.e. Owner or Owner Representative
6. Date – provide date current date

GEOTECHNICAL INVESTIGATION
OCEANSIDE BLOCK 5 PROJECT
MISSION AVENUE AND EAST MYERS STREET
OCEANSIDE, CALIFORNIA

DRAFT

Prepared For

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Project Number 13951.001

August 10, 2023

Leighton and Associates, Inc.
A Leighton Group Company

August 10, 2023

Project No. 13951.001

Ryan Companies US, Inc.
4275 Executive Square, Ste. 370
San Diego, California 92037

Attention: Mr. Garrett Faller

Subject: Geotechnical Investigation
Oceanside Block 5 Project
Mission Avenue and East Myers Street
Oceanside, California

In accordance with your request and authorization, we have conducted a geotechnical investigation for the proposed Oceanside Block 5 Project, located at the northeast corner of Peir View Way and North Myers Street in Oceanside, California. We understand that the proposed development will include the development of an 8-story mixed-use residential building with 2 levels of below grade parking. Based on the results of our study, it is our professional opinion that the site is suitable for the proposed development of the project. The accompanying geotechnical report presents a summary of our current investigation and provides geotechnical conclusions and recommendations.

If you have any questions regarding our report, please do not hesitate to contact this office. We appreciate this opportunity to be of service.

Respectfully submitted,
LEIGHTON AND ASSOCIATES, INC.

DRAFT **DRAFT**

Bryan E. Voss, PG 8709
Senior Project Geologist

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TABLE OF CONTENTS

Section Page

1.0 INTRODUCTION 1

1.1 Purpose and Scope of Services 1
1.2 Site Location and Description 1
1.3 Proposed Development 2
1.4 Previous Geotechnical Studies 2

2.0 SUBSURFACE EXPLORATION AND LABORATORY TESTING 3

2.1 Site Investigation 3
2.2 Laboratory Testing 3

3.0 SUMMARY OF GEOTECHNICAL CONDITIONS 4

3.1 Geologic Setting 4
3.2 Site-Specific Geology 4
3.2.1 Undocumented Fill (Afu) 4
3.2.2 Quaternary-aged Old Paralic Deposits (Qop$_6$) 4
3.2.3 Tertiary-aged San Onofre Breccia (Tso) 5
3.3 Geologic Structure 5
3.4 Surface and Groundwater 5
3.5 Engineering Characteristics of On-site Soils 6
3.5.1 Expansion Potential 6
3.5.2 Soil Corrosivity 6
3.5.3 Excavation Characteristics 6
3.5.4 Infiltration 7

4.0 SEISMICITY 8

4.1 Regional Tectonic Setting 8
4.2 Local Faulting 8
4.3 Seismicity 8
4.4 Seismic Hazards 8
4.4.1 Shallow Ground Rupture 8
4.4.2 Mapped Fault Zones 9
4.4.3 Site Class 9
4.4.4 Building Code Mapped Spectral Acceleration Parameters 9
4.5 Secondary Seismic Hazards 10
4.5.1 Liquefaction and Dynamic Settlement 10
4.5.2 Lateral Spread 10
4.5.3 Tsunamis and Seiches 10
4.6 Landslides 11
4.7 Flood Hazard 11

5.0 CONCLUSIONS 12

6.0 RECOMMENDATIONS 14

6.1 Earthwork 14
6.1.1 Site Preparation 14
6.1.2 Excavations and Oversize Material 14

DRAFT

6.1.3 Remedial Grading 14
6.1.4 Transition and Overexcavation Areas 15
6.1.5 Fill Placement and Compaction 15
6.1.6 Expansive Soils and Selective Grading 16
6.1.7 Utility Trench Excavation and Backfill 16
6.2 TEMPORARY EXCAVATIONS 17
6.3 FOUNDATION AND SLAB CONSIDERATIONS 17
6.3.1 Foundations 17
6.3.2 Foundation Setback 18
6.3.3 Slab Design 19
6.3.4 Moisture Conditioning 19
6.3.5 Lateral Earth Pressures and Retaining Wall Design 20
6.4 SHORING OF EXCAVATIONS 21
6.5 MONITORING OF SHORING 23
6.6 DESIGN GROUNDWATER ELEVATION 24
6.7 DEWATERING 24
6.8 CONCRETE FLATWORK 24
6.8.1 Pervious Pavements 24
6.9 PRELIMINARY PAVEMENT DESIGN 25
6.10 GEOCHEMICAL CONSIDERATIONS 26
6.11 LOW IMPACT DEVELOPMENT (LID) MEASURES AND INFILTRATION 26
6.12 SURFACE DRAINAGE AND EROSION 26
6.13 CONSTRUCTION OBSERVATION AND PLAN REVIEWS 27
7.0 LIMITATIONS 29

DRAFT

List of Tables, Figures and Appendices

TABLES

Table 1 - 2022 CBC Mapped Spectral Acceleration Parameters - Page 9
Table 2 - Maximum Slope Ratios - Page 15
Table 3 - Minimum Foundation Setback from Slope Faces - Page 18
Table 4 - Presoaking Recommendations - Page 20
Table 5 - Static Equivalent Fluid Weight (pcf)- Page 20
Table 6 - Preliminary Pavement Sections Faces - Page 25

FIGURES

Figure 1 - Site Location Map - Rear of Text
Figure 2 - Geotechnical Map - Rear of Text
Figure 3 - Geologic Cross Sections A-A' and B-B' - Rear of Text

APPENDICES

Appendix A - References
Appendix B - Boring Logs
Appendix C - Laboratory Testing Procedures and Test Results
Appendix D - General Earthwork and Grading Specifications For Rough Grading

1.0 INTRODUCTION

We recommend that all individuals utilizing this report read the proceeding information sheet prepared by the Geoprofessional Business Association (GBA) and the Limitations Section 7.0, located at the end of this report.

1.1 Purpose and Scope of Services

This report presents the results of our geotechnical investigation for the proposed Oceanside Block 5 Project, located north of Peir View Way and east of North Myers Street in Oceanside, California (Figure 1). The intent of this report is to provide specific geotechnical conclusions and recommendations for the currently proposed residential development. Specifically, our scope of services included:

- Review of available pertinent, published and unpublished geotechnical literature and maps. References cited are listed in Appendix A;
- Field reconnaissance of the existing on-site geotechnical conditions;
- Subsurface exploration consisting of the excavation, logging, and sampling of four geotechnical borings. The boring logs are presented in Appendix B and approximate boring locations are shown on Figure 2;
- Laboratory testing of representative soil samples obtained from the subsurface exploration program. Results of these tests are provided in Appendix C;
- Assessment of geologic hazards;
- Development of seismic design parameters based on the 2022 California Building Code (CBC);
- Compilation and analysis of the geotechnical data obtained from the field investigation and laboratory testing; and
- Preparation of this report presenting our findings, conclusions, and geotechnical recommendations with respect to the proposed geotechnical design, and general construction considerations.

1.2 Site Location and Description

The site is rectangular in shape, encompasses approximately 1.05 acres of land, and is located north of Peir View Way and east of North Myers Street in Oceanside, California. In general, the site is bounded by residential developments to the north, the NCTD Railway to the east, Pier View Way followed by Block 20 to the south, and North Myers Street to the west. Currently, the site is developed and occupied

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by an asphalt paved parking lot. Site topography gently slopes from the east to the west with surface elevations ranging from approximately 42 to 45 feet above mean sea level (msl).

Generalized Site Latitude and Longitude
33.1957 º N
-117.3831 º W

1.3 Proposed Development

Based on our review of the provided conceptual site plans (JNS, 2022) and our discussions with you, it is our understanding that the existing site improvements will be demolished, and that the proposed redevelopment will consist of an 8-story mixed-use residential building with 2 levels of below grade parking. Preliminary grading and foundation plans or structural loads were not available prior to the preparation of this report. Currently, we are assuming that the subsurface parking and above ground levels will be constructed of reinforced concrete and wood frame construction, respectively. Additional improvements at the site are anticipated to consist of associated driveways, utilities, landscape, and hardscape.

1.4 Previous Geotechnical Studies

As background, it should be noted that Leighton has performed geotechnical investigations and construction observation services for nearly all the surrounding properties (i.e., formerly referred to as Blocks: 16, 17, 18, 19, and Parking Lot 23). The information provided in these reports was reviewed in preparation of this current Geotechnical Investigation report.

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2.0 SUBSURFACE EXPLORATION AND LABORATORY TESTING

2.1 Site Investigation

Our subsurface exploration, performed on July 6, 2023, consisted of excavating four (4) 8-inch diameter geotechnical borings (B-1 through B-4) to depths between approximately 30½ to 31 feet below the existing ground surface (bgs). The geotechnical borings were drilled using a heavy-duty truck mounted hollow-stem auger drill rig and was performed within the limits of the proposed project site to characterize the on-site soils, including those likely to be encountered at and below the proposed foundation elevations for this project. Prior to drilling, we marked the proposed boring location and notified Underground Service Alert (USA) to identify buried utilities. In addition, a private utility locator was subcontracted in order to provide additional clearance for utilities.

During the exploration operation, a geologist from our firm prepared geologic logs and collected bulk and relatively undisturbed samples for laboratory testing and evaluation. Disturbed standard penetration test (SPT) and relatively undisturbed split-barrel soil sampling using a 140-pound automatic-trip hammer free falling 30-inches were performed in accordance with ASTM D 1586 and ASTM D 3550, respectively. After logging, the borings were backfilled with the previously excavated soil cuttings and the surface capped with Aquaphalt. The boring logs are provided in Appendix B and the approximate location of the borings are shown on Figure 2.

2.2 Laboratory Testing

Laboratory testing performed on representative soil samples obtained during our subsurface exploration included tests of moisture and density, direct shear, expansion index, particle size analysis, and geochemical analysis for corrosion. A discussion of the laboratory tests conducted and a summary of the laboratory test results are presented in Appendix C. In-situ moisture and density test results are provided on the boring logs (Appendix B).

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3.0 SUMMARY OF GEOTECHNICAL CONDITIONS

3.1 Geologic Setting

The project area is situated in the Peninsular Ranges Geomorphic Province. This geomorphic province encompasses an area that extends approximately 900 miles from the Transverse Ranges and the Los Angeles Basin south to the southern tip of Baja California and varies in width from approximately 30 to 100 miles (Norris and Webb, 1990). The province is characterized by mountainous terrain on the east composed mostly of Mesozoic igneous and metamorphic rocks, and relatively low-lying coastal terraces to the west underlain by late Cretaceous-age, Tertiary-age, and Quaternary-age sedimentary units. Most of the coastal region of the County of San Diego, including the site, occur within this coastal region and are underlain by sedimentary units. Specifically, the site is located within the coastal plain section of the Peninsular Range Geomorphic Province of California, which generally consists of subdued landforms underlain by sedimentary bedrock.

3.2 Site-Specific Geology

Based on our subsurface exploration, and review of pertinent geologic literature and maps (Appendix A), the geologic units underlying the site consist of surficial units of undocumented artificial fill materials overlying Quaternary-aged Old Paralic Deposits, which in turn overlies the Tertiary-aged San Onofre Brecia. The approximate aerial distributions of those units are shown on the Geotechnical Map (Figure 2). A brief description of the geologic units encountered on the site is presented below. The approximate vertical distribution of geologic units underlying the site are shown on Geologic Cross-Sections A-A' and B-B' (Figure 3).

3.2.1 Undocumented Fill (Afu)

As encountered in our subsurface explorations, the undocumented fill soils were observed across the entire site ranging between approximately 3 to 5 feet in thickness. Localized deeper unknown fills associated with past development may exist across the site. An as-graded report was not available for our review, and it is assumed that no engineering observations of these fill soils were provided at the time of grading. As encountered in the excavations, the fill soils generally consist of loose, reddish brown to dark reddish brown, moist, silty sand with trace amounts of fine gravel.

3.2.2 Quaternary-aged Old Paralic Deposits (Qop_6)

Underlying the existing undocumented artificial fill soils, Quaternary-aged Old Paralic Deposits were encountered at depths ranging between

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approximately 3 to 22 feet bgs. As encountered, these deposits generally consist of reddish brown to dark reddish brown, brown to strong brown, light yellowish brown to yellowish brown, medium dense to very dense, moist, friable poorly-graded sands to silty sands.

3.2.3 Tertiary-aged San Onofre Breccia (Tso)

Underlying the Quaternary-aged Old Paralic Deposits, the formational material consisting of the Tertiary-aged San Onofre Breccia was encountered at depths ranging between approximately 20 to 31 feet bgs. As encountered, the San Onofre Breccia generally consists of angular to sub-angular gravels and cobbles up to 12" in diameter with a moderate to well cemented, very dense, light brownish gray to gray and brown to light yellowish brown silty soil matrix. Importantly, very dense Breccia and oversize material within the Breccia should be anticipated during shoring excavations which may require breaking and alternate drilling methods.

3.3 Geologic Structure

Based on the results of our current investigation, literature review, and our professional experience on nearby sites, the Old Paralic Deposits and San Onofre Breccia are generally massive with no well-defined bedding.

3.4 Surface and Groundwater

No indication of surface water or evidence of surface ponding was encountered during our geotechnical investigation at the site. However, surface water may drain as sheet flow across the site during rainy periods.

Although groundwater was not encountered during our explorations, localized perched water may be encountered seasonally along geological contacts. Importantly, based on the depth to groundwater at nearby properties, the depth to groundwater at the site is estimated to be approximately +8 feet Mean Sea Level (msl [approximately 38 feet bgs]).
In summary, considering the estimated depth of the proposed subsurface parking basement with foundations approximately 20 to 25 feet bgs, groundwater is not expected to impact the proposed development. However, localized perched groundwater may be encountered during soldier pile excavations for subsurface shoring. In addition, seepage conditions may locally be encountered after periods of heavy rainfall or irrigation. These conditions can be treated on an individual basis during construction if they occur.

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3.5 Engineering Characteristics of On-site Soils

Based on the results of our laboratory testing of representative on-site soils, and our professional experience on similar sites with similar soils conditions, the engineering characteristics of the on-site soils are discussed below.

3.5.1 Expansion Potential

Based on our field observations, experience at nearby sites, and subsurface investigation, generally low expansive soils are anticipated at this site. However, localized more expansive soils may be encountered during grading. Nevertheless, expansive soils are not anticipated to impact the proposed site development.

3.5.2 Soil Corrosivity

A screening of the onsite materials for corrosivity was performed to evaluate their potential effect on concrete and ferrous metals. The corrosion potential was evaluated using the results of laboratory testing on one representative soil sample obtained during our subsurface evaluation.

Laboratory testing was performed to evaluate pH, minimum electrical resistivity, and chloride and soluble sulfate content. The sample tested had a measured pH of 7.53 and a measured minimum electrical resistivity of 6,540 ohm-cm. The test results also indicated that the sample had a chloride content of 40 parts per million (ppm) and a soluble sulfate content of 169 ppm.

3.5.3 Excavation Characteristics

The site is underlain by undocumented fill and Old Paralic Deposits which consists of silty to poorly-graded sands with localized zones of cobble and gravel. At depth, the site is underlain by San Onofre Breccia which consists of silty gravel with sand and variable amounts of cobble. With regards to the proposed project, it is anticipated that the fill materials and Paralic Deposits can be excavated with conventional heavy-duty construction equipment. However, excavations within the San Onofre Breccia may encounter moderately to strongly cemented material that can be difficult to excavate during basement and shoring construction. If encountered, heavy ripping or breaking may be needed during the excavation of moderately to strongly cemented conglomerate material. Caving and sloughing should be anticipated in zones of poorly graded sands and friable sandstone and gravel/cobble during shoring and foundation excavations. Oversize cobble

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material (typically over 6 inches in maximum dimension) should be anticipated in the Old Paralic Deposits and the San Onofre Breccia. Oversize cobble material should be placed in non-structural areas or hauled off-site.

3.5.4 Infiltration

No field percolation tests have been performed at the project site. However, based on the presence of existing adjacent underground utilities and existing settlement sensitive improvements and fills up to five feet in thickness, the site is not considered feasible for infiltration and is therefore categorized as a “No Infiltration” site.

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4.0 SEISMICITY

4.1 Regional Tectonic Setting

The site is located within the Peninsular Ranges Geomorphic Province, which is traversed by several major active faults. The Whittier-Elsinore, San Jacinto, and the San Andreas faults are major active fault systems located east to northeast of the site, and the Rose Canyon, Newport-Inglewood (offshore), and Coronado Bank are active faults located west to southwest of the site (Jennings, 2010). The primary seismic risk to the site area is the Newport-Inglewood Fault Zone located approximately 3.8 miles west of the site (USGS, 2008).

4.2 Local Faulting

The California Geologic Survey (CGS, 2007) defines a Holocene-active fault as a fault which has "had surface displacement within Holocene time (about the last 11,700 years)." Our review of available geologic literature (Appendix A) indicates that there are no known pre-Holocene or Holocene-active faults transecting the site. The site is also not located within any State mapped Earthquake Fault Zones or County of San Diego mapped fault zones. The nearest active fault is the Newport-Inglewood Fault Zone located approximately 3.8 miles west of the site (USGS, 2008).

4.3 Seismicity

The site is considered to lie within a seismically active region, as is all of Southern California. As previously mentioned above, the Newport-Inglewood Fault Zone is located approximately 3.8 miles west of the site is considered the 'active' fault having the most significant effect at the site from a design standpoint.

4.4 Seismic Hazards

Severe ground shaking is most likely to occur during an earthquake on one of the regional active faults in Southern California. The effect of seismic shaking may be mitigated by adhering to the California Building Code or state-of-the-art seismic design parameters of the Structural Engineers Association of California.

4.4.1 Shallow Ground Rupture

As mentioned above, no pre-Holocene or Holocene-active faults are mapped crossing or projecting toward the site. Due to the absence of faults at the site, surface rupture from faulting is considered low.

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4.4.2 Mapped Fault Zones

The site is not located within a State mapped Earthquake Fault Zone (EFZ), nor is it located within a County of San Diego Fault Zone. As previously discussed, the site is not underlain by known faults.

4.4.3 Site Class

Utilizing 2022 California Building Code (CBC) procedures, we have characterized the site soil profile to be Site Class C based on boring exploration blow counts and on our experience with similar sites in the project area and the results of our subsurface evaluation.

4.4.4 Building Code Mapped Spectral Acceleration Parameters

The effect of seismic shaking may be mitigated by adhering to the California Building Code and state-of-the-art seismic design practices of the Structural Engineers Association of California. Provided in Table 1 are the spectral acceleration parameters for the project determined in accordance with the 2022 CBC (CBSC, 2022) and SEAOC/OSHPD Seismic Design Maps Web Application (2022).

Table 1
2022 CBC Mapped Spectral Acceleration Parameters

Site Class	C		
Site Coefficients	F_a F_v	= =	1.2 1.5
Mapped MCE Spectral Accelerations	S_S S_1	= =	1.073g 0.391g
Site Modified MCE Spectral Accelerations	S_{MS} S_{M1}	= =	1.2g 0.587g
Design Spectral Accelerations	S_{DS} S_{D1}	= =	0.858g 0.391g

Utilizing ASCE Standard 7-16, in accordance with Section 11.8, the following additional parameters for the peak horizontal ground acceleration are associated with the Geometric Mean Maximum Considered Earthquake (MCE_G). The mapped MCE_G peak ground acceleration (PGA) is 0.472g for the site. For a Site Class C, the F_{PGA} is 1.2 and the mapped peak ground acceleration adjusted for Site Class effects (PGA_M) is 0.567g for the site.

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Since the mapped spectral response at 1-second period is less than 0.75g, then all structures subject to the criteria in Section 1613.2.5 of the 2022 CBC are assigned Seismic Design Category D.

4.5 Secondary Seismic Hazards

In general, secondary seismic hazards can include soil liquefaction, seismically-induced settlement, lateral displacement, surface manifestations of liquefaction, landsliding, seiches, and tsunamis. The potential for secondary seismic hazards at the site is discussed below.

4.5.1 Liquefaction and Dynamic Settlement

Liquefaction and dynamic settlement of soils can be caused by strong vibratory motion due to earthquakes. Both research and historical data indicate that loose, saturated, granular soils are susceptible to liquefaction and dynamic settlement. Liquefaction is typified by a loss of shear strength in the affected soil layer, thereby causing the soil to behave as a viscous liquid. This effect may be manifested by excessive settlements and sand boils at the ground surface.

Based on our evaluation, the on-site soils are not considered liquefiable due to their very dense condition and absence of a shallow groundwater condition. Considering planned grading and foundation design measures, dynamic settlement potential is also considered negligible.

4.5.2 Lateral Spread

Empirical relationships have been derived (Youd et al., 1999) to estimate the magnitude of lateral spread due to liquefaction. These relationships include parameters such as earthquake magnitude, distance of the earthquake from the site, slope height and angle, the thickness of liquefiable soil, and gradation characteristics of the soil.

Based on the low susceptibility to liquefaction and the formational material units underlying the site, the possibility of earthquake-induced lateral spread is considered to be low for the site.

4.5.3 Tsunamis and Seiches

Based on our review of the San Diego County Tsunami Inundation Map for Emergency Planning, Oceanside/San Luis Rey Quadrangle, (CalEMA, 2009), the favorable geologic and seismic conditions along the coastline,

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and site elevation, there is little potential for catastrophic damage due to tsunamis.

4.6 Landslides

Several formations within the San Diego region are particularly prone to landsliding. These formations generally have high clay content and mobilize when they become saturated with water. Other factors, such as steeply dipping bedding that project out of the face of the slope and/or the presence of fracture planes, will also increase the potential for landsliding.

No landslides or indications of deep-seated landsliding were indicated at the site during our current field exploration or our review of available geologic literature, topographic maps, and stereoscopic aerial photographs (Appendix A). Furthermore, our field explorations and local geologic maps indicate the site is generally underlain by favorable oriented geologic structure, consisting of massively bedded sandstone and conglomerate. Therefore, the potential for significant landslides or large-scale slope instability at the site is considered low.

4.7 Flood Hazard

According to a Federal Emergency Management Agency (FEMA) flood insurance rate map (FEMA, 2019); the site is not located within a floodplain. In addition, the site is not located downstream of a dam or within a dam inundation area based on our review of topographic maps. Therefore, the potential for flooding of the site is considered very low.

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5.0 CONCLUSIONS

Based on the results of our geotechnical investigation of the site, it is our opinion that the proposed development is feasible from a geotechnical standpoint, provided the following conclusions and recommendations are incorporated into the project plans and specifications. The following is a summary of the significant geotechnical factors that we expect may affect the development of the site.

- As the site is located in the seismically active southern California area, all structures should be designed to tolerate the dynamic loading resulting from seismic ground motions.
- Holocene-active or pre-Holocene active faults do not transect and do not project toward the site. The closest Holocene-active fault is the Newport-Inglewood Fault Zone located approximately 3.8 miles west of the site.
- Excavations at the site will require temporary shoring to facilitate construction of the subsurface levels and to reduce the potential vertical and horizontal ground movements (i.e., damage) beneath the existing public streets and adjacent improvements.
- The undocumented fill soils onsite are potentially compressible. These soils are not considered suitable for structural loads or support of engineered fill soils or site improvements in their present condition. We anticipate that these materials will be removed during the proposed basement excavation. If not removed, the undocumented fill materials should be remediated in accordance with Section 6 of this report.
- The existing onsite soils appear to be suitable for reuse as fill provided they are relatively free of organic material, debris, and rock fragments larger than 6 inches in maximum dimension.
- Based on the results of our subsurface exploration, we anticipate that the undocumented fill materials and Old Paralic Deposits should be generally rippable with conventional heavy-duty earthwork equipment. However, heavy ripping and/or breaking within the San Onofre Breccia may be required during shoring and foundation excavations. It should be noted that gravel and cobble layers, as well as cemented concretionary zones, exist within the underlying formational materials that may impede drilling for shoring.

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Caving and sloughing of excavations with poorly graded sands, friable sandstone, and gravel/cobble layers should also be anticipated in those zones. In addition, unknown items such as buried concrete footings left from previous site development should be anticipated.

- Based on our experience with similar sites within the vicinity and the results of our exploration of the site, excavations within the underlying soil materials may encounter zones of poorly graded cohesionless and friable sands that will likely cave or slough during site excavation. In these cases, care should be taken, which may include excavating shorter open-face segments.

- Based on laboratory testing and visual classification, materials derived from the on-site materials have a very low expansion potential, although locally more expansive materials may be encountered.

- Groundwater was not encountered during our investigation, nor is groundwater anticipated to be encountered during site excavation and construction except as possible seepage during/after episodes of precipitation or in areas of irrigation.

- Although Leighton does not practice corrosion engineering, laboratory test results indicate the soils present on the site have a negligible potential for sulfate attack on normal concrete. In addition, the onsite soils are considered to not have a corrosive potential to buried uncoated ferrous metals. We recommend that a corrosion engineer may be retained to design corrosion protection systems and to evaluate the appropriate concrete properties for the project.

- Based on the results of our geotechnical study, we do not recommend the practice of surface water infiltration into near surface soils at the site due to the proximity of numerous settlement sensitive improvements, along with the dense nature of the underlying materials.

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6.0 RECOMMENDATIONS

6.1 Earthwork

We anticipate that earthwork at the site will consist of site preparation, installation of shoring, excavation, and placement of backfill. We recommend that earthwork on the site be performed in accordance with the following recommendations and the General Earthwork and Grading Specifications for Rough Grading included in Appendix D. In case of conflict, the following recommendations shall supersede those in Appendix D.

6.1.1 Site Preparation

Prior to grading, all areas to receive structural fill or engineered structures should be cleared of surface and subsurface obstructions, including any existing debris and undocumented or loose fill soils, and stripped of vegetation. Removed vegetation and debris should be properly disposed off-site. All areas to receive fill and/or other surface improvements should be scarified to a minimum depth of 6 inches, brought to above-optimum moisture conditions, and recompacted to at least 90 percent relative compaction (based on ASTM Test Method D 1557).

6.1.2 Excavations and Oversize Material

Excavations of the onsite materials may generally be accomplished with conventional heavy-duty earthwork equipment. However, local heavy ripping or breaking may be required if cemented formational material is encountered.

Surficial soils present on site may cave during trenching operations. In accordance with OSHA requirements, excavations deeper than 5 feet should be shored or be laid back in accordance with Section 6.2 if workers are to enter such excavations. Shoring recommendations are presented in Section 6.4.

6.1.3 Remedial Grading

Undocumented fill soils not removed by the planned grading should be excavated, moisture-conditioned, and then compacted prior to placing any additional fill or improvements (such as flatwork, etc.). In areas surrounding the planned excavation that receive fill or other surface improvements, these soils should be removed down to competent Old Paralic Deposits and recompacted to proposed grades. The thickness of these soils may vary

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across the site and may be locally deeper in certain areas. Also, the contractor should note that, as typical in areas of redevelopment, buried septic systems and/or foundations may be encountered which may necessitate deeper removals or other remedial grading/excavation.

6.1.4 Transition and Overexcavation Areas

Although not anticipated, in order to reduce the potential for differential settlements between cut and fill materials, the entire cut portion of cut/fill transitions beneath any proposed buildings and/or structures should be overexcavated to a minimum depth of 3 feet below finish grade, or to a maximum ratio of fill thickness of 3:1 (maximum to minimum) and replaced with compacted fill. The recommended overexcavation should extend at least 5 feet beyond the proposed footprint of the buildings and/or structures.

6.1.5 Fill Placement and Compaction

The onsite soils are generally suitable for use as compacted fill provided they are free of organic material, debris, and rock fragments larger than 6 inches in maximum dimension. Note that soils with a medium expansion index (EI > 50), if encountered, should be placed a minimum of 5 feet below proposed finish grade or at least 4 feet below the bottom of any proposed foundation, whichever is greater. All fill soils should be brought to at least 3 percent optimum moisture conditions (i.e., depending on the soil types) and compacted in uniform lifts to at least 90 percent relative compaction based on laboratory standard ASTM Test Method D 1557; and 95 percent relative compaction for wall backfill soils or when wall backfill soils are used for structural purposes (such as to support a footing, wall, etc.).
The optimum lift thickness required to produce a uniformly compacted fill will depend on the type and size of compaction equipment used. In general, fill should be placed in lifts not exceeding 8 inches in thickness.

In vehicle pavement areas, the upper 12 inches of subgrade soils should be scarified then moisture conditioned to a moisture content above optimum content and compacted to 95 percent or more relative to the maximum laboratory dry density, as evaluated by ASTM D 1557.

Placement and compaction of fill should be performed in general accordance with current City of Oceanside grading ordinances, California Building Code and sound construction practices, these recommendations,

DRAFT

and the General Earthwork and Grading Specifications for Rough Grading presented in Appendix D.

6.1.6 Expansive Soils and Selective Grading

It is not anticipated that highly expansive soils will be encountered during site grading. We anticipate that the cuts for the structure will be excavated into material that has a very low potential for expansion. Expansion testing should be performed on the finish grade soils to verify their expansion potential. If highly expansive soils are present within 5 feet of finish grade at the surface, specific foundation, slab-on-grade, and flatwork recommendations will be required.

6.1.7 Utility Trench Excavation and Backfill

All excavation work should comply with the current requirements of OSHA. Trenches (either open or backfilled) which parallel structures, pavements, or flatwork should be planned so that they do not extend below a plane having a downward slope of one vertical and two horizontal from a line nine inches above the bottom edge of footings, pavements, or flatwork. Also, no parallel trenches should be closer than 1½ feet from the closest edge of footings, pavements, or flatwork. Should it be necessary to locate parallel trenches which do not meet the criteria recommended above for footings at conventional depth, we recommend that the footing depths be increased until the criteria are met.

A check should be made by the civil designer to verify that all trenches comply with the setback recommendations of this paragraph. If there are special cases where these requirements are not practical, the civil designer should communicate with the project geotechnical engineer and architect on a case-by-case basis.

Pipe bedding should consist of sand with a sand equivalent (SE) of not less than 30. Bedding should be extended the full width of the trench for the entire pipe zone, which is the zone from the bottom of the trench, to one foot above the top of the pipe. The sand should be brought up evenly on each side of the pipe to avoid unbalanced loads. Onsite materials will probably not meet bedding requirements. Except for predominantly clayey soils, the onsite soils may be used as trench backfill above the pipe zone provided they are free of organic matter and have a maximum particle size of three inches. Compaction by jetting or flooding is not recommended.

DRAFT

6.2 Temporary Excavations

Sloping excavations may be utilized when adequate space allows. Based on the results of our evaluation, we provide the following recommendations for sloped excavations in competent fill soils or competent formational materials without seepage conditions.

Table 2
Maximum Slope Ratios

Excavation Depth (feet)	Maximum Slope Ratio In Fill Soils	Maximum Slope Ratio In Competent Formation
0 to 5	1:1 (Horizontal to Vertical)	Vertical
5 to 20	1.5:1 (Horizontal to Vertical)	1:1 (Horizontal to Vertical)

The above values are based on the assumption that no surcharge loading or equipment is present within 10 feet of the top of slope. Care should be taken during design of excavations adjacent to the existing structures so that foundation support is preserved. A "competent person" should observe the slope on a daily basis for signs of instability.

6.3 Foundation and Slab Considerations

Foundations and slabs should be designed in accordance with structural considerations and the following recommendations. These recommendations assume that the soils encountered within 5 feet of pad grade have a very low to medium potential (i.e. expansion index <70) for expansion. If highly expansive soils are encountered, additional foundation design may be necessary.

6.3.1 Foundations

Based on the current site conditions, we recommend the proposed buildings and/or structures be supported by conventional footings on undisturbed competent native soils. For conventional continuous or isolated spread footings, a maximum allowable bearing pressure of 4,500 pounds per square foot (psf) is recommended. Footings should extend a minimum of 24 inches beneath the lowest adjacent soil grade. The allowable pressure may be increased by one-third when considering loads of short duration such as wind or seismic forces. The minimum recommended width of footings is 18 inches for continuous footings and 24 inches for square or round footings. Continuous footings should be designed in accordance with the structural engineer requirements and have a minimum reinforcement of

DRAFT

four No. 5 reinforcing bars (two top and two bottom). Reinforcement of isolated footings should be per the structural engineer's design.

The recommended allowable bearing capacities are based on a maximum total and differential settlement of 1 inch and 3/4 of an inch, respectively, with all footings founded in competent artificial fill material. Since settlements are a function of footing size and contact bearing pressures, some differential settlement can be expected between adjacent columns or walls where a large differential loading condition exists.

6.3.2 Foundation Setback

We recommend a minimum horizontal setback distance from the face of slopes and retaining walls for all structural foundations, footings, and other settlement-sensitive structures as indicated on the Table 3 below. This distance is measured from the outside bottom edge of the footing, horizontally to the slope face, and is based on the slope height.
However, the foundation setback distance may be revised by the geotechnical consultant on a case-by-case basis if the geotechnical conditions are different than anticipated.

Table 3
Minimum Foundation Setback from Slope Faces

Slope Height	Setback
less than 5 feet	5 feet
5 to 15 feet	7 feet
15 to 30 feet	10 feet

Please note that the soils within the structural setback area possess poor lateral stability, and improvements (such as retaining walls, sidewalks, fences, pavements, etc.) constructed within this setback area may be subject to lateral movement and/or differential settlement.

Potential distress to such improvements may be mitigated by providing a deepened footing or a grade beam foundation system to support the improvement. Depending on their proximity to the top of slopes, these structures may require retaining walls and/or deepened foundations.

DRAFT

In addition, open or backfilled utility trenches that parallel or nearly parallel structure footings should not encroach within an imaginary 1:1 (horizontal to vertical) downward sloping line starting 9 inches above the bottom edge of the footing and should also not be located closer than 18 inches from the face of the footing. Deepened footings should meet the setbacks as described above. Also, over-excavation should be accomplished such that deepening of footings to accomplish the setback will not introduce a cut/fill transition bearing condition.

Where pipes may cross under footings, the footings should be specially designed. Pipe sleeves should be provided where pipes cross through footings or footing walls and sleeve clearances should provide for possible footing settlement, but not less than 1 inch around the pipe.

6.3.3 Slab Design

Slabs-on-grade floors should be reinforced with reinforcing bars placed at mid-height in the slab. Slabs should have crack joints at spacing designed by the structural engineer. Columns should be structurally isolated from slabs. Slabs should be a minimum of 5 inches thick and reinforced with No. 3 rebars at 18 inches on center or No. 4 rebars at 24 inches on center (each way). The slab should be underlain by a 4-inch layer of clean sand or pea gravel. A moisture barrier should be placed above the sand layer if reduction of moisture vapor up through the concrete slab is desired. If additional loading is anticipated (i.e., basement floor slab with traffic loading), a slab thickness of at least 6 inches with reinforcement should be used.

6.3.4 Moisture Conditioning

The slab subgrade soils underlying the foundation systems should be presoaked in accordance with the recommendations presented in Table 4 prior to placement of the moisture barrier and slab concrete. The subgrade soil moisture content should be checked by a representative of Leighton prior to slab construction.

Presoaking or moisture conditioning may be achieved in a number of ways. But based on our professional experience, we have found that minimizing the moisture loss on pads that have been completed (by periodic wetting to keep the upper portion of the pad from drying out) and/or berming the lot and flooding for a short period of time (days to a few weeks) are some of the more efficient ways to meet the presoaking recommendations. If

DRAFT

flooding is performed, a couple of days to let the upper portion of the pad dry out and form a crust so equipment can be utilized should be anticipated.

Table 4 Presoaking Recommendations	
Expansion Potential	Presoaking Recommendations
Very Low	Near-optimum moisture content to a minimum depth of 6 inches
Low	120 percent of the optimum moisture content to a minimum depth of 12 inches below slab subgrade
Medium	130 percent of the optimum moisture content to a minimum depth of 18 inches below slab subgrade

6.3.5 Lateral Earth Pressures and Retaining Wall Design

Should retaining walls be added to the project, Table 5 presents the lateral earth pressure values for level or sloping backfill for walls backfilled with and bearing against fully drained soils of very low to low expansion potential (less than 50 per ASTM D4829).

Table 5 Static Equivalent Fluid Weight (pcf)		
Conditions	Level	2:1 Slope
Active	35	55
At-Rest	55	65
Passive	350 (Maximum of 3 ksf)	150 (Sloping Down)

Walls up to 10 feet in height should be designed for the applicable equivalent fluid unit weight values provided above. If conditions other than those covered herein are anticipated, the equivalent fluid unit weight values should be provided on an individual case-by-case basis by the geotechnical engineer. A surcharge load for a restrained or unrestrained wall resulting from automobile traffic may be assumed to be equivalent to a uniform lateral pressure of 75 psf which is in addition to the equivalent fluid pressure given above. For other uniform surcharge loads, a uniform pressure equal to

DRAFT

0.35q should be applied to the wall. The wall pressures assume walls are backfilled with free draining materials and water is not allowed to accumulate behind walls.

A typical drainage design is contained in Appendix D. Wall backfill should be compacted by mechanical methods to at least 90 percent relative compaction (based on ASTM D1557). If foundations are planned over the backfill, the backfill should be compacted to 95 percent. Wall footings should be designed in accordance with the foundation design recommendations and reinforced in accordance with structural considerations. For all retaining walls, we recommend a minimum horizontal distance from the outside base of the footing to daylight as outlined in Section 6.3.2.

Lateral soil resistance developed against lateral structural movement can be obtained from the passive pressure value provided above. Further, for sliding resistance, the friction coefficient of 0.35 may be used at the concrete and soil interface. These values may be increased by one-third when considering loads of short duration including wind or seismic loads. The total resistance may be taken as the sum of the frictional and passive resistance provided that the passive portion does not exceed two-thirds of the total resistance.

To account for potential redistribution of forces during a seismic event, retaining walls providing lateral support where exterior grades on opposites sides differ by more than 6 feet fall under the requirements of 2022 CBC Section 1617A.11 and/or ASCE 7-16 Section 15.6.1 and should also be analyzed for seismic loading. For that analysis, an additional uniform lateral seismic force of 9H should be considered for the design of the retaining walls with level backfill, where H is the height of the wall.

6.4 Shoring of Excavations

Based on our understanding of the project, we expect excavations up to two levels for basement parking. Accordingly, and because of the limited space, temporary shoring of vertical excavations may be required. We recommend that vertical excavations be retained either by a cantilever shoring system deriving passive support from cast-in-place soldier piles (i.e. lagging-shoring system) or a restrained tie-back and pile system. Based on our experience with similar projects, if lateral movement of the shoring system on the order of more than 1 inch cannot be tolerated, we recommend the utilization of a restrained tie-back and pile system.

DRAFT

Shoring of excavations of this size is typically performed by specialty contractors with knowledge of the metropolitan San Diego area soil conditions. Lateral earth pressures for design of shoring are presented below:

Cantilever Shoring System
Active pressure = 35H (psf), triangular distribution
Passive Pressure = 350h (psf)
H = wall height (active case) or h = embedment (passive case)

Multi-Braced Shoring System
Active pressure = 29H (psf), triangular distribution
Passive Pressure = 350h (psf)
H = wall height (active case) or h = embedment (passive case)

Based on the subsurface materials encountered during the geotechnical exploration and our experience with nearby projects, it is our opinion that the caving potential of the on-site soils is moderate due to the presence of dense to very dense, but yet friable sands and gravels associated with the underlying Old Paralic Deposits and San Onofre Breccia. To accommodate installation of the shoring in the dense to very dense underlying geologic units, wide-flange sections may be installed into pre-drilled holes surrounded by concrete. If caving of the drilled holes occurs, drilling slurry or casing may be required. In addition, caving of drilled holes for the tieback anchors should be anticipated. During downward advancement of the shoring walls care in these cases should be exercised which may include the excavation of shorter open-face segments.

All shoring systems should consider adjacent surcharging, such as the presence of equipment. The above pressures do not include hydrostatic pressures; it is assumed that any temporary shoring will not be subject to hydrostatic pressures because the groundwater elevation will be generally lower than the bottom of the excavation. The pressures above assume the excavation will be free of water 5 feet below the bottom of the excavation and behind vertical shoring elements. If shoring or soldier piles extend below the water table, the effects of groundwater should be accounted for in the design of shoring. A uniform horizontal pressure of 75 psf should be exerted against the walls that are adjacent to vehicular traffic within the upper 15 feet of the excavation. Special cases such as combinations of sloping and shoring, or other surcharge loads, should be evaluated by the project geotechnical engineer on a case-by-case basis.

DRAFT

For design of tie-backs, we recommend a concrete-soil bond stress of 600 psf of the concrete-soil interface area for straight shaft anchors installed by a competent contractor. This value should be considered only behind a 35 degree line (measured from the vertical) passing through a point located 5 feet below the bottom of the excavation. Temporary tie-back anchors should be individually proof-tested to 130 percent of design capacity. Further details and design criteria for tie-backs can be provided as appropriate. Since design of retaining systems is sensitive to surcharge pressures behind the excavation, we recommend that this office be consulted if unusual load conditions are anticipated. Care should be exercised when excavating into the on-site soils since caving or sloughing of these materials is possible. We recommend that the void space behind lagging be filled with sand/cement slurry. Where the shoring designer elects to allow the contractor to utilize tamped soil backfill, the material should be tightly packed and all voids filled. Field testing of tie-backs and observation of soldier pile excavations should be performed during construction.

6.5 Monitoring of Shoring

Settlement monitoring of adjacent sidewalks and structures should be performed to evaluate the performance of the shoring. Shoring of the excavation is the responsibility of the contractor. Extreme caution should be used to minimize damage to existing pavement, utilities, and/or structures caused by settlement or reduction of lateral support. Once the shoring contractor is selected, a detailed excavation phasing plan should be submitted and reviewed by the shoring designer and geotechnical engineer.

The shoring should be surveyed for vertical and horizontal deflection by the Civil Engineer at the top, mid-point, and bottom of each wall face (4 faces) at 50-foot intervals along the wall length. Vertical settlements should be surveyed along an alignment behind the wall at each of the mid-wall monitoring points to a distance behind the wall equal to 1/2 times the wall height. The survey points should be established prior to the start of construction and continued on a weekly basis as the construction proceeds and while the excavation remains open.

After completion of the excavation, the survey interval may be extended based on evaluation by the geotechnical consultant.

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6.6 Design Groundwater Elevation

Groundwater was not encountered during our investigation, nor is groundwater anticipated to be encountered during site excavation and construction except as possible seepage during/after episodes of precipitation or in areas of irrigation. As mentioned previously, based on the depth to groundwater at nearby properties, the depth to groundwater at the site is estimated to be approximately +8 feet msl. Nevertheless, based on the above information, we do not anticipate groundwater will be a constraint to the construction of the proposed improvements. However, groundwater levels may fluctuate during periods of precipitation or season fluctuations.

6.7 Dewatering

We do not anticipate that groundwater will be encountered during construction and the proposed subterranean levels and shallow foundation excavations will not extend below the groundwater table. Therefore, dewatering during construction is not anticipated. However, based on our experience with similar projects, perched groundwater may cause nuisance seepage during the construction phase of the project. Perched groundwater should be anticipated locally across the site.

6.8 Concrete Flatwork

Concrete sidewalks and other flatwork (including construction joints) should be designed by the project civil engineer and should have a minimum thickness of 4 inches with No. 4 bars at 24 inches on center or No. 3 bars at 18 inches on center. For all concrete flatwork, the upper 12 inches of subgrade soils should be moisture conditioned to at least 4 to 6 percent above optimum moisture content depending on the soil type and compacted to at least 90 percent relative compaction based on ASTM Test Method D 1557 prior to the concrete placement. Moisture testing should be confirmed 24 hours prior to concrete placement. In areas of high expansive soil, we recommend the inclusion of dowels between curbs and/or exterior flatwork near exterior and interior walkways.

6.8.1 Pervious Pavements

If pervious pavements or the use of pavers are proposed, our office should review the proposed paving location and system to provide supplemental recommendations, if any.

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6.9 Preliminary Pavement Design

Based on our experience at similar sites, we have assumed an R-value of 25 for preliminary pavement design. Actual subgrade R-value results should be verified during grading and an adjustment made to the base thicknesses as appropriate. If materials with lower R-value are placed as subgrade in proposed pavement areas, increased base thickness will be necessary. Flexible pavement sections have been evaluated in general accordance with the Caltrans method for flexible pavement design. The recommended flexible pavement section for this condition is given in Table 6 below:

Table 6
Preliminary Pavement Sections

Assumed Traffic Index (TI)	Asphalt Concrete (inches)	Aggregate Base (inches)
4.5	3.0	8.5
5.0	3.0	8.5
6.0	4.0	10.5

Prior to placement of the aggregate base, the upper 12 inches of subgrade soils should be scarified, moisture-conditioned to at least optimum moisture content and compacted to a minimum 95 percent relative compaction based on ASTM Test Method D 1557.

Class 2 Aggregate Base or Crushed Aggregate Base should then be placed and compacted at a minimum 95 percent relative compaction in accordance with ASTM Test Method D 1557. The aggregate base material (AB) should be a maximum of 6 inches thick below the curb and gutter and extend a minimum of 6 inches behind the back of the curb. The AB should conform to and be placed in accordance with the approved grading plans, and latest revision of the Standard Specifications Public Works Construction (Greenbook), and City of Oceanside requirements.

The Asphalt Concrete (AC) material should conform to Caltrans Standard Specifications, Sections 39 and 92, with a Performance Grade (PG) of 64-10, and City of Oceanside requirements. The placement of the AC should be in accordance with the approved grading plans, Section 203-6 of the “Greenbook” Standard Specifications for Public Works Construction, and the City of Oceanside requirements.

For trash truck aprons, we recommend a full depth of Portland Cement Concrete section of 7 inches with No. 4 bars at 24 inches on center, each way steel and

crack-control joints as designed by the project civil or structural engineer. We recommend that jointed sections be as nearly square as possible.

6.10 Geochemical Considerations

Concrete in direct contact with soil or water that contains a high concentration of soluble sulfates can be subject to chemical deterioration commonly known as "sulfate attack." Soluble sulfate results (Appendix C) indicated a negligible exposure potential for sulfate attack on normal concrete. The test results indicate that sulfate contents of the subsurface soils are categorized as having a sulfate exposure Class "S0" utilizing ACI 318R-14 Table 19.3.1.1. Concrete in contact with earth materials should be designed in accordance with Section 4 of ACI 318-14 (ACI, 2014) Table 19.3.2.1.

Minimum resistivity and pH tests were performed on representative samples of subgrade soils (Appendix C). Based on laboratory test results, the site soils are not considered corrosive to buried uncoated metal conduits (Caltrans, 2021). A corrosion consultant may be contacted for further recommendations.

6.11 Low Impact Development (LID) Measures and Infiltration

Based on the results of our geotechnical study, we do not recommend the practice of surface water infiltration into near surface soils at the site due to the proximity of settlement sensitive improvements, along with the dense nature of the underlying materials. Specifically, bioswales, infiltration basins, and other unlined onsite detention and retention systems can potentially create adverse perched groundwater conditions both on-site and off-site.

Although, infiltration-type BMPs are not recommended for use on the project, Low Impact Development (LID) BMPs that contain and filter surface waters (flow-through planters and bioretention areas) are acceptable provided that they are completely lined with an impermeable liner and have subdrain systems that tie into an approved existing or proposed storm drain system.

6.12 Surface Drainage and Erosion

Surface drainage should be controlled at all times and carefully taken into consideration during precise grading, landscaping, and construction of site improvements. Positive drainage (e.g., roof gutters, downspouts, area drains, etc.) should be provided to direct surface water away from structures and improvements and towards the street or suitable drainage devices.

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Ponding of water adjacent to structures or pavements should be avoided. Roof gutters, downspouts, and area drains should be aligned so as to transport surface water to a minimum distance of 5 feet away from structures. The performance of structural foundations is dependent upon maintaining adequate surface drainage away from structures.

Water should be transported off the site in approved drainage devices or unobstructed swales. We recommend a minimum flow gradient for unpaved drainage within 5 feet of structures of 2 percent sloping away. The impact of heavy irrigation or inadequate runoff gradient can create perched water conditions, resulting in seepage or shallow groundwater conditions where previously none existed. Maintaining adequate surface drainage and controlled irrigation will significantly reduce the potential for nuisance-type moisture problems.

To reduce differential earth movements such as heaving and shrinkage due to the change in moisture content of foundation soils, which may cause distress to a structure and improvements, moisture content of the soils surrounding the structure should be kept as relatively constant as possible. Below grade planters should not be situated adjacent to structures or pavements unless provisions for drainage such as catch basins and drains are made.

All area drain inlets should be maintained and kept clear of debris in order to function properly. In addition, landscaping should not cause any obstruction to site drainage. Rerouting of drainage patterns and/or installation of area drains should be performed, if necessary, by a qualified civil engineer or a landscape architect.

6.13 Construction Observation and Plan Reviews

The recommendations provided in this report are based on preliminary design information and subsurface conditions disclosed by widely spaced borings.
The interpolated subsurface conditions should be checked in the field during construction. Construction observation of all onsite excavations and field density testing of all compacted fill should be performed by a representative of this office so that construction is in accordance with the recommendations of this report.
We recommend that where possible, excavation exposures be geologically mapped by the geotechnical consultant during grading for the presence of potentially adverse geologic conditions.

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Final project drawings should be checked by Leighton before excavation to see that the recommendations provided in this report are incorporated in the project plans.

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7.0 LIMITATIONS

The conclusions and recommendations presented in this report are based in part upon data that were obtained from a limited number of observations, site visits, excavations, samples, and tests. Such information is by necessity incomplete. The nature of many sites is such that differing geotechnical or geological conditions can occur within small distances and under varying climatic conditions. Changes in subsurface conditions can and do occur over time. Therefore, the findings, conclusions, and recommendations presented in this report can be relied upon only if Leighton has the opportunity to observe the subsurface conditions during grading and construction of the project, in order to confirm that our preliminary findings are representative for the site.

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FIGURES

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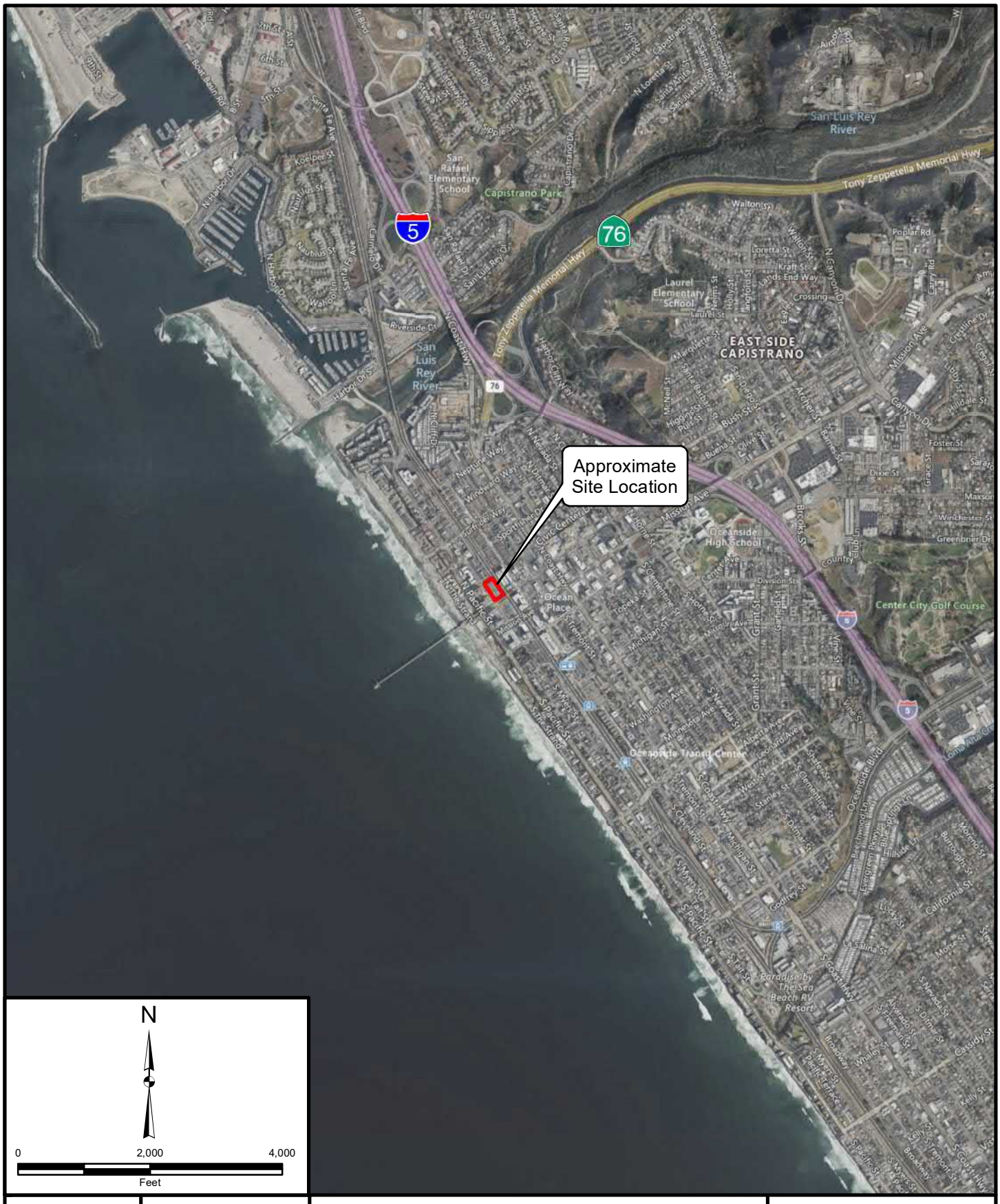

Project: 13951.001	Eng/Geol: SAN/BEV/RCS
Scale: 1 " = 2,000 '	Date: August 2023

Reference: © 2023 Microsoft Corporation © 2023 Maxar ©CNES (2023) Distribution Airbus

Author: (mmurphy)

SITE LOCATION MAP

Ryan - Oceanside Block 5
Oceanside, California

FIGURE 1

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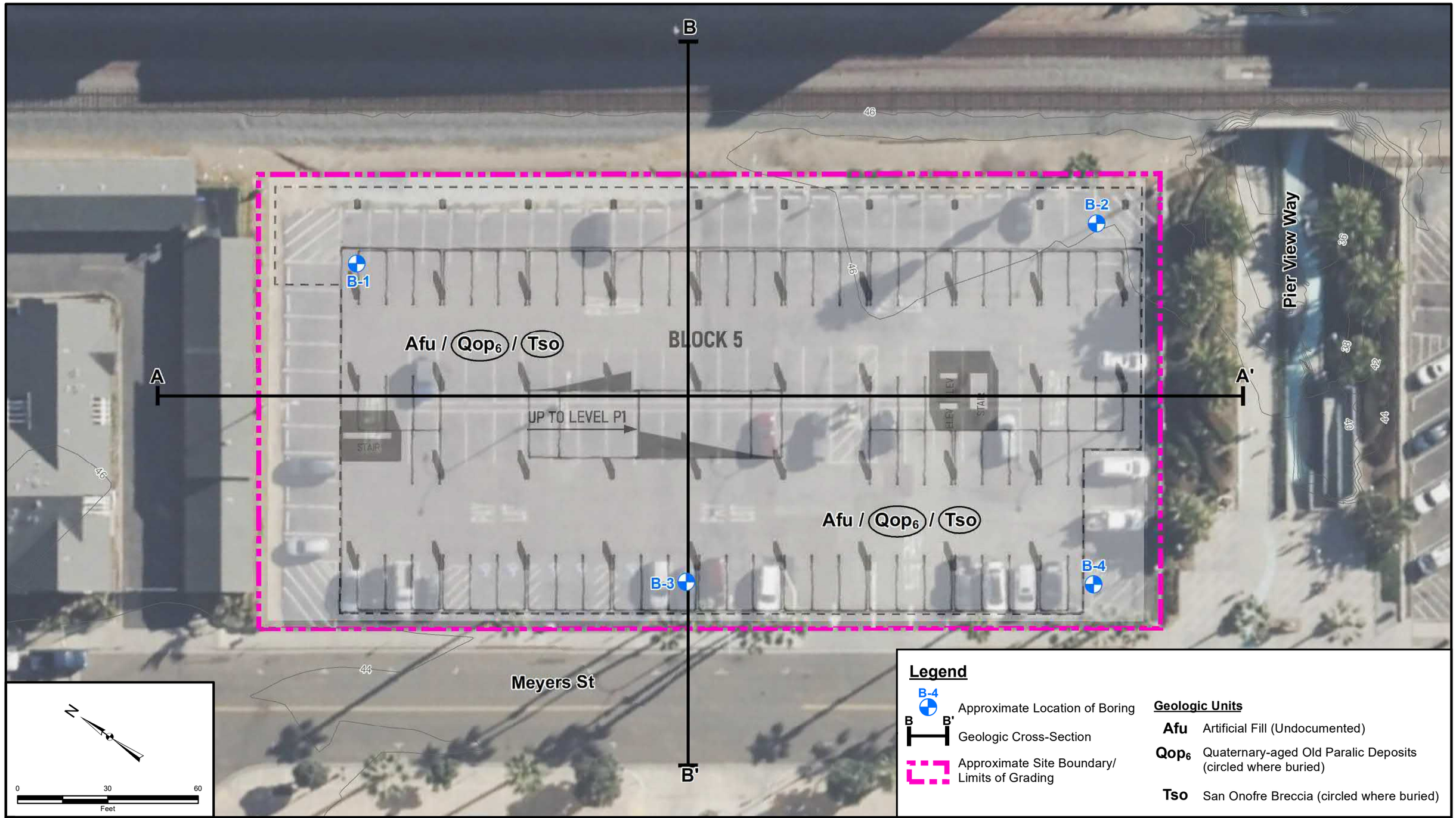
Map Saved as V:\Drafting\13951\Maps\Block 5\13951-001_F01_SLM-Block5_2023-07-21.mxd on 7/25/2023 8:30:03 AM



N

0 30 60
Feet

Legend

B-4 — Approximate Location of Boring

B B' — Geologic Cross-Section

Approximate Site Boundary/ Limits of Grading

Geologic Units

Afu	Artificial Fill (Undocumented)
Qop_6	Quaternary-aged Old Paralic Deposits (circled where buried)
Tso	San Onofre Breccia (circled where buried)

Project: 13951.001	Eng/Geol: SAN/BEV/RCS
Scale: 1 " = 30 '	Date: August 2023
Base Map: Bing Maps, 2016 2023	
Author: (mmurphy)	

GEOTECHNICAL MAP

Ryan - Oceanside Block 5
Oceanside, California

FIGURE 2

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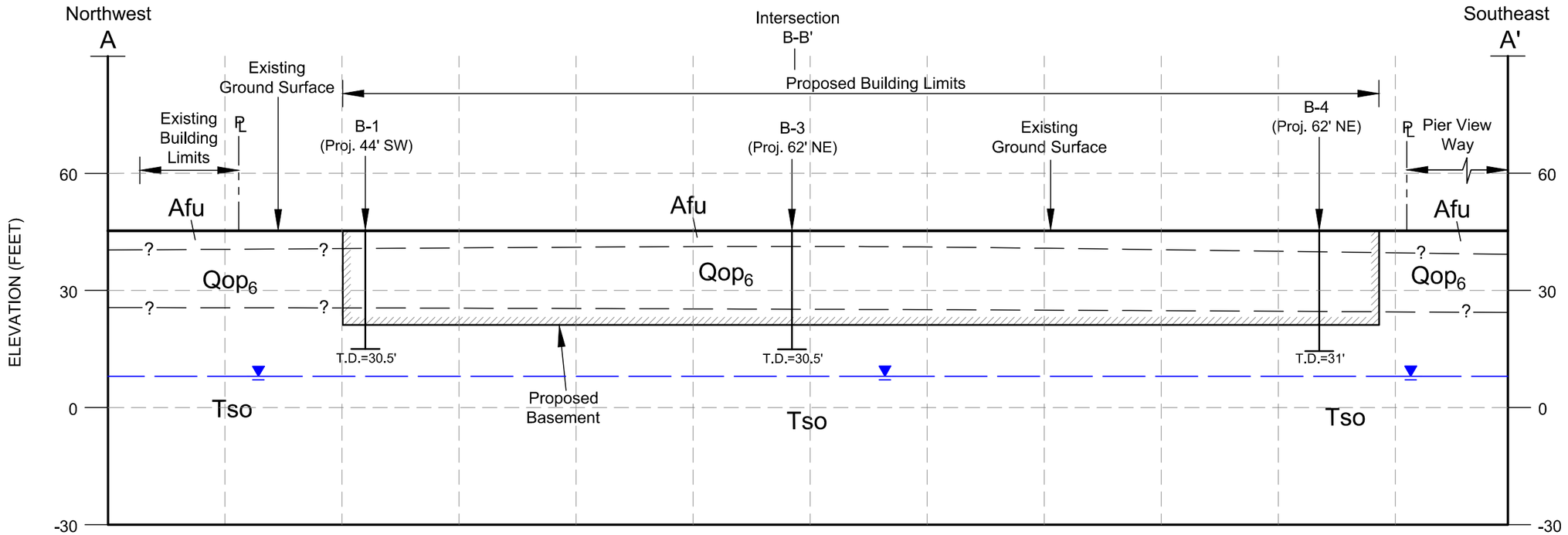
Map Saved as V:\Drafting\13951\Maps\Block 5\13951-001_F02-Block5_GM_2023-07-28.mxd on 7/28/2023 11:28:00 AM



Legend

B-3 / T.D.=30.5'	Approximate Location of Geotechnical Boring Showing Total Depth
	Approximate Groundwater Table
?— —	Approximate Geologic Contact

Geologic Units

Afu	Artificial Fill (Undocumented)
Qop_6	Quaternary-aged Old Paralic Deposits
Tso	San Onofre Breccia

0 30 60
SCALE FEET

Proj: 13951.001	Eng/Geol: SAN/BEV/RCS
Scale: 1"=30'	Date: August 2023
Base Map:	

GEOTECHNICAL CROSS-SECTIONS A-A' & B-B'

Ryan - Oceanside Block 5
Oceanside, California

FIGURE 3

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APPENDIX A

REFERENCES

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APPENDIX A

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APPENDIX B

BORING LOGS

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GEOTECHNICAL BORING LOG KEY

Date _____ **Sheet** 1 **of** 1

Project KEY TO BORING LOG GRAPHICS **Project No.** _____

Drilling Co. _____ **Type of Rig** _____

Hole Diameter _____ **Drive Weight** _____ **Drop** "

Elevation Top of Elevation ' **Location** _____

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per Foot	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	DESCRIPTION	Type of Tests
	0								Asphaltic concrete.	
									Portland cement concrete.	
								CL	Inorganic clay of low to medium plasticity; gravelly clay; sandy clay; silty clay; lean clay.	
								CH	Inorganic clay; high plasticity, fat clays.	
								OL	Organic clay; medium to plasticity, organic silts.	
	5							ML	Inorganic silt; clayey silt with low plasticity.	
								MH	Inorganic silt; diatomaceous fine sandy or silty soils; elastic silt.	
								ML-CL	Clayey silt to silty clay.	
								GW	Well-graded gravel; gravel-sand mixture, little or no fines.	
								GP	Poorly graded gravel; gravel-sand mixture, little or no fines.	
	10							GM	Silty gravel; gravel-sand-silt mixtures.	
								GC	Clayey gravel; gravel-sand-clay mixtures.	
								SW	Well-graded sand; gravelly sand, little or no fines.	
								SP	Poorly graded sand; gravelly sand, little or no fines.	
								SM	Silty sand; poorly graded sand-silt mixtures.	
	15							SC	Clayey sand; sand-clay mixtures.	
									Bedrock.	
									Ground water encountered at time of drilling.	
				B-1					Bulk Sample 1.	
	20			C-1					Core Sample.	
				G-1					Grab Sample.	
				R-1					Modified California Sampler (3" O.D., 2.5 I.D.).	
				SH-1					Shelby Tube Sampler (3" O.D.).	
				S-1					Standard Penetration Test SPT (Sampler (2" O.D., 1.4" I.D.).	
	25			PUSH					Sampler Penetrates without Hammer Blow.	
	30									

SAMPLE TYPES:

- S SPLIT SPOON
- R RING SAMPLE
- B BULK SAMPLE
- T TUBE SAMPLE
- G GRAB SAMPLE
- SH SHELBY TUBE

TYPE OF TESTS:

- DS DIRECT SHEAR
- MD MAXIMUM DENSITY
- CN CONSOLIDATION
- CR CORROSION
- SA SIEVE ANALYSIS
- AT ATTERBURG LIMITS
- EI EXPANSION INDEX
- RV R-VALUE

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GEOTECHNICAL BORING LOG B-1

Project No.	13951.001	**Date Drilled**	7-6-23
Project	Ryan Oceanside Block 5	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	44' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
40	0			B-1 (2.5"-5')				SM	2.5" of ASPHALT CONCRETE **UNDOCUMENTED ARTIFICIAL FILL (Afu)** @ 2.5": Silty SAND, loose, dark reddish brown (2.5YR, 3/3), moist, fine SAND, trace fine gravel.	
									@ 3.5': Becomes reddish brown (5YR, 4/4).	
35	5			S-1	5 8 15			SM	**QUATERNARY-AGED OLD PARALIC DEPOSITS (Qop)** @ 5': Silty SAND, dense, reddish brown (5YR, 4/4), moist, fine SAND, slightly micaceous, oxidized, few clay, friable.	
30	10			R-1	14 24 40	122	6	SP-SM	@ 10': Poorly-graded SAND with SILT, dense, dark reddish brown (5YR, 3/3), moist, fine to medium SAND, slightly micaceous, oxidized, friable.	
25	15			S-2	7 12 19			SP	@ 15': Poorly-graded SAND, dense, light yellowish brown (10YR, 6/2) to yellowish brown (10YR, 5/6), moist, fine to medium SAND, slightly micaceous, oxidized, friable.	
20	20			R-2	15 29 42	96	7	SP	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 20': Poorly-graded SANDSTONE, very dense, light brownish gray (10YR, 6/2) to gray (10YR, 7/1), moist, fine SAND, slightly micaceous, slightly oxidized, friable.	
15	25			S-3	24 50/5"				@ 23.5': Poorly-graded SANDSTONE with GRAVEL, very dense, light yellowish brown (2.5Y, 6/3), moist, fine SAND, fine gravel, slightly micaceous, slightly oxidized, friable.	
	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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GEOTECHNICAL BORING LOG B-1

Project No.	13951.001	**Date Drilled**	7-6-23
Project	Ryan Oceanside Block 5	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	44' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
	30			R-3	50/3"			SP	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 30': Poorly-graded SANDSTONE with GRAVEL, very dense, light yellowish brown (2.5Y, 6/3), moist, fine SAND, fine gravel, slightly micaceous, slightly oxidized, friable, sample disturbed, gravel in sampler. **Total Depth = 30.5 Feet (bgs)** **No Groundwater or Seepage Encountered at Time of Drilling** **Backfilled on 7/6/23**	
10	35									
5	40									
0	45									
-5	50									
-10	55									
-15	60									

This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.

SAMPLE TYPES:

- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:

- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-2

Project No.	13951.001	**Date Drilled**	7-6-23
Project	Ryan Oceanside Block 5	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	45' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
									This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
45	0			B-1 (4"-5')				SM	2" of ASPHALT CONCRETE over 2" of AGGREGATE BASE **UNDOCUMENTED ARTIFICIAL FILL (Afu)** @ 4": Silty SAND, loose, dark reddish brown (2.5YR, 3/3), moist, fine SAND, trace fine gravel.	CR, SA
								SC	**QUATERNARY-AGED OLD PARALIC DEPOSITS (Qop)** @ 3': Clayey SAND, medium dense, reddish brown (2.5YR, 4/4), moist, fine SAND.	
40	5			R-1	12 18 26	124	7	SM	@ 5': Silty SAND, dense, brown (7.5YR, 5/3) to reddish brown (5YR, 5/3), moist, fine SAND, slightly micaceous, oxidized, friable.	
35	10			S-1	6 10 11			SP-SM	@ 10': Poorly-graded SAND with SILT, dense, reddish brown (5YR, 3/4), brown (7.5YR, 5/4), moist, fine to medium SAND, slightly micaceous, slightly oxidized, friable.	
30	15			R-2	13 20 25	106	5	SP	@ 15': Poorly-graded SAND, dense, brown (7.5YR, 5/4) to yellowish brown (5YR, 3/4), moist, fine to medium SAND, slightly micaceous, friable.	
25	20			S-2	10 15 21				@ 20': Becomes very dense, strong brown (7.5YR, 5/6).	
								SW	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 22': Well-graded SANDSTONE with GRAVEL, very dense, brown (10YR, 4/3), moist, fine to coarse SAND, fine gravel, friable.	
20	25			R-3	50/6"					
15	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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GEOTECHNICAL BORING LOG B-2

Project No.	13951.001	**Date Drilled**	7-6-23
Project	Ryan Oceanside Block 5	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	45' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
15	30			S-3	50/2"			GM	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 30': No recovery, sampler bouncing on gravel-cobble. **Auger Refusal on Gravel-Cobble at 31 Feet (bgs)** **No Groundwater or Seepage Encountered at Time of Drilling** **Backfilled on 7/6/23**	
10	35									
5	40									
0	45									
-5	50									
-10	55									
-15	60									

This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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GEOTECHNICAL BORING LOG B-3

Project No.	13951.001	**Date Drilled**	7-6-23
Project	Ryan Oceanside Block 5	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	43' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
40	0			B-1 (3"-5')				SM	3" of ASPHALT CONCRETE **UNDOCUMENTED ARTIFICIAL FILL (Afu)** @ 3": Silty SAND, loose, dark reddish brown (2.5YR, 2.5/2), moist, fine SAND, trace fine gravel.	
								SC	**QUATERNARY-AGED OLD PARALIC DEPOSITS (Qop)** @ 3': Clayey SAND, medium dense, reddish brown (2.5YR, 4/4), moist, fine SAND.	
35	5			R-1	7 10 15	115	6	SM	@ 5': Silty SAND, medium dense, brown (7.5YR, 5/4), moist, fine SAND, slightly micaceous, oxidized, friable.	
30	10			S-1	7 10 14			SP-SM	@ 10': Poorly-graded SAND with SILT, dense, reddish brown (5YR, 3/4), brown (7.5YR, 5/4), moist, fine to medium SAND, micaceous, slightly oxidized, friable.	
25	15			R-2	11 33 50/3"	94	32	SP	@ 15': Poorly-graded SAND, very dense, brown (10YR, 5/3), moist, fine to medium SAND, slightly micaceous, slightly oxidized, friable, few fine gravel.	
20	20			S-2	50/6"			SW	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 20': Well-graded SANDSTONE with GRAVEL, very dense, yellowish brown (10YR, 5/6), moist, fine to coarse SAND, fine gravel, micaceous, friable, oxidized.	
15	25			R-3	20 50/6"	96	2	SP	@ 25': Poorly-graded SANDSTONE, very dense, light brownish gray (10YR, 6/2) to gray (10YR, 7/1), moist, fine SAND, slightly micaceous, slightly oxidized, friable, few gravel.	DS
	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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GEOTECHNICAL BORING LOG B-3

Project No.	13951.001	**Date Drilled**	7-6-23
Project	Ryan Oceanside Block 5	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	43' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
	30			S-3	50/6"			SW	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 30': Well-graded SANDSTONE with GRAVEL, very dense, light brownish gray (10YR, 6/2) to gray (10YR, 7/1), moist, fine to coarse SAND, fine gravel, micaceous, friable, slightly oxidized. **Total Depth = 30.5 Feet (bgs)** **No Groundwater or Seepage Encountered at Time of Drilling** **Backfilled on 7/6/23**	
10	35									
5	40									
0	45									
-5	50									
-10	55									
-15	60									

This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.

SAMPLE TYPES:

- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:

- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-4

Project No.	13951.001	**Date Drilled**	7-6-23
Project	Ryan Oceanside Block 5	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	44' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
40	0								2.5" of ASPHALT CONCRETE over 2.5" of AGGREGATE BASE	
				B-1 (5"- 5')				SM	**UNDOCUMENTED ARTIFICIAL FILL (Afu)** @ 5": Silty SAND, loose, dark reddish brown (5YR, 3/4), moist, fine SAND, trace fine gravel.	
								SC	**QUATERNARY-AGED OLD PARALIC DEPOSITS (Qop)** @ 3': Clayey SAND, medium dense, reddish brown (5YR, 4/4), moist, fine SAND.	
35	5			S-1	5 5 9			SM	@ 5': Silty SAND, medium dense, brown (7.5YR, 5/3) to reddish brown (5YR, 5/3), moist, fine SAND, slightly micaceous, oxidized, friable.	
30	10			R-1	8 16 25	105	3	SP	@ 10': Poorly-graded SAND, medium dense, brown (10YR, 5/3), moist, fine to medium SAND, slightly micaceous, slightly oxidized, friable.	
25	15			S-2	9 14 18				@ 15': Becomes dense, light yellowish brown (2.5Y, 6/3).	
20	20			R-2	50/6"	108	5	SP	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 20': Poorly-graded SANDSTONE with GRAVEL, very dense, strong brown (7.5YR, 4/6), moist, fine to medium SAND, fine gravel, friable, slightly micaceous, slightly oxidized.	
15	25			S-3	38 25 29				@ 25': Becomes light brownish gray (10YR, 6/2), fine SAND.	
	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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GEOTECHNICAL BORING LOG B-4

Project No.	13951.001	**Date Drilled**	7-6-23
Project	Ryan Oceanside Block 5	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	44' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
10	30			R-3	50/3"			SP	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 30': Poorly-graded SANDSTONE with GRAVEL, very dense, light brownish gray (10YR, 6/2), moist, fine SAND, fine gravel, friable, slightly micaceous, slightly oxidized, low recovery, sample disturbed. **Auger Refusal on Gravel-Cobble at 31 Feet (bgs)** **No Groundwater or Seepage Encountered at Time of Drilling** **Backfilled on 7/6/23**	
5	35									
0	40									
-5	45									
-10	50									
-15	55									
	60									

SAMPLE TYPES:

- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:

- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

Leighton

*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

APPENDIX C

LABORATORY TESTING PROCEDURES AND TEST RESULTS

DRAFT

APPENDIX C

Laboratory Testing Procedures and Test Results

Moisture and Density Determination Tests: Moisture content (ASTM Test Method D 2937) and dry density determinations were performed on relatively undisturbed ring samples obtained from the test borings. The results of these tests are presented in the geotechnical boring logs (Appendix B).

Direct Shear Test: Direct shear testing was performed on a selected in-situ sample which was soaked for a minimum of 24 hours under a surcharge equal to the applied normal force during testing. After transfer of the sample to the shear box and reloading of the sample, the pore pressures set up in the sample (due to the transfer) was allowed to dissipate for a period of approximately 1 hour prior to application of shearing force. The sample was tested under various normal loads utilizing a motor-driven, strain-controlled, direct-shear testing apparatus at a strain rate of less 0.05 inches per minute. The test result is presented on the attached figure.

Particle Size Analysis (ASTM D 6913): Particle size analysis was performed by mechanical sieving methods according to ASTM D 6913 and ASTM D 7928. This test was performed to assist in the classification of the soil and to determine grain size distributions of the tested soil. The plot of a sieve result is provided as a Figure in this appendix and the percent fine particles from these analyses are summarized below:

Sample Location	Percent Passing No. 200 Sieve
B-2 @ 4”-5’ Feet	33

Soluble Sulfates: The soluble content of a selected sample was determined by standard geochemical methods. The test result is presented in the table below:

Sample Location	Sulfate Content, ppm
B-2 @ 4”-5’ Feet	169

Chloride Content: Chloride content was tested in accordance with DOT Test Method No. 422. The result is presented below:

Sample Location	Chloride Content, ppm
B-2 @ 4”-5’ Feet	40

DRAFT

Minimum Resistivity and pH Tests: Minimum resistivity and pH tests were performed in general accordance with California Test Method 643. The results are presented in the table below:

Sample Location	pH	Minimum Resistivity (ohms-cm)
B-2 @ 4”-5’ Feet	7.53	6,540

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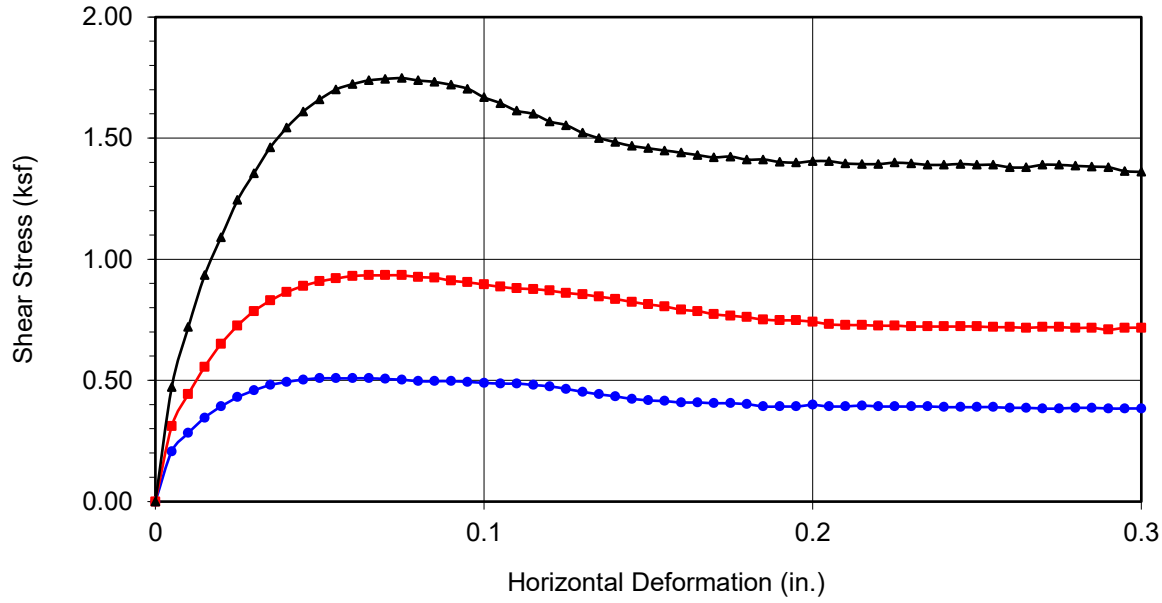
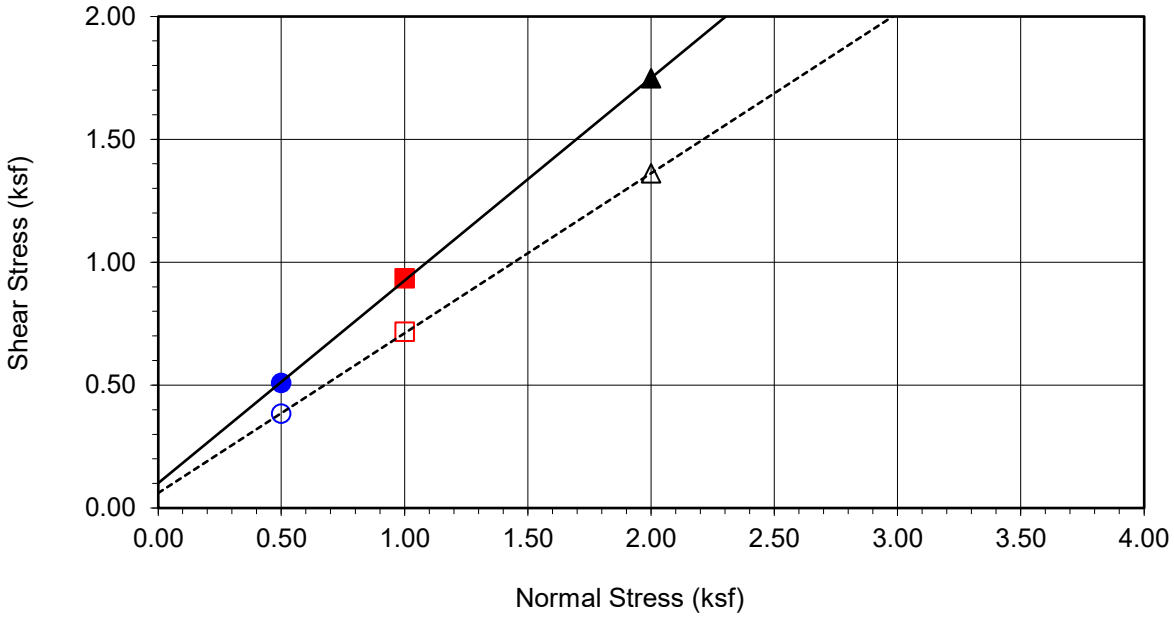




Boring No.	**B-3**
Sample No.	**R-3**
Depth (ft)	**25**
Sample Type:	Ring
Soil Identification: Light olive gray poorly-graded sand with gravel (SP)g	

Strength Parameters

	C (psf)	ϕ (°)
Peak	102	39
Ultimate	62	33

Normal Stress (kip/ft²)	0.500	1.000	2.000
Peak Shear Stress (kip/ft²)	● 0.509	■ 0.934	▲ 1.748
Shear Stress @ End of Test (ksf)	○ 0.384	□ 0.717	△ 1.361
Deformation Rate (in./min.)	0.0050	0.0050	0.0050
Initial Sample Height (in.)	1.000	1.000	1.000
Diameter (in.)	2.415	2.415	2.415
Initial Moisture Content (%)	2.17	2.17	2.17
Dry Density (pcf)	93.7	96.4	98.9
Saturation (%)	7.3	7.8	8.3
Soil Height Before Shearing (in.)	0.9924	0.9841	0.9831
Final Moisture Content (%)	25.4	25.4	21.5

Leighton

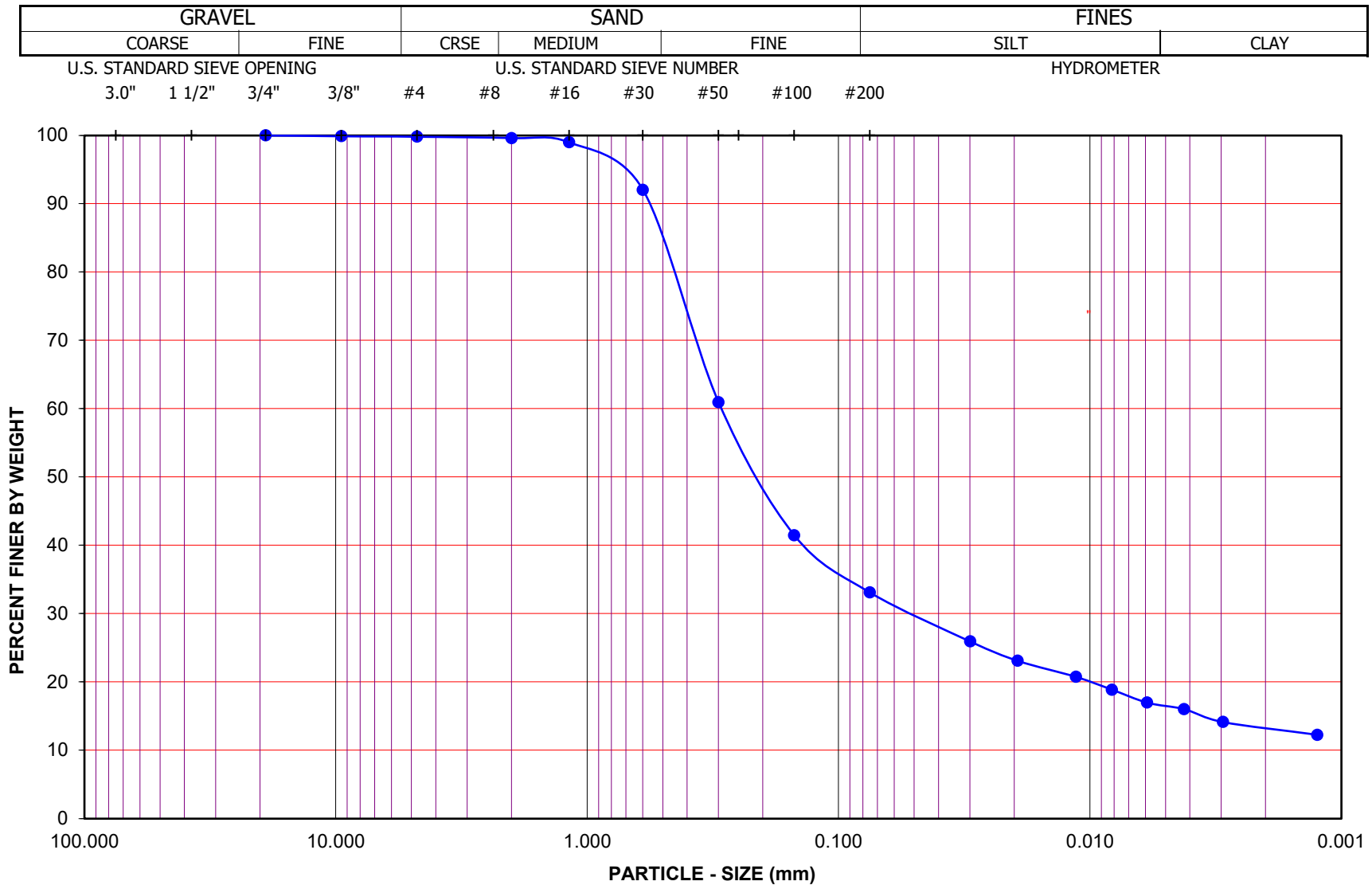
DIRECT SHEAR TEST RESULTS

Consolidated Drained - ASTM D 3080

Project No.: 13951.001

Ryan Oceanside Block 5

07-23



Project Name: Ryan Oceanside Block 5

Project No.: 13951.001

Boring No.: B-2 Sample No.: B-1

Depth (feet): 4"-5' Soil Type : SC-SM

Soil Identification: Brown silty, clayey sand (SC-SM)

GR:SA:FI : (%) 0 : 67 : 33

Leighton

PARTICLE - SIZE DISTRIBUTION
ASTM D 7928 & D 6913

Aug-23

APPENDIX D

GENERAL EARTHWORK AND GRADING SPECIFICATIONS FOR ROUGH GRADING

DRAFT

LEIGHTON AND ASSOCIATES, INC.

GENERAL EARTHWORK AND GRADING SPECIFICATIONS FOR ROUGH GRADING

TABLE OF CONTENTS

Section			Page
1.0	GENERAL		1
	1.1	Intent	1
	1.2	The Geotechnical Consultant of Record	2
	1.3	The Earthwork Contractor	2
2.0	PREPARATION OF AREAS TO BE FILLED		2
	2.1	Clearing and Grubbing	2
	2.2	Processing	3
	2.3	Overexcavation	3
	2.4	Benching	4
	2.5	Evaluation/Acceptance of Fill Areas	4
3.0	FILL MATERIAL		4
	3.1	General	4
	3.2	Oversize	4
	3.3	Import	5
4.0	FILL PLACEMENT AND COMPACTION		5
	4.1	Fill Layers	5
	4.2	Fill Moisture Conditioning	5
	4.3	Compaction of Fill	5
	4.4	Compaction of Fill Slopes	5
	4.5	Compaction Testing	6
	4.6	Frequency of Compaction Testing	6
	4.7	Compaction Test Locations	6
5.0	SUBDRAIN INSTALLATION		6
6.0	EXCAVATION		7
7.0	TRENCH BACKFILLS		7
	7.1	Safety	7
	7.2	Bedding & Backfill	7
	7.3	Lift Thickness	7
	7.4	Observation and Testing	7

Standard Details

A - Keying and Benching	Rear of Text
B - Oversize Rock Disposal	Rear of Text
C - Canyon Subdrains	Rear of Text
D - Buttress or Replacement Fill Subdrains	Rear of Text
E - Transition Lot Fills and Side Hill Fills	Rear of Text
Retaining Wall	Rear of Text

1.0 General

1.1 Intent

These General Earthwork and Grading Specifications are for the grading and earthwork shown on the approved grading plan(s) and/or indicated in the geotechnical report(s). These Specifications are a part of the recommendations contained in the geotechnical report(s). In case of conflict, the specific recommendations in the geotechnical report shall supersede these more general Specifications. Observations of the earthwork by the project Geotechnical Consultant during the course of grading may result in new or revised recommendations that could supersede these specifications or the recommendations in the geotechnical report(s).

1.2 The Geotechnical Consultant of Record

Prior to commencement of work, the owner shall employ the Geotechnical Consultant of Record (Geotechnical Consultant). The Geotechnical Consultants shall be responsible for reviewing the approved geotechnical report(s) and accepting the adequacy of the preliminary geotechnical findings, conclusions, and recommendations prior to the commencement of the grading.

Prior to commencement of grading, the Geotechnical Consultant shall review the "work plan" prepared by the Earthwork Contractor (Contractor) and schedule sufficient personnel to perform the appropriate level of observation, mapping, and compaction testing.

During the grading and earthwork operations, the Geotechnical Consultant shall observe, map, and document the subsurface exposures to verify the geotechnical design assumptions. If the observed conditions are found to be significantly different than the interpreted assumptions during the design phase, the Geotechnical Consultant shall inform the owner, recommend appropriate changes in design to accommodate the observed conditions, and notify the review agency where required. Subsurface areas to be geotechnically observed, mapped, elevations recorded, and/or tested include natural ground after it has been cleared for receiving fill but before fill is placed, bottoms of all "remedial removal" areas, all key bottoms, and benches made on sloping ground to receive fill.

The Geotechnical Consultant shall observe the moisture-conditioning and processing of the subgrade and fill materials and perform relative compaction testing of fill to determine the attained level of compaction. The Geotechnical Consultant shall provide the test results to the owner and the Contractor on a routine and frequent basis.

1.3 The Earthwork Contractor

The Earthwork Contractor (Contractor) shall be qualified, experienced, and knowledgeable in earthwork logistics, preparation and processing of ground to receive fill, moisture-conditioning and processing of fill, and compacting fill. The Contractor shall review and accept the plans, geotechnical report(s), and these Specifications prior to commencement of grading. The Contractor shall be solely responsible for performing the grading in accordance with the plans and specifications.

The Contractor shall prepare and submit to the owner and the Geotechnical Consultant a work plan that indicates the sequence of earthwork grading, the number of "spreads" of work and the estimated quantities of daily earthwork contemplated for the site prior to commencement of grading. The Contractor shall inform the owner and the Geotechnical Consultant of changes in work schedules and updates to the work plan at least 24 hours in advance of such changes so that appropriate observations and tests can be planned and accomplished. The Contractor shall not assume that the Geotechnical Consultant is aware of all grading operations.

The Contractor shall have the sole responsibility to provide adequate equipment and methods to accomplish the earthwork in accordance with the applicable grading codes and agency ordinances, these Specifications, and the recommendations in the approved geotechnical report(s) and grading plan(s). If, in the opinion of the Geotechnical Consultant, unsatisfactory conditions, such as unsuitable soil, improper moisture condition, inadequate compaction, insufficient buttress key size, adverse weather, etc., are resulting in a quality of work less than required in these specifications, the Geotechnical Consultant shall reject the work and may recommend to the owner that construction be stopped until the conditions are rectified.

2.0 Preparation of Areas to be Filled

2.1 Clearing and Grubbing

Vegetation, such as brush, grass, roots, and other deleterious material shall be sufficiently removed and properly disposed of in a method acceptable to the owner, governing agencies, and the Geotechnical Consultant.

The Geotechnical Consultant shall evaluate the extent of these removals depending on specific site conditions. Earth fill material shall not contain more than 1 percent of organic materials (by volume). No fill lift shall contain more than 5 percent of organic matter. Nesting of the organic materials shall not be allowed.

If potentially hazardous materials are encountered, the Contractor shall stop work in the affected area, and a hazardous material specialist shall be informed immediately for proper evaluation and handling of these materials prior to continuing to work in that area.

As presently defined by the State of California, most refined petroleum products (gasoline, diesel fuel, motor oil, grease, coolant, etc.) have chemical constituents that are considered to be hazardous waste. As such, the indiscriminate dumping or spillage of these fluids onto the ground may constitute a misdemeanor, punishable by fines and/or imprisonment, and shall not be allowed.

2.2 Processing

Existing ground that has been declared satisfactory for support of fill by the Geotechnical Consultant shall be scarified to a minimum depth of 6 inches. Existing ground that is not satisfactory shall be overexcavated as specified in the following section. Scarification shall continue until soils are broken down and free of large clay lumps or clods and the working surface is reasonably uniform, flat, and free of uneven features that would inhibit uniform compaction.

2.3 Overexcavation

In addition to removals and overexcavations recommended in the approved geotechnical report(s) and the grading plan, soft, loose, dry, saturated, spongy, organic-rich, highly fractured or otherwise unsuitable ground shall be overexcavated to competent ground as evaluated by the Geotechnical Consultant during grading.

2.4 Benching

Where fills are to be placed on ground with slopes steeper than 5:1 (horizontal to vertical units), the ground shall be stepped or benched. The lowest bench or key shall be a minimum of 15 feet wide and at least 2 feet deep, into competent material as evaluated by the Geotechnical Consultant. Other benches shall be excavated a minimum height of 4 feet into competent material or as otherwise recommended by the Geotechnical Consultant. Fill placed on ground sloping flatter than 5:1 shall also be benched or otherwise overexcavated to provide a flat subgrade for the fill.

2.5 Evaluation/Acceptance of Fill Areas

All areas to receive fill, including removal and processed areas, key bottoms, and benches, shall be observed, mapped, elevations recorded, and/or tested prior to being accepted by the Geotechnical Consultant as suitable to receive fill. The Contractor shall obtain a written acceptance from the Geotechnical Consultant prior to fill placement. A licensed surveyor shall provide the survey control for determining elevations of processed areas, keys, and benches.

3.0 Fill Material

3.1 General

Material to be used as fill shall be essentially free of organic matter and other deleterious substances evaluated and accepted by the Geotechnical Consultant prior to placement. Soils of poor quality, such as those with unacceptable gradation, high expansion potential, or low strength shall be placed in areas acceptable to the Geotechnical Consultant or mixed with other soils to achieve satisfactory fill material.

3.2 Oversize

Oversize material defined as rock, or other irreducible material with a maximum dimension greater than 8 inches, shall not be buried or placed in fill unless location, materials, and placement methods are specifically accepted by the Geotechnical Consultant. Placement operations shall be such that nesting of oversized material does not occur and such that oversize material is completely surrounded by compacted or densified fill. Oversize material shall not be placed within 10 vertical feet of finish grade or within 2 feet of future utilities or underground construction.

3.3 Import

If importing of fill material is required for grading, proposed import material shall meet the requirements of Section 3.1. The potential import source shall be given to the Geotechnical Consultant at least 48 hours (2 working days) before importing begins so that its suitability can be determined and appropriate tests performed.

4.0 Fill Placement and Compaction

4.1 Fill Layers

Approved fill material shall be placed in areas prepared to receive fill (per Section 3.0) in near-horizontal layers not exceeding 8 inches in loose thickness. The Geotechnical Consultant may accept thicker layers if testing indicates the grading procedures can adequately compact the thicker layers. Each layer shall be spread evenly and mixed thoroughly to attain relative uniformity of material and moisture throughout.

4.2 Fill Moisture Conditioning

Fill soils shall be watered, dried back, blended, and/or mixed, as necessary to attain a relatively uniform moisture content at or slightly over optimum. Maximum density and optimum soil moisture content tests shall be performed in accordance with the American Society of Testing and Materials (ASTM Test Method D1557).

4.3 Compaction of Fill

After each layer has been moisture-conditioned, mixed, and evenly spread, it shall be uniformly compacted to not less than 90 percent of maximum dry density (ASTM Test Method D1557). Compaction equipment shall be adequately sized and be either specifically designed for soil compaction or of proven reliability to efficiently achieve the specified level of compaction with uniformity.

4.4 Compaction of Fill Slopes

In addition to normal compaction procedures specified above, compaction of slopes shall be accomplished by backrolling of slopes with sheepsfoot rollers at increments of 3 to 4 feet in fill elevation, or by other methods producing satisfactory results acceptable to the Geotechnical Consultant. Upon completion of grading, relative compaction of the fill, out to the slope face, shall be at least 90 percent of maximum density per ASTM Test Method D1557.

4.5 Compaction Testing

Field-tests for moisture content and relative compaction of the fill soils shall be performed by the Geotechnical Consultant. Location and frequency of tests shall be at the Consultant's discretion based on field conditions encountered. Compaction test locations will not necessarily be selected on a random basis. Test locations shall be selected to verify adequacy of compaction levels in areas that are judged to be prone to inadequate compaction (such as close to slope faces and at the fill/bedrock benches).

4.6 Frequency of Compaction Testing

Tests shall be taken at intervals not exceeding 2 feet in vertical rise and/or 1,000 cubic yards of compacted fill soils embankment. In addition, as a guideline, at least one test shall be taken on slope faces for each 5,000 square feet of slope face and/or each 10 feet of vertical height of slope. The Contractor shall assure that fill construction is such that the testing schedule can be accomplished by the Geotechnical Consultant. The Contractor shall stop or slow down the earthwork construction if these minimum standards are not met.

4.7 Compaction Test Locations

The Geotechnical Consultant shall document the approximate elevation and horizontal coordinates of each test location. The Contractor shall coordinate with the project surveyor to assure that sufficient grade stakes are established so that the Geotechnical Consultant can determine the test locations with sufficient accuracy. At a minimum, two grade stakes within a horizontal distance of 100 feet and vertically less than 5 feet apart from potential test locations shall be provided.

5.0 Subdrain Installation

Subdrain systems shall be installed in accordance with the approved geotechnical report(s), the grading plan. The Geotechnical Consultant may recommend additional subdrains and/or changes in subdrain extent, location, grade, or material depending on conditions encountered during grading. All subdrains shall be surveyed by a land surveyor/civil engineer for line and grade after installation and prior to burial. Sufficient time should be allowed by the Contractor for these surveys.

6.0 Excavation

Excavations, as well as over-excavation for remedial purposes, shall be evaluated by the Geotechnical Consultant during grading. Remedial removal depths shown on geotechnical plans are estimates only. The actual extent of removal shall be determined by the Geotechnical Consultant based on the field evaluation of exposed conditions during grading. Where fill-over-cut slopes are to be graded, the cut portion of the slope shall be made, evaluated, and accepted by the Geotechnical Consultant prior to placement of materials for construction of the fill portion of the slope, unless otherwise recommended by the Geotechnical Consultant.

7.0 Trench Backfills

7.1 Safety

The Contractor shall follow all OSHA and Cal/OSHA requirements for safety of trench excavations.

7.2 Bedding and Backfill

All bedding and backfill of utility trenches shall be performed in accordance with the applicable provisions of Standard Specifications of Public Works Construction. Bedding material shall have a Sand Equivalent greater than 30 (SE>30). The bedding shall be placed to 1 foot over the top of the conduit and densified by jetting. Backfill shall be placed and densified to a minimum of 90 percent of relative compaction from 1 foot above the top of the conduit to the surface.

The Geotechnical Consultant shall test the trench backfill for relative compaction. At least one test should be made for every 300 feet of trench and 2 feet of fill.

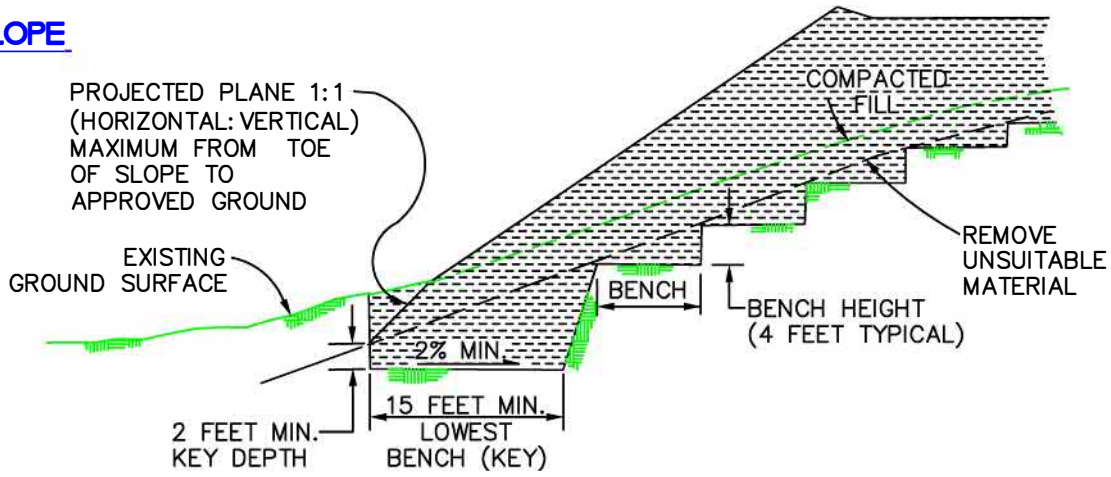
7.3 Lift Thickness

Lift thickness of trench backfill shall not exceed those allowed in the Standard Specifications of Public Works Construction unless the Contractor can demonstrate to the Geotechnical Consultant that the fill lift can be compacted to the minimum relative compaction by his alternative equipment and method.

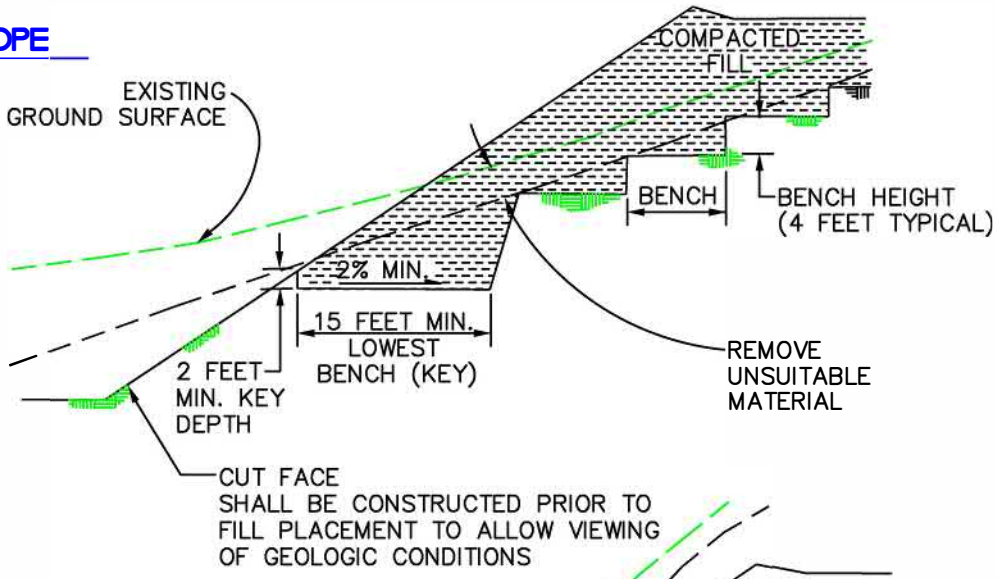
7.4 Observation and Testing

The jetting of the bedding around the conduits shall be observed by the Geotechnical Consultant.

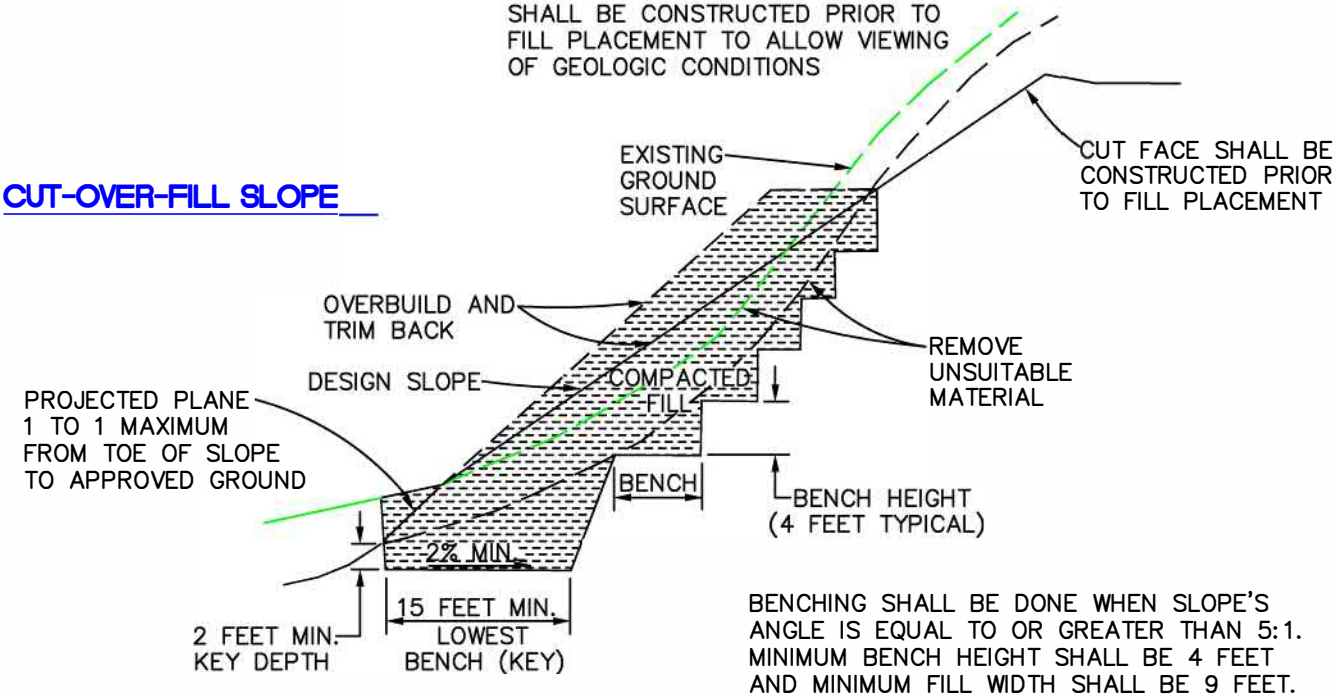
FILL SLOPE



FILL-OVER-CUT SLOPE

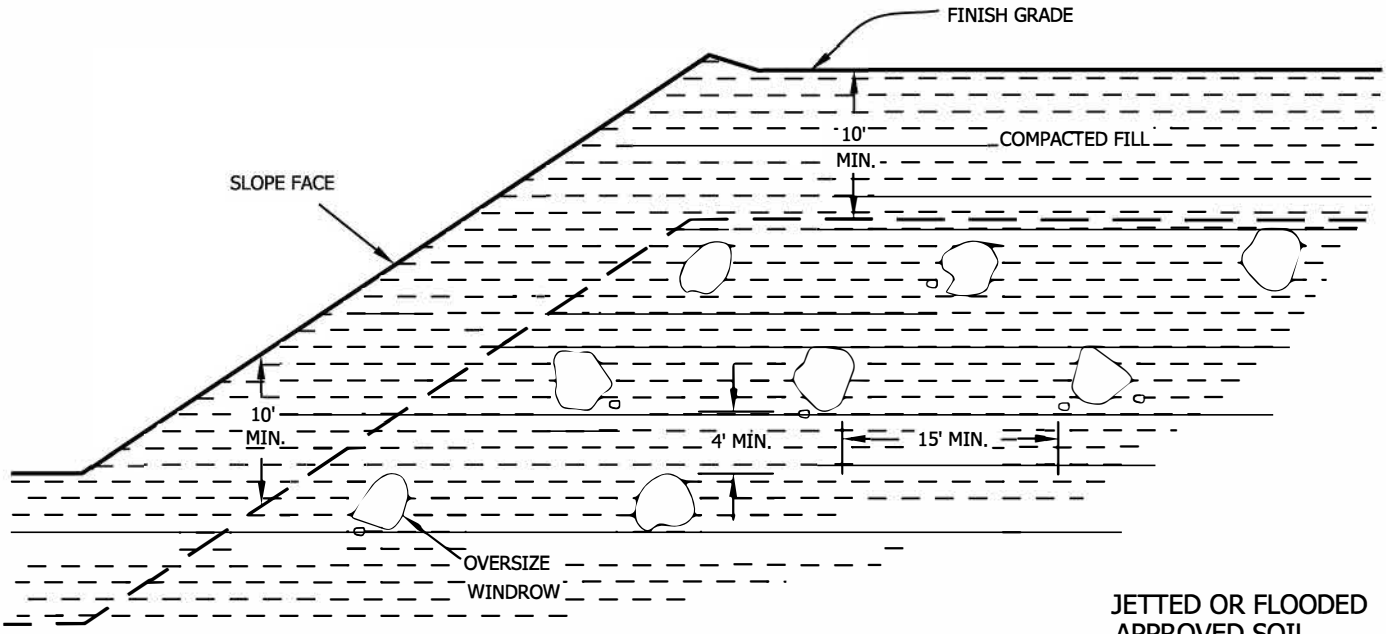


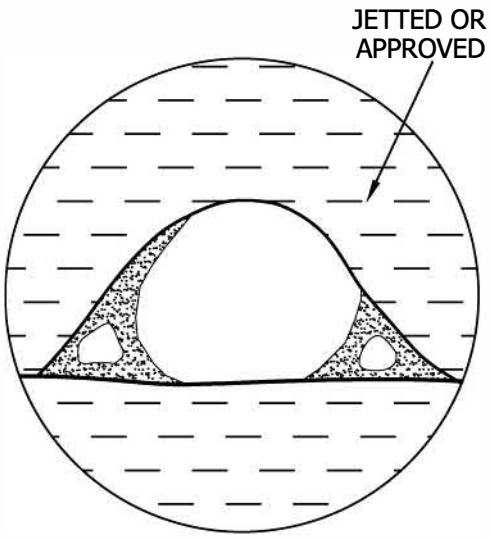
CUT-OVER-FILL SLOPE



BENCHING SHALL BE DONE WHEN SLOPE'S ANGLE IS EQUAL TO OR GREATER THAN 5:1. MINIMUM BENCH HEIGHT SHALL BE 4 FEET AND MINIMUM FILL WIDTH SHALL BE 9 FEET.

KEYING AND BENCHING	GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAILS A	Leighton

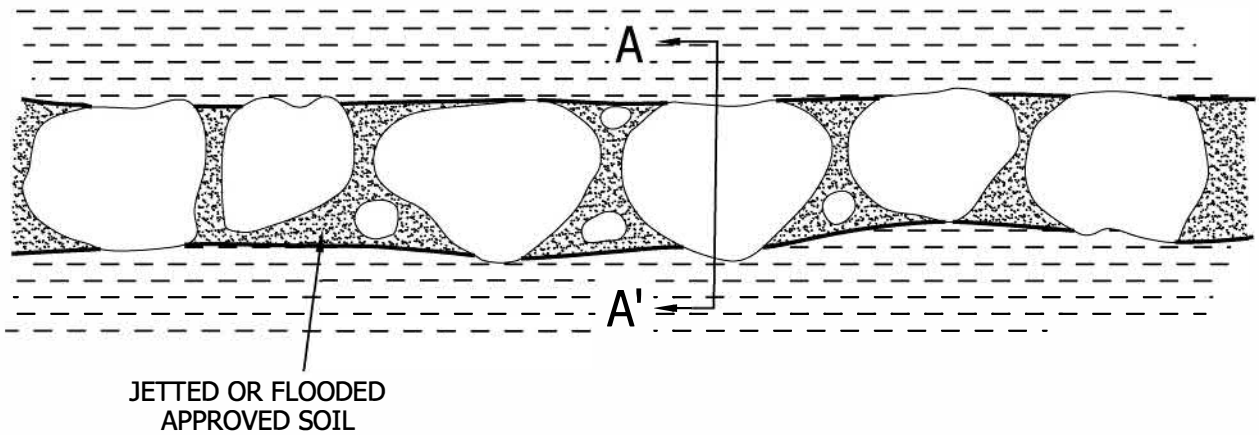




SECTION A-A'

- Oversize rock is larger than 8 inches in largest dimension.
- Backfill with approved soil jetted or flooded in place to fill all the voids.
- Do not bury rock within 10 feet of finish grade.
- Windrow of buried rock shall be parallel to the finished slope face.

PROFILE ALONG WINDROW



OVERSIZE ROCK DISPOSAL

GENERAL EARTHWORK AND GRADING SPECIFICATIONS
STANDARD DETAILS B

Leighton

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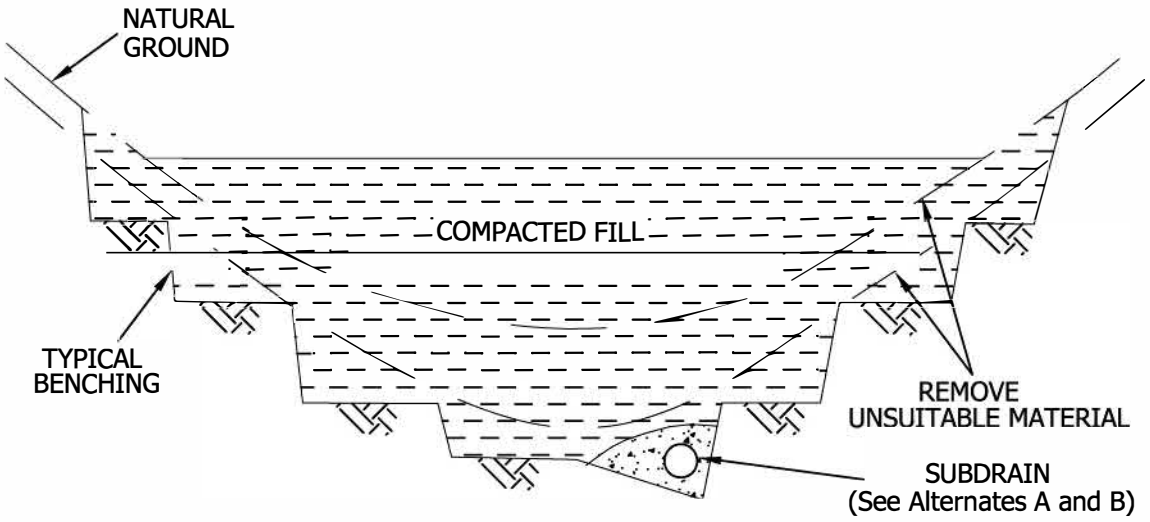
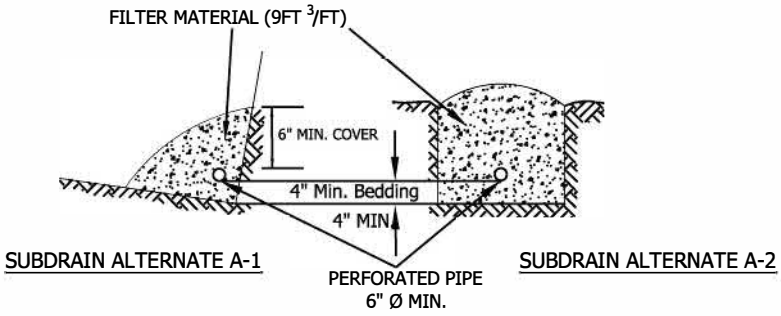


SUBDRAIN ALTERNATE A

PERFORATED PIPE SURROUNDED WITH FILTER MATERIAL



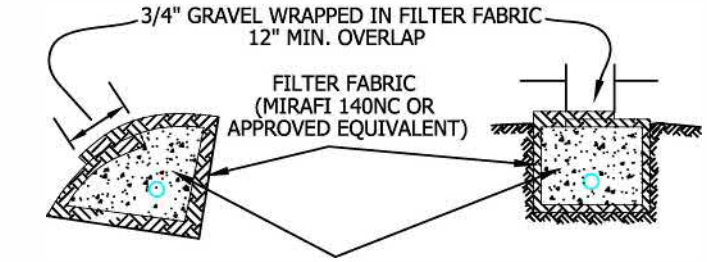
SUBDRAIN ALTERNATE A-1 SUBDRAIN ALTERNATE A-2

FILTER MATERIAL

FILTER MATERIAL SHALL BE CLASS 2 PERMEABLE MATERIAL PER STATE OF CALIFORNIA STANDARD SPECIFICATION, OR APPROVED ALTERNATE. CLASS 2 GRADING AS FOLLOWS:

Sieve Size	Percent Passing
1"	100
3/4"	90-100
3/8"	40-100
No. 4	25-40
No. 8	18-33
No. 30	5-15
No. 50	0-7
No. 200	0-3

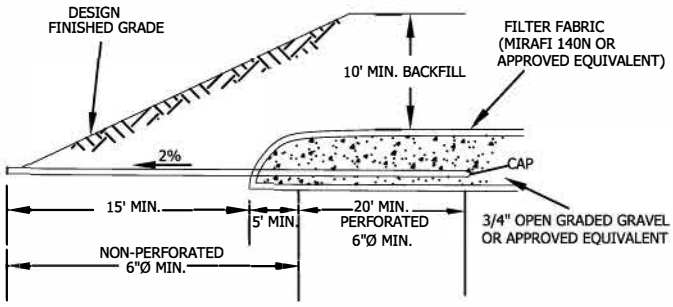
SUBDRAIN ALTERNATE B



ALTERNATE B-1 ALTERNATE B-2

○ PERFORATED PIPE IS OPTIONAL PER GOVERNING AGENCY'S REQUIREMENTS

DETAIL OF CANYON SUBDRAIN TERMINAL



CANYON SUBDRAIN

GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAILS C

Leighton

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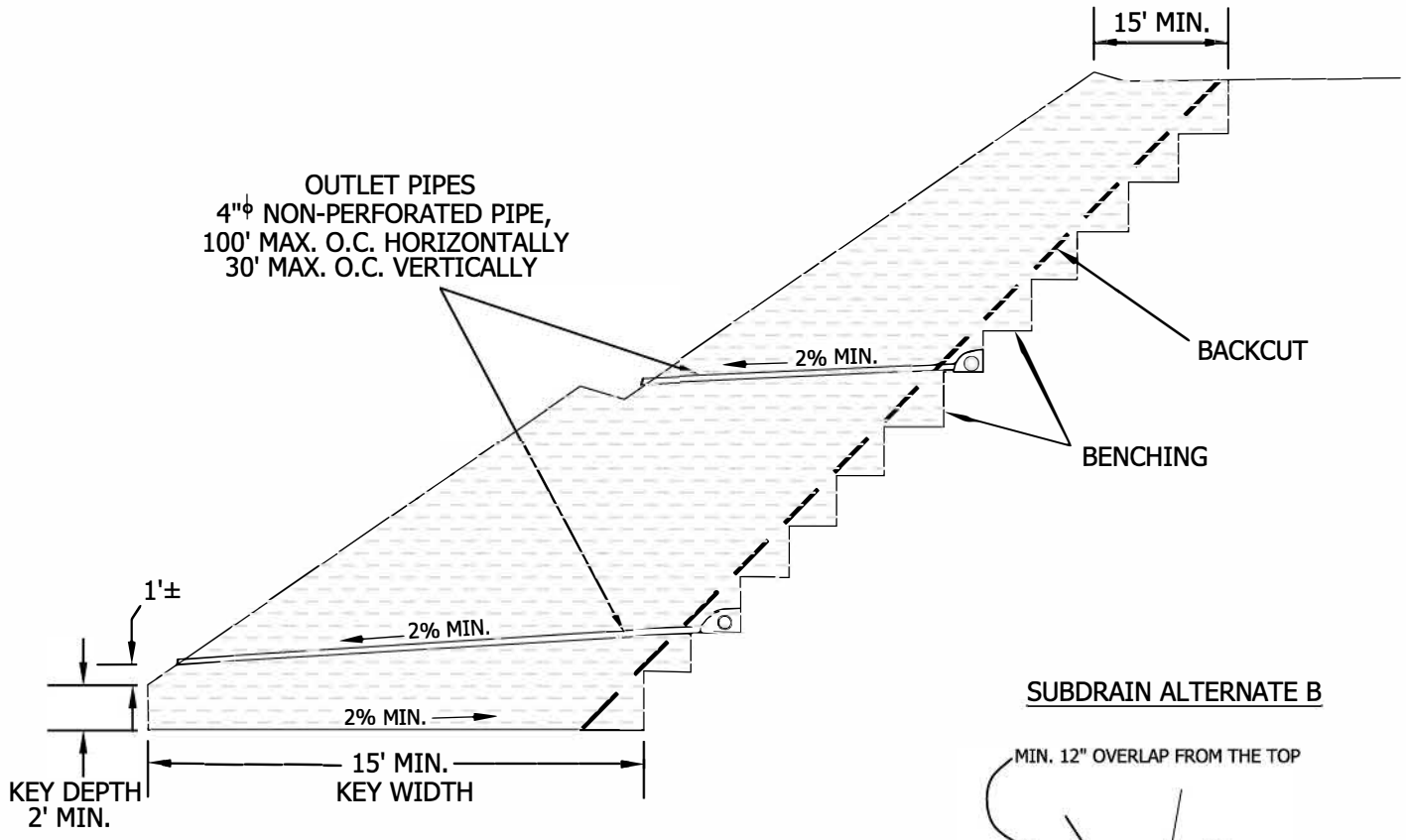
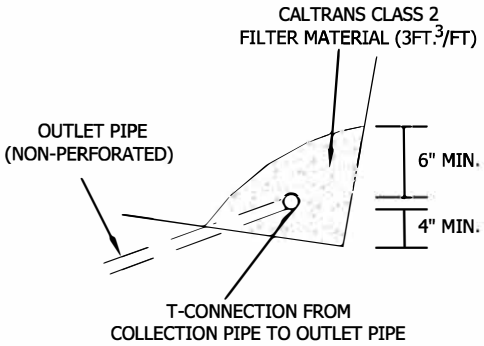
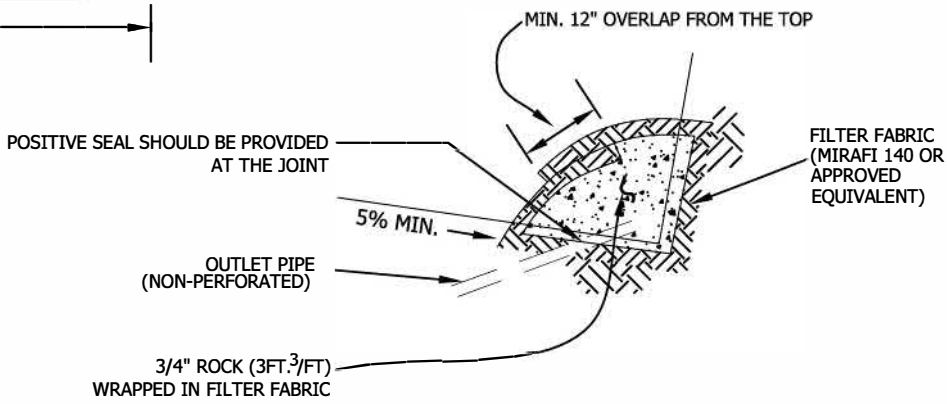


SUBDRAIN ALTERNATE A



SUBDRAIN ALTERNATE B



- SUBDRAIN INSTALLATION - Subdrain collector pipe shall be installed with perforations down or, unless otherwise designated by the geotechnical consultant. Outlet pipes shall be non-perforated pipe. The subdrain pipe shall have at least 8 perforations uniformly spaced per foot. Perforation shall be 1/4" to 1/2" if drilled holes are used. All subdrain pipes shall have a gradient at least 2% towards the outlet.
- SUBDRAIN PIPE - Subdrain pipe shall be ASTM D2751, ASTM D1527 (Schedule 40) or SDR 23.5 ABS pipe or ASTM D3034 (Schedule 40) or SDR 23.5 PVC pipe.
- All outlet pipe shall be placed in a trench and, after fill is placed above it, rodded to verify integrity.

BUTTRESS OR REPLACEMENT FILL SUBDRAINS	GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAILS D	Leighton

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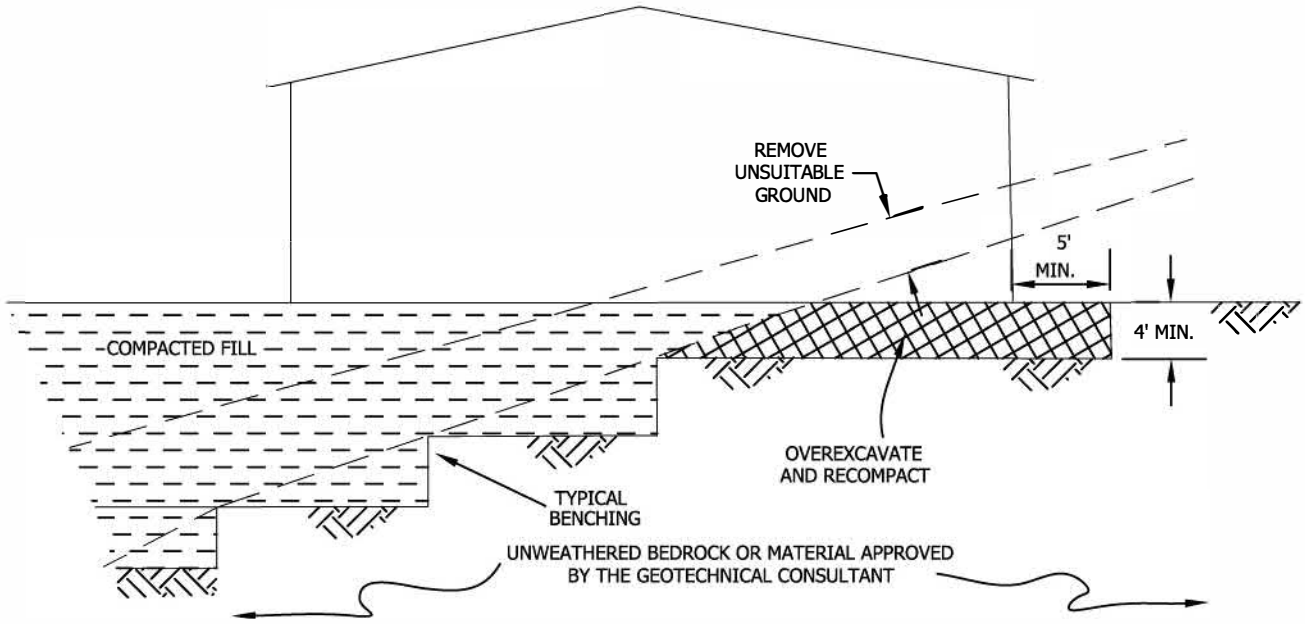
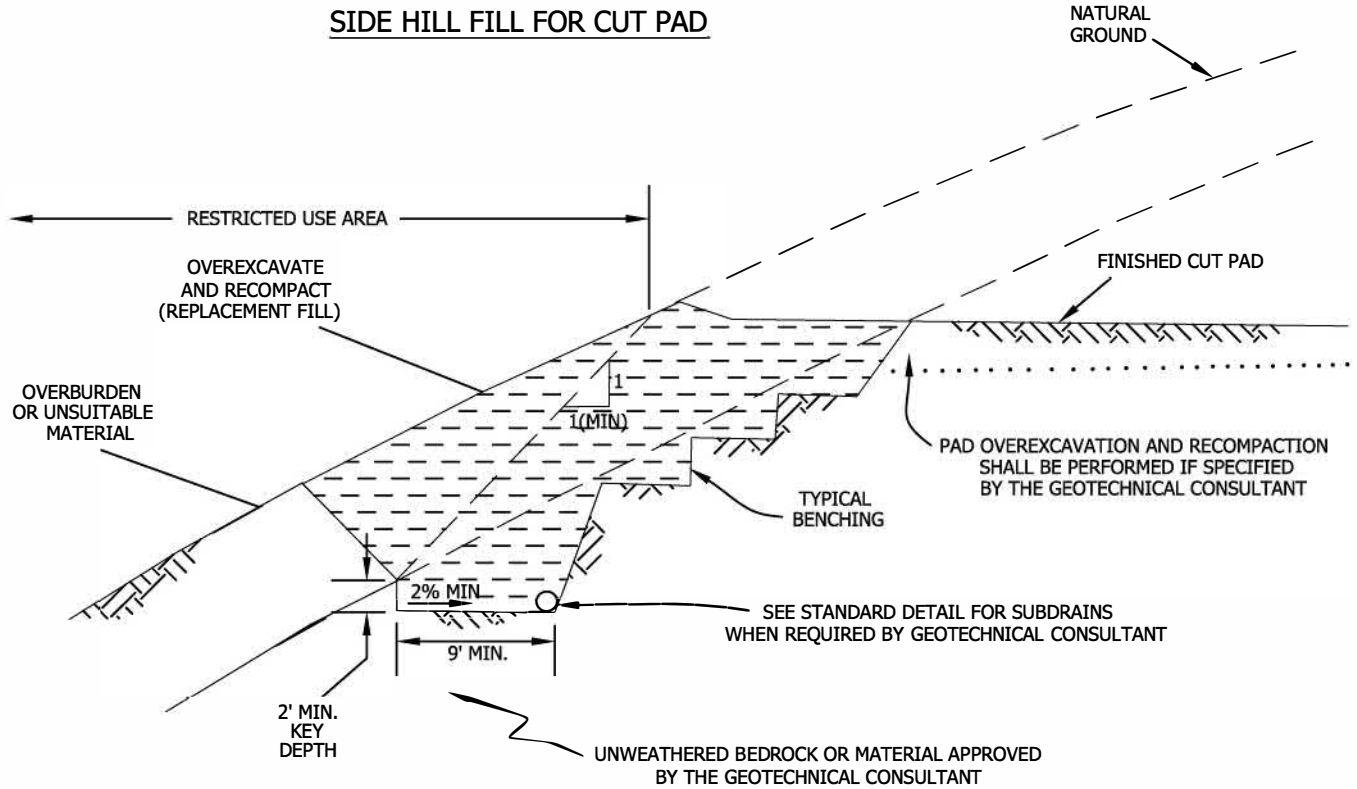
CUT-FILL TRANSITION LOT OVEREXCAVATION



SIDE HILL FILL FOR CUT PAD



TRANSITION LOT FILLS AND SIDE HILL FILLS

GENERAL EARTHWORK AND GRADING SPECIFICATIONS
STANDARD DETAILS E

Leighton

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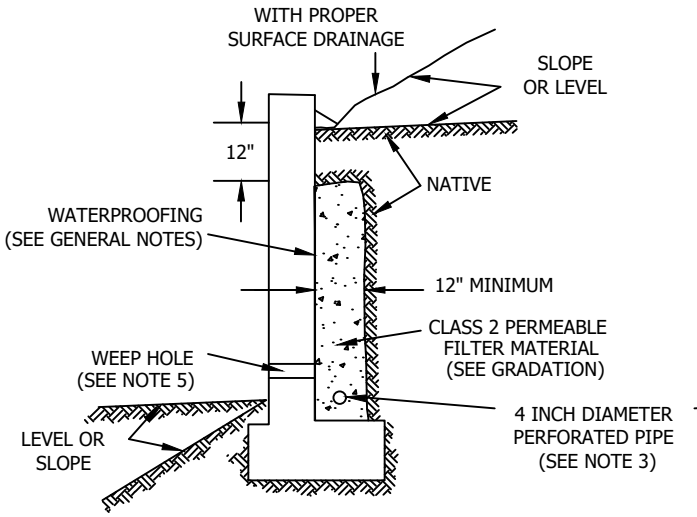
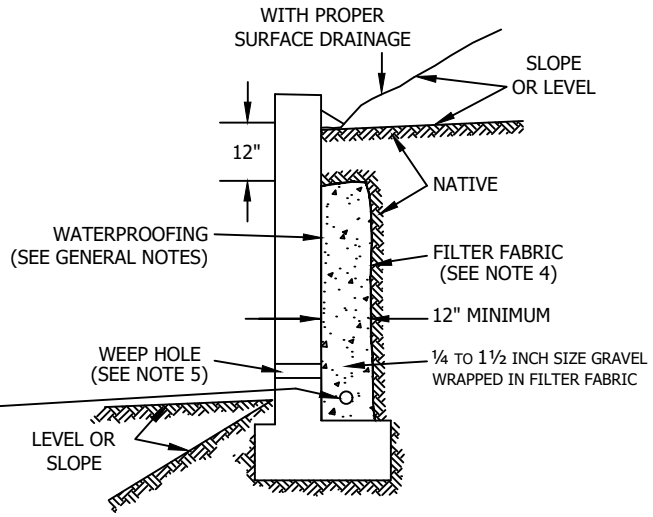
SUBDRAIN OPTIONS AND BACKFILL WHEN NATIVE MATERIAL HAS EXPANSION INDEX OF ≤50

OPTION 1: PIPE SURROUNDED WITH CLASS 2 PERMEABLE MATERIAL



OPTION 2: GRAVEL WRAPPED IN FILTER FABRIC



Class 2 Filter Permeable Material Gradation
Per Caltrans Specifications

Sieve Size	Percent Passing
1"	100
3/4"	90-100
3/8"	40-100
No. 4	25-40
No. 8	18-33
No. 30	5-15
No. 50	0-7
No. 200	0-3

GENERAL NOTES:

* Waterproofing should be provided where moisture nuisance problem through the wall is undesirable.
* Water proofing of the walls is not under purview of the geotechnical engineer
* All drains should have a gradient of 1 percent minimum
*Outlet portion of the subdrain should have a 4-inch diameter solid pipe discharged into a suitable disposal area designed by the project engineer. The subdrain pipe should be accessible for maintenance (rodding)
*Other subdrain backfill options are subject to the review by the geotechnical engineer and modification of design parameters.

Notes:
1) Sand should have a sand equivalent of 30 or greater and may be densified by water jetting.
2) 1 Cu. ft. per ft. of 1/4- to 1 1/2-inch size gravel wrapped in filter fabric
3) Pipe type should be ASTM D1527 Acrylonitrile Butadiene Styrene (ABS) SDR35 or ASTM D1785 Polyvinyl Chloride plastic (PVC), Schedule 40, Armco A2000 PVC, or approved equivalent. Pipe should be installed with perforations down. Perforations should be 3/8 inch in diameter placed at the ends of a 120-degree arc in two rows at 3-inch on center (staggered)
4) Filter fabric should be Mirafi 140NC or approved equivalent.
5) Weephole should be 3-inch minimum diameter and provided at 10-foot maximum intervals. If exposure is permitted, weepholes should be located 12 inches above finished grade. If exposure is not permitted such as for a wall adjacent to a sidewalk/curb, a pipe under the sidewalk to be discharged through the curb face or equivalent should be provided. For a basement-type wall, a proper subdrain outlet system should be provided.
6) Retaining wall plans should be reviewed and approved by the geotechnical engineer.
7) Walls over six feet in height are subject to a special review by the geotechnical engineer and modifications to the above requirements.

RETAINING WALL BACKFILL AND SUBDRAIN DETAIL FOR WALLS 6 FEET OR LESS IN HEIGHT

WHEN NATIVE MATERIAL HAS EXPANSION INDEX OF ≤50

Leighton

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GEOTECHNICAL INVESTIGATION
OCEANSIDE BLOCK 20 PROJECT
MISSION AVENUE AND EAST MYERS STREET
OCEANSIDE, CALIFORNIA

DRAFT

Prepared For

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Project Number 13951.001

August 14, 2023

Leighton and Associates, Inc.
A Leighton Group Company

August 14, 2023

Project No. 13951.001

Ryan Companies US, Inc.
4275 Executive Square, Ste. 370
San Diego, California 92037

Attention: Mr. Garrett Faller

Subject: Geotechnical Investigation
Oceanside Block 20 Project
Mission Avenue and East Myers Street
Oceanside, California

In accordance with your request and authorization, we have conducted a geotechnical investigation for the proposed Oceanside Block 20 Project, located north of Mission Avenue and east of North Myers Street in Oceanside, California. We understand that the proposed development will include the development of an 8-story mixed-use residential building with 2 levels of below grade parking. Based on the results of our study, it is our professional opinion that the site is suitable for the proposed development of the project. The accompanying geotechnical report presents a summary of our current investigation and provides geotechnical conclusions and recommendations.

If you have any questions regarding our report, please do not hesitate to contact this office. We appreciate this opportunity to be of service.

Respectfully submitted,
LEIGHTON AND ASSOCIATES, INC.

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Senior Project Geologist

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Distribution: (1) Digital Copy

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TABLE OF CONTENTS

Section Page

1.0 INTRODUCTION 1

1.1 Purpose and Scope of Services 1
1.2 Site Location and Description 1
1.3 Proposed Development 2
1.4 Previous Geotechnical Studies 2

2.0 SUBSURFACE EXPLORATION AND LABORATORY TESTING 3

2.1 Site Investigation 3
2.2 Laboratory Testing 3

3.0 SUMMARY OF GEOTECHNICAL CONDITIONS 4

3.1 Geologic Setting 4
3.2 Site-Specific Geology 4
3.2.1 Undocumented Fill (Afu) 4
3.2.2 Quaternary-aged Old Paralic Deposits (Qop_6) 4
3.2.3 Tertiary-aged San Onofre Breccia (Tso) 5
3.3 Geologic Structure 5
3.4 Surface and Groundwater 5
3.5 Engineering Characteristics of On-site Soils 6
3.5.1 Expansion Potential 6
3.5.2 Soil Corrosivity 6
3.5.3 Excavation Characteristics 6
3.5.4 Infiltration 7

4.0 SEISMICITY 8

4.1 Regional Tectonic Setting 8
4.2 Local Faulting 8
4.3 Seismicity 8
4.4 Seismic Hazards 8
4.4.1 Shallow Ground Rupture 8
4.4.2 Mapped Fault Zones 9
4.4.3 Site Class 9
4.4.4 Building Code Mapped Spectral Acceleration Parameters 9
4.5 Secondary Seismic Hazards 10
4.5.1 Liquefaction and Dynamic Settlement 10
4.5.2 Lateral Spread 10
4.5.3 Tsunamis and Seiches 10
4.6 Landslides 11
4.7 Flood Hazard 11

5.0 CONCLUSIONS 12

6.0 RECOMMENDATIONS 14

6.1 Earthwork 14
6.1.1 Site Preparation 14
6.1.2 Excavations and Oversize Material 14
6.1.3 Remedial Grading 14
6.1.4 Transition and Overexcavation Areas 15
6.1.5 Fill Placement and Compaction 15
6.1.6 Expansive Soils and Selective Grading 16
6.1.7 Utility Trench Excavation and Backfill 16

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6.2 TEMPORARY EXCAVATIONS 17
6.3 FOUNDATION AND SLAB CONSIDERATIONS 17
6.3.1 Foundations 17
6.3.2 Foundation Setback 18
6.3.3 Slab Design 19
6.3.4 Moisture Conditioning 19
6.3.5 Lateral Earth Pressures and Retaining Wall Design 20
6.4 SHORING OF EXCAVATIONS 21
6.5 MONITORING OF SHORING 23
6.6 DESIGN GROUNDWATER ELEVATION 23
6.7 DEWATERING 24
6.8 CONCRETE FLATWORK 24
6.8.1 Pervious Pavements 24
6.9 PRELIMINARY PAVEMENT DESIGN 24
6.10 GEOCHEMICAL CONSIDERATIONS 25
6.11 LOW IMPACT DEVELOPMENT (LID) MEASURES AND INFILTRATION 26
6.12 SURFACE DRAINAGE AND EROSION 26
6.13 CONSTRUCTION OBSERVATION AND PLAN REVIEWS 27
7.0 LIMITATIONS 28

List of Tables, Figures and Appendices

TABLES

Table 1 - 2022 CBC Mapped Spectral Acceleration Parameters - Page 9
Table 2 - Maximum Slope Ratios - Page 17
Table 3 - Minimum Foundation Setback from Slope Faces - Page 18
Table 4 - Presoaking Recommendations - Page 20
Table 5 - Static Equivalent Fluid Weight (pcf)- Page 20
Table 6 - Preliminary Pavement Sections Faces - Page 25

FIGURES

Figure 1 - Site Location Map - Rear of Text
Figure 2 - Geotechnical Map - Rear of Text
Figure 3 - Geologic Cross Sections A-A' and B-B' - Rear of Text

APPENDICES

Appendix A - References
Appendix B - Boring Logs
Appendix C - Laboratory Testing Procedures and Test Results
Appendix D - General Earthwork and Grading Specifications For Rough Grading

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1.0 INTRODUCTION

We recommend that all individuals utilizing this report read the proceeding information sheet prepared by the Geoprofessional Business Association (GBA) and the Limitations Section 7.0, located at the end of this report.

1.1 Purpose and Scope of Services

This report presents the results of our geotechnical investigation for the proposed Oceanside Block 20 Project, located north of Mission Avenue and east of North Myers Street in Oceanside, California (Figure 1). The intent of this report is to provide specific geotechnical conclusions and recommendations for the currently proposed residential development. Specifically, our scope of services included:

- Review of available pertinent, published and unpublished geotechnical literature and maps. References cited are listed in Appendix A;
- Field reconnaissance of the existing on-site geotechnical conditions;
- Subsurface exploration consisting of the excavation, logging, and sampling of four geotechnical borings. The boring logs are presented in Appendix B and approximate boring locations are shown on Figure 2;
- Laboratory testing of representative soil samples obtained from the subsurface exploration program. Results of these tests are provided in Appendix C;
- Assessment of geologic hazards;
- Development of seismic design parameters based on the 2022 California Building Code (CBC);
- Compilation and analysis of the geotechnical data obtained from the field investigation and laboratory testing; and
- Preparation of this report presenting our findings, conclusions, and geotechnical recommendations with respect to the proposed geotechnical design, and general construction considerations.

1.2 Site Location and Description

The site is rectangular in shape, encompasses approximately 1.02 acres of land, and is located north of Mission Avenue and east of North Myers Street in Oceanside, California. In general, the site is bounded by Pier View Way followed by Block 5 to the north, the NCTD Railway to the east, Mission Avenue to the south, and North Myers Street to the west. Currently, the site is developed and occupied by an asphalt paved parking lot. Site topography gently slopes from the east to the

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west with surface elevations ranging from approximately 41 to 46 feet above mean sea level (msl).

Generalized Site Latitude and Longitude
33.1948 º N
-117.3824 º W

1.3 Proposed Development

Based on our review of the provided conceptual site plans (JNS, 2022) and our discussions with you, it is our understanding that the existing site improvements will be demolished, and that the proposed redevelopment will consist of an 8-story mixed-use residential building with 2 levels of below grade parking. Preliminary grading and foundation plans or structural loads were not available prior to the preparation of this report. Currently, we are assuming that the subsurface parking and above ground levels will be constructed of reinforced concrete and wood frame construction, respectively. Additional improvements at the site are anticipated to consist of associated driveways, utilities, landscape, and hardscape.

1.4 Previous Geotechnical Studies

As background, it should be noted that Leighton has performed geotechnical investigations and construction observation services for nearly all the surrounding properties (i.e., formerly referred to as Blocks: 16, 17, 18, 19, and Parking Lot 23).

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2.0 SUBSURFACE EXPLORATION AND LABORATORY TESTING

2.1 Site Investigation

Our subsurface exploration, performed on July 7, 2023, consisted of excavating four (4) 8-inch diameter geotechnical borings (B-1 through B-4) to depths between approximately 22½ to 30½ feet below the existing ground surface (bgs). Importantly, it should be noted that auger refusal on gravel-cobble was encountered within geotechnical borings B-1, B-2, and B-4. The geotechnical borings were drilled using a heavy-duty truck mounted hollow-stem auger drill rig and was performed within the limits of the proposed project site to characterize the on-site soils, including those likely to be encountered at and below the proposed foundation elevations for this project. Prior to drilling, we marked the proposed boring location and notified Underground Service Alert (USA) to identify buried utilities. In addition, a private utility locator was subcontracted in order to provide additional clearance for utilities.

During the exploration operation, a geologist from our firm prepared geologic logs and collected bulk and relatively undisturbed samples for laboratory testing and evaluation. Disturbed standard penetration test (SPT) and relatively undisturbed split-barrel soil sampling using a 140-pound automatic-trip hammer free falling 30-inches were performed in accordance with ASTM D 1586 and ASTM D 3550, respectively. After logging, the borings were backfilled with bentonite grout in accordance with Department of Environmental Health (DEH) requirements and were capped with Aquaphalt. The boring logs are provided in Appendix B and the approximate location of the borings are shown on Figure 2.

2.2 Laboratory Testing

Laboratory testing performed on representative soil samples obtained during our subsurface exploration included tests of moisture and density, direct shear, expansion index, particle side analysis, and geochemical analysis for corrosion. A discussion of the laboratory tests conducted and a summary of the laboratory test results are presented in Appendix C. In-situ moisture and density test results are provided on the boring logs (Appendix B).

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3.0 SUMMARY OF GEOTECHNICAL CONDITIONS

3.1 Geologic Setting

The project area is situated in the Peninsular Ranges Geomorphic Province. This geomorphic province encompasses an area that extends approximately 900 miles from the Transverse Ranges and the Los Angeles Basin south to the southern tip of Baja California and varies in width from approximately 30 to 100 miles (Norris and Webb, 1990). The province is characterized by mountainous terrain on the east composed mostly of Mesozoic igneous and metamorphic rocks, and relatively low-lying coastal terraces to the west underlain by late Cretaceous-age, Tertiary-age, and Quaternary-age sedimentary units. Most of the coastal region of the County of San Diego, including the site, occur within this coastal region and are underlain by sedimentary units. Specifically, the site is located within the coastal plain section of the Peninsular Range Geomorphic Province of California, which generally consists of subdued landforms underlain by sedimentary bedrock.

3.2 Site-Specific Geology

Based on our subsurface exploration, and review of pertinent geologic literature and maps (Appendix A), the geologic units underlying the site consist of surficial units of undocumented artificial fill materials overlying Quaternary-aged Old Paralic Deposits, which in turn overlies the Tertiary-aged San Onofre Brecia. The approximate aerial distributions of those units are shown on the Geotechnical Map (Figure 2). A brief description of the geologic units encountered on the site is presented below. The approximate vertical distribution of geologic units underlying the site are shown on Geologic Cross-Sections A-A' and B-B' (Figure 3).

3.2.1 Undocumented Fill (Afu)

As encountered in our subsurface explorations, undocumented fill soils were observed across the entire site ranging between approximately 3 to 3½ feet in thickness. Localized deeper unknown fills associated with past development may exist across the site. An as-graded report was not available for our review, and it is assumed that no engineering observations of these fill soils were provided at the time of grading. As encountered in the excavations, the fill soils generally consist of loose, reddish brown to dark reddish brown, moist, silty sand with trace amounts of fine gravel.

3.2.2 Quaternary-aged Old Paralic Deposits (Qop_6)

Underlying the existing undocumented artificial fill soils, Quaternary-aged Old Paralic Deposits were encountered at depths ranging between

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approximately 3½ to 18 feet bgs. As encountered, these deposits generally consist of brown to reddish brown, strong brown, light brownish gray, medium dense to very dense, moist, friable poorly-graded sands to silty sands and clayey sands .

3.2.3 Tertiary-aged San Onofre Breccia (Tso)

Underlying the Quaternary-aged Old Paralic Deposits, the formational material consisting of the Tertiary-aged San Onofre Breccia was encountered at a depth of approximately 18 feet bgs. As encountered, the San Onofre Breccia generally consists of angular to sub-angular gravels and cobbles up to 12-inches in diameter with a moderate to well cemented, very dense, light brownish gray to grayish brown, and light olive brown to yellowish brown silty soil matrix. As mentioned previously, auger refusal on gravel-cobble was encountered within geotechnical borings B-1, B-2, and B-4. Importantly, very dense Breccia and oversize material within the Breccia should be anticipated during shoring excavations which may require breaking and alternate drilling methods.

3.3 Geologic Structure

Based on the results of our current investigation, literature review, and our professional experience on nearby sites, the Old Paralic Deposits and San Onofre Breccia are generally massive with no well-defined bedding.

3.4 Surface and Groundwater

No indication of surface water or evidence of surface ponding was encountered during our geotechnical investigation at the site. However, surface water may drain as sheet flow across the site during rainy periods.

Although groundwater was not encountered during our explorations, localized perched water may be encountered seasonally along geological contacts. Importantly, based on the depth to groundwater at nearby properties, the depth to groundwater at the site is estimated to be approximately +8 feet Mean Sea Level (msl [approximately 38 feet bgs]).

In summary, considering the estimated depth of the proposed subsurface parking basement with foundations approximately 20 to 25 feet below ground surface, groundwater is not expected to impact the proposed development. However, groundwater may be encountered during soldier pile excavations for subsurface shoring. In addition, seepage conditions may locally be encountered after periods

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of heavy rainfall or irrigation. These conditions can be treated on an individual basis during construction if they occur.

3.5 Engineering Characteristics of On-site Soils

Based on the results of our laboratory testing of representative on-site soils, and our professional experience on similar sites with similar soils conditions, the engineering characteristics of the on-site soils are discussed below.

3.5.1 Expansion Potential

Based on our field observations, experience at nearby sites, and subsurface investigation, generally low expansive soils are anticipated at this site. However, localized more expansive soils may be encountered during grading. Nevertheless, expansive soils are not anticipated to impact the proposed site development.

3.5.2 Soil Corrosivity

A screening of the onsite materials for corrosivity was performed to evaluate their potential effect on concrete and ferrous metals. The corrosion potential was evaluated using the results of laboratory testing on one representative soil sample obtained during our subsurface evaluation.

Laboratory testing was performed to evaluate pH, minimum electrical resistivity, and chloride and soluble sulfate content. The sample tested had a measured pH of 7.85 and a measured minimum electrical resistivity of 1,890 ohm-cm. The test results also indicated that the sample had a chloride content of 80 parts per million (ppm) and a soluble sulfate content of 202 ppm.

3.5.3 Excavation Characteristics

The site is underlain by undocumented fill and Old Paralic Deposits which consists of silty to poorly-graded sands with localized zones of cobble and gravel. At depth, the site is underlain by San Onofre Breccia which consists of silty gravel with sand and variable amounts of cobble. With regards to the proposed project, it is anticipated that the fill materials and Paralic Deposits can be excavated with conventional heavy-duty construction equipment. However, excavations within the San Onofre Breccia may encounter moderately to strongly cemented material that can be difficult to excavate during basement and shoring construction. If encountered, heavy ripping or breaking may be needed during the excavation of moderately to strongly cemented conglomerate material. Caving and sloughing should be

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anticipated in zones of poorly graded sands, friable sandstones, and gravel/cobble during shoring and foundation excavations. Oversize cobble material (typically over 6 inches in maximum dimension) should be anticipated in the Old Paralic Deposits and the San Onofre Breccia. Oversize cobble material should be placed in non-structural areas or hauled off-site.

3.5.4 Infiltration

No field percolation tests have been performed at the project site. However, based on the presence of existing adjacent underground utilities and existing settlement sensitive improvements and fills up to five feet in thickness, the site is not considered feasible for infiltration and is therefore categorized as a “No Infiltration” site.

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4.0 SEISMICITY

4.1 Regional Tectonic Setting

The site is located within the Peninsular Ranges Geomorphic Province, which is traversed by several major active faults. The Whittier-Elsinore, San Jacinto, and the San Andreas faults are major active fault systems located east to northeast of the site, and the Rose Canyon, Newport-Inglewood (offshore), and Coronado Bank are active faults located west to southwest of the site (Jennings, 2010). The primary seismic risk to the site area is the Newport-Inglewood Fault Zone located approximately 3.8 miles west of the site (USGS, 2008).

4.2 Local Faulting

The California Geologic Survey (CGS, 2007) defines a Holocene-active fault as a fault which has "had surface displacement within Holocene time (about the last 11,700 years)." Our review of available geologic literature (Appendix A) indicates that there are no known pre-Holocene or Holocene-active faults transecting the site. The site is also not located within any State mapped Earthquake Fault Zones or County of San Diego mapped fault zones. The nearest active fault is the Newport-Inglewood Fault Zone located approximately 3.8 miles west of the site (USGS, 2008).

4.3 Seismicity

The site is considered to lie within a seismically active region, as is all of Southern California. As previously mentioned above, the Newport-Inglewood Fault Zone is located approximately 3.8 miles west of the site is considered the 'active' fault having the most significant effect at the site from a design standpoint.

4.4 Seismic Hazards

Severe ground shaking is most likely to occur during an earthquake on one of the regional active faults in Southern California. The effect of seismic shaking may be mitigated by adhering to the California Building Code or state-of-the-art seismic design parameters of the Structural Engineers Association of California.

4.4.1 Shallow Ground Rupture

As mentioned above, no pre-Holocene or Holocene-active faults are mapped crossing or projecting toward the site. Due to the absence of faults at the site, surface rupture from faulting is considered low.

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4.4.2 Mapped Fault Zones

The site is not located within a State mapped Earthquake Fault Zone (EFZ), nor is it located within a County of San Diego Fault Zone. As previously discussed, the site is not underlain by known faults.

4.4.3 Site Class

Utilizing 2022 California Building Code (CBC) procedures, we have characterized the site soil profile to be Site Class C based on boring exploration blow counts and on our experience with similar sites in the project area and the results of our subsurface evaluation.

4.4.4 Building Code Mapped Spectral Acceleration Parameters

The effect of seismic shaking may be mitigated by adhering to the California Building Code and state-of-the-art seismic design practices of the Structural Engineers Association of California. Provided in Table 1 are the spectral acceleration parameters for the project determined in accordance with the 2022 CBC (CBSC, 2022) and SEAOC/OSHPD Seismic Design Maps Web Application (2022).

Table 1
2022 CBC Mapped Spectral Acceleration Parameters

Site Class	C		
Site Coefficients	F_a	=	1.2
	F_v	=	1.5
Mapped MCE Spectral Accelerations	S_S	=	1.074g
	S_1	=	0.392g
Site Modified MCE Spectral Accelerations	S_{MS}	=	1.289g
	S_{M1}	=	0.588g
Design Spectral Accelerations	S_{DS}	=	0.859g
	S_{D1}	=	0.392g

Utilizing ASCE Standard 7-16, in accordance with Section 11.8, the following additional parameters for the peak horizontal ground acceleration are associated with the Geometric Mean Maximum Considered Earthquake (MCE_G). The mapped MCE_G peak ground acceleration (PGA) is 0.473g for the site. For a Site Class D, the F_{PGA} is 1.2 and the mapped peak ground acceleration adjusted for Site Class effects (PGA_M) is 0.568g for the site.

Since the mapped spectral response at 1-second period is less than 0.75g, then all structures subject to the criteria in Section 1613.2.5 of the 2022 CBC are assigned Seismic Design Category D.

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4.5 Secondary Seismic Hazards

In general, secondary seismic hazards can include soil liquefaction, seismically-induced settlement, lateral displacement, surface manifestations of liquefaction, landsliding, seiches, and tsunamis. The potential for secondary seismic hazards at the site is discussed below.

4.5.1 Liquefaction and Dynamic Settlement

Liquefaction and dynamic settlement of soils can be caused by strong vibratory motion due to earthquakes. Both research and historical data indicate that loose, saturated, granular soils are susceptible to liquefaction and dynamic settlement. Liquefaction is typified by a loss of shear strength in the affected soil layer, thereby causing the soil to behave as a viscous liquid. This effect may be manifested by excessive settlements and sand boils at the ground surface.

Based on our evaluation, the on-site soils are not considered liquefiable due to their very dense condition and absence of a shallow groundwater condition. Considering planned grading and foundation design measures, dynamic settlement potential is also considered negligible.

4.5.2 Lateral Spread

Empirical relationships have been derived (Youd et al., 1999) to estimate the magnitude of lateral spread due to liquefaction. These relationships include parameters such as earthquake magnitude, distance of the earthquake from the site, slope height and angle, the thickness of liquefiable soil, and gradation characteristics of the soil.

Based on the low susceptibility to liquefaction and the formational material units underlying the site, the possibility of earthquake-induced lateral spread is considered to be low for the site.

4.5.3 Tsunamis and Seiches

Based on our review of the San Diego County Tsunami Inundation Map for Emergency Planning, Oceanside/San Luis Rey Quadrangle, (CalEMA, 2009), the favorable geologic and seismic conditions along the coastline, and site elevation, there is little potential for catastrophic damage due to tsunamis.

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4.6 Landslides

Several formations within the San Diego region are particularly prone to landsliding. These formations generally have high clay content and mobilize when they become saturated with water. Other factors, such as steeply dipping bedding that project out of the face of the slope and/or the presence of fracture planes, will also increase the potential for landsliding.

No landslides or indications of deep-seated landsliding were indicated at the site during our current field exploration or our review of available geologic literature, topographic maps, and stereoscopic aerial photographs (Appendix A). Furthermore, our field explorations and local geologic maps indicate the site is generally underlain by favorable oriented geologic structure, consisting of massively bedded sandstone and conglomerate. Therefore, the potential for significant landslides or large-scale slope instability at the site is considered low.

4.7 Flood Hazard

According to a Federal Emergency Management Agency (FEMA) flood insurance rate map (FEMA, 2019); the site is not located within a floodplain. In addition, the site is not located downstream of a dam or within a dam inundation area based on our review of topographic maps. Therefore, the potential for flooding of the site is considered very low.

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5.0 CONCLUSIONS

Based on the results of our geotechnical investigation of the site, it is our opinion that the proposed development is feasible from a geotechnical standpoint, provided the following conclusions and recommendations are incorporated into the project plans and specifications. The following is a summary of the significant geotechnical factors that we expect may affect the development of the site.

- As the site is located in the seismically active southern California area, all structures should be designed to tolerate the dynamic loading resulting from seismic ground motions.

- Holocene-active or pre-Holocene active faults do not transect and do not project toward the site. The closest Holocene-active fault is the Newport-Inglewood Fault Zone located approximately 3.8 miles west of the site.

- Excavations at the site will require temporary shoring to facilitate construction of the subsurface levels and to reduce the potential vertical and horizontal ground movements (i.e., damage) beneath the existing public streets and adjacent improvements.

- The undocumented fill soils onsite are potentially compressible. These soils are not considered suitable for structural loads or support of engineered fill soils or site improvements in their present condition. We anticipate that these materials will be removed during the proposed basement excavation. If not removed, the undocumented fill materials should be remediated in accordance with Section 6 of this report.

- The existing onsite soils appear to be suitable for reuse as fill provided they are relatively free of organic material, debris, and rock fragments larger than 6 inches in maximum dimension.

- Based on the results of our subsurface exploration, we anticipate that the undocumented fill materials and Old Paralic Deposits should be generally rippable with conventional heavy-duty earthwork equipment. However, heavy ripping and/or breaking within the San Onofre Breccia may be required during shoring and foundation excavations. It should be noted that gravel and cobble layers, as well as cemented concretionary zones, exist within the underlying formational materials that may impede drilling for shoring.

  Caving and sloughing of excavations with poorly graded sands, friable sandstone, and gravel/cobble layers should also be anticipated in those zones. In addition, unknown

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items such as buried concrete footings left from previous site development should be anticipated.

- Based on our experience with similar sites within the vicinity and the results of our exploration of the site, excavations within the underlying soil materials may encounter zones of poorly graded cohesionless and friable sands that will likely cave or slough during site excavation. In these cases, care should be taken, which may include excavating shorter open-face segments.

- Based on laboratory testing and visual classification, materials derived from the on-site materials have a very low expansion potential, although locally more expansive materials may be encountered.

- Groundwater was not encountered during our investigation, nor is groundwater anticipated to be encountered during site excavation and construction except as possible seepage during/after episodes of precipitation or in areas of irrigation.

- Although Leighton does not practice corrosion engineering, laboratory test results indicate the soils present on the site have a negligible potential for sulfate attack on normal concrete. In addition, the onsite soils are considered to not have a corrosive potential to buried uncoated ferrous metals. We recommend that a corrosion engineer may be retained to design corrosion protection systems and to evaluate the appropriate concrete properties for the project.

- Based on the results of our geotechnical study, we do not recommend the practice of surface water infiltration into near surface soils at the site due to the proximity of numerous settlement sensitive improvements, along with the dense nature of the underlying materials.

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6.0 RECOMMENDATIONS

6.1 Earthwork

We anticipate that earthwork at the site will consist of site preparation, installation of shoring, excavation, and placement of backfill. We recommend that earthwork on the site be performed in accordance with the following recommendations and the General Earthwork and Grading Specifications for Rough Grading included in Appendix D. In case of conflict, the following recommendations shall supersede those in Appendix D.

6.1.1 Site Preparation

Prior to grading, all areas to receive structural fill or engineered structures should be cleared of surface and subsurface obstructions, including any existing debris and undocumented or loose fill soils, and stripped of vegetation. Removed vegetation and debris should be properly disposed off-site. All areas to receive fill and/or other surface improvements should be scarified to a minimum depth of 6 inches, brought to above-optimum moisture conditions, and recompacted to at least 90 percent relative compaction (based on ASTM Test Method D 1557).

6.1.2 Excavations and Oversize Material

Excavations of the onsite materials may generally be accomplished with conventional heavy-duty earthwork equipment. However, local heavy ripping or breaking may be required if cemented formational material is encountered.

Surficial soils present on site may cave during trenching operations. In accordance with OSHA requirements, excavations deeper than 5 feet should be shored or be laid back in accordance with Section 6.2 if workers are to enter such excavations. Shoring recommendations are presented in Section 6.4.

6.1.3 Remedial Grading

Undocumented fill soils not removed by the planned grading should be excavated, moisture-conditioned, and then compacted prior to placing any additional fill or improvements (such as flatwork, etc.). In areas surrounding the planned excavation that receive fill or other surface improvements, these soils should be removed down to competent Old Paralic Deposits and recompacted to proposed grades. The thickness of these soils may vary across the site and may be locally deeper in certain areas. Also, the

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contractor should note that, as typical in areas of redevelopment, buried septic systems and/or foundations may be encountered which may necessitate deeper removals or other remedial grading/excavation.

6.1.4 Transition and Overexcavation Areas

Although not anticipated, in order to reduce the potential for differential settlements between cut and fill materials, the entire cut portion of cut/fill transitions beneath any proposed buildings and/or structures should be overexcavated to a minimum depth of 3 feet below finish grade, or to a maximum ratio of fill thickness of 3:1 (maximum to minimum) and replaced with compacted fill. The recommended overexcavation should extend at least 5 feet beyond the proposed footprint of the buildings and/or structures.

6.1.5 Fill Placement and Compaction

The onsite soils are generally suitable for use as compacted fill provided they are free of organic material, debris, and rock fragments larger than 6 inches in maximum dimension. Note that soils with a medium expansion index (EI > 50), if encountered, should be placed a minimum of 5 feet below proposed finish grade or at least 4 feet below the bottom of any proposed foundation, whichever is greater. All fill soils should be brought to at least 3 percent optimum moisture conditions (i.e., depending on the soil types) and compacted in uniform lifts to at least 90 percent relative compaction based on laboratory standard ASTM Test Method D 1557; and 95 percent relative compaction for wall backfill soils or when wall backfill soils are used for structural purposes (such as to support a footing, wall, etc.).
The optimum lift thickness required to produce a uniformly compacted fill will depend on the type and size of compaction equipment used. In general, fill should be placed in lifts not exceeding 8 inches in thickness.

In vehicle pavement areas, the upper 12 inches of subgrade soils should be scarified then moisture conditioned to a moisture content above optimum content and compacted to 95 percent or more relative to the maximum laboratory dry density, as evaluated by ASTM D 1557.

Placement and compaction of fill should be performed in general accordance with current City of Oceanside grading ordinances, California Building Code and sound construction practices, these recommendations, and the General Earthwork and Grading Specifications for Rough Grading presented in Appendix D.

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6.1.6 Expansive Soils and Selective Grading

It is not anticipated that highly expansive soils will be encountered during site grading. We anticipate that the cuts for the structure will be excavated into material that has a very low potential for expansion. Expansion testing should be performed on the finish grade soils to verify their expansion potential. If highly expansive soils are present within 5 feet of finish grade at the surface, specific foundation, slab-on-grade, and flatwork recommendations will be required.

6.1.7 Utility Trench Excavation and Backfill

All excavation work should comply with the current requirements of OSHA. Trenches (either open or backfilled) which parallel structures, pavements, or flatwork should be planned so that they do not extend below a plane having a downward slope of one vertical and two horizontal from a line nine inches above the bottom edge of footings, pavements, or flatwork. Also, no parallel trenches should be closer than 1½ feet from the closest edge of footings, pavements, or flatwork. Should it be necessary to locate parallel trenches which do not meet the criteria recommended above for footings at conventional depth, we recommend that the footing depths be increased until the criteria are met.

A check should be made by the civil designer to verify that all trenches comply with the setback recommendations of this paragraph. If there are special cases where these requirements are not practical, the civil designer should communicate with the project geotechnical engineer and architect on a case-by-case basis.

Pipe bedding should consist of sand with a sand equivalent (SE) of not less than 30. Bedding should be extended the full width of the trench for the entire pipe zone, which is the zone from the bottom of the trench, to one foot above the top of the pipe. The sand should be brought up evenly on each side of the pipe to avoid unbalanced loads. Onsite materials will probably not meet bedding requirements. Except for predominantly clayey soils, the onsite soils may be used as trench backfill above the pipe zone provided they are free of organic matter and have a maximum particle size of three inches. Compaction by jetting or flooding is not recommended.

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6.2 Temporary Excavations

Sloping excavations may be utilized when adequate space allows. Based on the results of our evaluation, we provide the following recommendations for sloped excavations in competent fill soils or competent formational materials without seepage conditions.

Table 2
Maximum Slope Ratios

Excavation Depth (feet)	Maximum Slope Ratio In Fill Soils	Maximum Slope Ratio In Competent Formation
0 to 5	1:1 (Horizontal to Vertical)	Vertical
5 to 20	1.5:1 (Horizontal to Vertical)	1:1 (Horizontal to Vertical)

The above values are based on the assumption that no surcharge loading or equipment is present within 10 feet of the top of slope. Care should be taken during design of excavations adjacent to the existing structures so that foundation support is preserved. A "competent person" should observe the slope on a daily basis for signs of instability.

6.3 Foundation and Slab Considerations

Foundations and slabs should be designed in accordance with structural considerations and the following recommendations. These recommendations assume that the soils encountered within 5 feet of pad grade have a very low to medium potential (i.e. expansion index <70) for expansion. If highly expansive soils are encountered, additional foundation design may be necessary.

6.3.1 Foundations

Based on the current site conditions, we recommend the proposed buildings and/or structures be supported by conventional footings on undisturbed competent native soils. For conventional continuous or isolated spread footings, a maximum allowable bearing pressure of 4,500 pounds per square foot (psf) is recommended. Footings should extend a minimum of 24 inches beneath the lowest adjacent soil grade. The allowable pressure may be increased by one-third when considering loads of short duration such as wind or seismic forces. The minimum recommended width of footings is 18 inches for continuous footings and 24 inches for square or round footings. Continuous footings should be designed in accordance with the structural engineer requirements and have a minimum reinforcement of

DRAFT

four No. 5 reinforcing bars (two top and two bottom). Reinforcement of isolated footings should be per the structural engineer's design.

The recommended allowable bearing capacities are based on a maximum total and differential settlement of 1 inch and 3/4 of an inch, respectively, with all footings founded in competent artificial fill material. Since settlements are a function of footing size and contact bearing pressures, some differential settlement can be expected between adjacent columns or walls where a large differential loading condition exists.

6.3.2 Foundation Setback

We recommend a minimum horizontal setback distance from the face of slopes and retaining walls for all structural foundations, footings, and other settlement-sensitive structures as indicated on the Table 3 below. This distance is measured from the outside bottom edge of the footing, horizontally to the slope face, and is based on the slope height.
However, the foundation setback distance may be revised by the geotechnical consultant on a case-by-case basis if the geotechnical conditions are different than anticipated.

Table 3
Minimum Foundation Setback from Slope Faces

Slope Height	Setback
less than 5 feet	5 feet
5 to 15 feet	7 feet
15 to 30 feet	10 feet

Please note that the soils within the structural setback area possess poor lateral stability, and improvements (such as retaining walls, sidewalks, fences, pavements, etc.) constructed within this setback area may be subject to lateral movement and/or differential settlement.

Potential distress to such improvements may be mitigated by providing a deepened footing or a grade beam foundation system to support the improvement. Depending on their proximity to the top of slopes, these structures may require retaining walls and/or deepened foundations.

In addition, open or backfilled utility trenches that parallel or nearly parallel structure footings should not encroach within an imaginary 1:1 (horizontal

DRAFT

to vertical) downward sloping line starting 9 inches above the bottom edge of the footing and should also not be located closer than 18 inches from the face of the footing. Deepened footings should meet the setbacks as described above. Also, over-excavation should be accomplished such that deepening of footings to accomplish the setback will not introduce a cut/fill transition bearing condition.

Where pipes may cross under footings, the footings should be specially designed. Pipe sleeves should be provided where pipes cross through footings or footing walls and sleeve clearances should provide for possible footing settlement, but not less than 1 inch around the pipe.

6.3.3 Slab Design

Slabs-on-grade floors should be reinforced with reinforcing bars placed at mid-height in the slab. Slabs should have crack joints at spacing designed by the structural engineer. Columns should be structurally isolated from slabs. Slabs should be a minimum of 5 inches thick and reinforced with No. 3 rebars at 18 inches on center or No. 4 rebars at 24 inches on center (each way). The slab should be underlain by a 4-inch layer of clean sand or pea gravel. A moisture barrier should be placed above the sand layer if reduction of moisture vapor up through the concrete slab is desired. If additional loading is anticipated (i.e., basement floor slab with traffic loading), a slab thickness of at least 6 inches with reinforcement should be used.

6.3.4 Moisture Conditioning

The slab subgrade soils underlying the foundation systems should be presoaked in accordance with the recommendations presented in Table 4 prior to placement of the moisture barrier and slab concrete. The subgrade soil moisture content should be checked by a representative of Leighton prior to slab construction.

Presoaking or moisture conditioning may be achieved in a number of ways. But based on our professional experience, we have found that minimizing the moisture loss on pads that have been completed (by periodic wetting to keep the upper portion of the pad from drying out) and/or berming the lot and flooding for a short period of time (days to a few weeks) are some of the more efficient ways to meet the presoaking recommendations. If flooding is performed, a couple of days to let the upper portion of the pad dry out and form a crust so equipment can be utilized should be anticipated.

DRAFT

Table 4 Presoaking Recommendations	
Expansion Potential	Presoaking Recommendations
Very Low	Near-optimum moisture content to a minimum depth of 6 inches
Low	120 percent of the optimum moisture content to a minimum depth of 12 inches below slab subgrade
Medium	130 percent of the optimum moisture content to a minimum depth of 18 inches below slab subgrade

6.3.5 Lateral Earth Pressures and Retaining Wall Design

Table 5 presents the lateral earth pressure values for level or sloping backfill for walls backfilled with and bearing against fully drained soils of very low to low expansion potential (less than 50 per ASTM D4829).

Table 5 Static Equivalent Fluid Weight (pcf)		
Conditions	Level	2:1 Slope
Active	35	55
At-Rest	55	65
Passive	350 (Maximum of 3 ksf)	150 (Sloping Down)

Walls up to 10 feet in height should be designed for the applicable equivalent fluid unit weight values provided above. If conditions other than those covered herein are anticipated, the equivalent fluid unit weight values should be provided on an individual case-by-case basis by the geotechnical engineer. A surcharge load for a restrained or unrestrained wall resulting from automobile traffic may be assumed to be equivalent to a uniform lateral pressure of 75 psf which is in addition to the equivalent fluid pressure given above. For other uniform surcharge loads, a uniform pressure equal to 0.35q should be applied to the wall. The wall pressures assume walls are backfilled with free draining materials and water is not allowed to accumulate behind walls.

A typical drainage design is contained in Appendix D. Wall backfill should be compacted by mechanical methods to at least 90 percent relative compaction (based on ASTM D1557). If foundations are planned over the backfill, the backfill should be compacted to 95 percent. Wall footings should be designed in accordance with the foundation design recommendations and reinforced in accordance with structural

DRAFT

considerations. For all retaining walls, we recommend a minimum horizontal distance from the outside base of the footing to daylight as outlined in Section 6.3.2.

Lateral soil resistance developed against lateral structural movement can be obtained from the passive pressure value provided above. Further, for sliding resistance, the friction coefficient of 0.35 may be used at the concrete and soil interface. These values may be increased by one-third when considering loads of short duration including wind or seismic loads. The total resistance may be taken as the sum of the frictional and passive resistance provided that the passive portion does not exceed two-thirds of the total resistance.

To account for potential redistribution of forces during a seismic event, retaining walls providing lateral support where exterior grades on opposites sides differ by more than 6 feet fall under the requirements of 2022 CBC Section 1617A.11 and/or ASCE 7-16 Section 15.6.1 and should also be analyzed for seismic loading. For that analysis, an additional uniform lateral seismic force of 9H should be considered for the design of the retaining walls with level backfill, where H is the height of the wall.

6.4 Shoring of Excavations

Based on our understanding of the project, we expect excavations up to two levels for basement parking. Accordingly, and because of the limited space, temporary shoring of vertical excavations may be required. We recommend that vertical excavations be retained either by a cantilever shoring system deriving passive support from cast-in-place soldier piles (i.e. lagging-shoring system) or a restrained tie-back and pile system.

Based on our experience with similar projects, if lateral movement of the shoring system on the order of more than 1 inch cannot be tolerated, we recommend the utilization of a restrained tie-back and pile system. Shoring of excavations of this size is typically performed by specialty contractors with knowledge of the metropolitan San Diego area soil conditions. Lateral earth pressures for design of shoring are presented below:

<u>Cantilever Shoring System</u>
Active pressure = 35H (psf), triangular distribution
Passive Pressure = 350h (psf)
H = wall height (active case) or h = embedment (passive case)

DRAFT

Multi-Braced Shoring System
Active pressure = 29H (psf), triangular distribution
Passive Pressure = 350h (psf)
H = wall height (active case) or h = embedment (passive case)

Based on the subsurface materials encountered during the geotechnical exploration and our experience with nearby projects, it is our opinion that the caving potential of the on-site soils is moderate due to the presence of dense to very dense, but yet friable sands and gravels associated with the underlying Old Paralic Deposits and San Onofre Breccia. To accommodate installation of the shoring in the dense to very dense underlying geologic units, wide-flange sections may be installed into pre-drilled holes surrounded by concrete. If caving of the drilled holes occurs, drilling slurry or casing may be required. In addition, caving of drilled holes for the tieback anchors should be anticipated. During downward advancement of the shoring walls care in these cases should be exercised which may include the excavation of shorter open-face segments.

All shoring systems should consider adjacent surcharging, such as the presence of equipment. The above pressures do not include hydrostatic pressures; it is assumed that any temporary shoring will not be subject to hydrostatic pressures because the groundwater elevation will be generally lower than the bottom of the excavation. The pressures above assume the excavation will be free of water 5 feet below the bottom of the excavation and behind vertical shoring elements. If shoring or soldier piles extend below the water table, the effects of groundwater should be accounted for in the design of shoring.

A uniform horizontal pressure of 75 psf should be exerted against the walls that are adjacent to vehicular traffic within the upper 15 feet of the excavation. Special cases such as combinations of sloping and shoring, or other surcharge loads, should be evaluated by the project geotechnical engineer on a case-by-case basis.

For design of tie-backs, we recommend a concrete-soil bond stress of 600 psf of the concrete-soil interface area for straight shaft anchors installed by a competent contractor. This value should be considered only behind a 35 degree line (measured from the vertical) passing through a point located 5 feet below the bottom of the excavation. Temporary tie-back anchors should be individually proof-tested to 130 percent of design capacity. Further details and design criteria for tie-backs can be provided as appropriate. Since design of retaining systems is sensitive to surcharge pressures behind the excavation, we recommend that this

DRAFT

office be consulted if unusual load conditions are anticipated. Care should be exercised when excavating into the on-site soils since caving or sloughing of these materials is possible. We recommend that the void space behind lagging be filled with sand/cement slurry. Where the shoring designer elects to allow the contractor to utilize tamped soil backfill, the material should be tightly packed and all voids filled. Field testing of tie-backs and observation of soldier pile excavations should be performed during construction.

6.5 Monitoring of Shoring

Settlement monitoring of adjacent sidewalks and structures should be performed to evaluate the performance of the shoring. Shoring of the excavation is the responsibility of the contractor. Extreme caution should be used to minimize damage to existing pavement, utilities, and/or structures caused by settlement or reduction of lateral support. Once the shoring contractor is selected, a detailed excavation phasing plan should be submitted and reviewed by the shoring designer and geotechnical engineer.

The shoring should be surveyed for vertical and horizontal deflection by the Civil Engineer at the top, mid-point, and bottom of each wall face (4 faces) at 50-foot intervals along the wall length. Vertical settlements should be surveyed along an alignment behind the wall at each of the mid-wall monitoring points to a distance behind the wall equal to 1/2 times the wall height. The survey points should be established prior to the start of construction and continued on a weekly basis as the construction proceeds and while the excavation remains open.
After completion of the excavation, the survey interval may be extended based on evaluation by the geotechnical consultant.

6.6 Design Groundwater Elevation

Groundwater was not encountered during our investigation, nor is groundwater anticipated to be encountered during site excavation and construction except as possible seepage during/after episodes of precipitation or in areas of irrigation. As mentioned previously, based on the depth to groundwater at nearby properties, the depth to groundwater at the site is estimated to be approximately +8 feet msl. Nevertheless, based on the above information, we do not anticipate groundwater will be a constraint to the construction of the proposed improvements. However, groundwater levels may fluctuate during periods of precipitation or season fluctuations.

DRAFT

6.7 Dewatering

We do not anticipate that groundwater will be encountered during construction and the proposed subterranean levels and shallow foundation excavations will not extend below the groundwater table. Therefore, dewatering during construction is not anticipated. However, based on our experience with similar projects, perched groundwater may cause nuisance seepage during the construction phase of the project. Perched groundwater should be anticipated locally across the site.

6.8 Concrete Flatwork

Concrete sidewalks and other flatwork (including construction joints) should be designed by the project civil engineer and should have a minimum thickness of 4 inches with No. 4 bars at 24 inches on center or No. 3 bars at 18 inches on center. For all concrete flatwork, the upper 12 inches of subgrade soils should be moisture conditioned to at least 4 to 6 percent above optimum moisture content depending on the soil type and compacted to at least 90 percent relative compaction based on ASTM Test Method D 1557 prior to the concrete placement. Moisture testing should be confirmed 24 hours prior to concrete placement. In areas of high expansive soil, we recommend the inclusion of dowels between curbs and/or exterior flatwork near exterior and interior walkways.

6.8.1 Pervious Pavements

If pervious pavements or the use of pavers are proposed, our office should review the proposed paving location and system to provide supplemental recommendations, if any.

6.9 Preliminary Pavement Design

Based on our experience at similar sites, we have assumed an R-value of 25 for preliminary pavement design. Actual subgrade R-value results should be verified during grading and an adjustment made to the base thicknesses as appropriate. If materials with lower R-value are placed as subgrade in proposed pavement areas, increased base thickness will be necessary. Flexible pavement sections have been evaluated in general accordance with the Caltrans method for flexible pavement design. The recommended flexible pavement section for this condition is given in Table 6 below:

DRAFT

Table 6 Preliminary Pavement Sections		
Assumed Traffic Index (TI)	Asphalt Concrete (inches)	Aggregate Base (inches)
4.5	3.0	8.5
5.0	3.0	8.5
6.0	4.0	10.5

Prior to placement of the aggregate base, the upper 12 inches of subgrade soils should be scarified, moisture-conditioned to at least optimum moisture content and compacted to a minimum 95 percent relative compaction based on ASTM Test Method D 1557.

Class 2 Aggregate Base or Crushed Aggregate Base should then be placed and compacted at a minimum 95 percent relative compaction in accordance with ASTM Test Method D 1557. The aggregate base material (AB) should be a maximum of 6 inches thick below the curb and gutter and extend a minimum of 6 inches behind the back of the curb. The AB should conform to and be placed in accordance with the approved grading plans, and latest revision of the Standard Specifications Public Works Construction (Greenbook), and City of Oceanside requirements.

The Asphalt Concrete (AC) material should conform to Caltrans Standard Specifications, Sections 39 and 92, with a Performance Grade (PG) of 64-10, and City of Oceanside requirements. The placement of the AC should be in accordance with the approved grading plans, Section 203-6 of the "Greenbook" Standard Specifications for Public Works Construction, and the City of Oceanside requirements.

For trash truck aprons, we recommend a full depth of Portland Cement Concrete section of 7 inches with No. 4 bars at 24 inches on center, each way steel and crack-control joints as designed by the project civil or structural engineer. We recommend that jointed sections be as nearly square as possible.

6.10 Geochemical Considerations

Concrete in direct contact with soil or water that contains a high concentration of soluble sulfates can be subject to chemical deterioration commonly known as "sulfate attack." Soluble sulfate results (Appendix C) indicated a negligible exposure potential for sulfate attack on normal concrete. The test results indicate that sulfate contents of the subsurface soils are categorized as having a sulfate exposure Class "S0" utilizing ACI 318R-14 Table 19.3.1.1. Concrete in contact

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with earth materials should be designed in accordance with Section 4 of ACI 318-14 (ACI, 2014) Table 19.3.2.1.

Minimum resistivity and pH tests were performed on representative samples of subgrade soils (Appendix C). Based on laboratory test results, the site soils are not considered corrosive to buried uncoated metal conduits (Caltrans, 2021). A corrosion consultant may be contacted for further recommendations.

6.11 Low Impact Development (LID) Measures and Infiltration

Based on the results of our geotechnical study, we do not recommend the practice of surface water infiltration into near surface soils at the site due to the proximity of settlement sensitive improvements, along with the dense nature of the underlying materials. Specifically, bioswales, infiltration basins, and other unlined onsite detention and retention systems can potentially create adverse perched groundwater conditions both on-site and off-site.

Although, infiltration-type BMPs are not recommended for use on the project, Low Impact Development (LID) BMPs that contain and filter surface waters (flow-through planters and bioretention areas) are acceptable provided that they are completely lined with an impermeable liner and have subdrain systems that tie into an approved existing or proposed storm drain system.

6.12 Surface Drainage and Erosion

Surface drainage should be controlled at all times and carefully taken into consideration during precise grading, landscaping, and construction of site improvements. Positive drainage (e.g., roof gutters, downspouts, area drains, etc.) should be provided to direct surface water away from structures and improvements and towards the street or suitable drainage devices.

Ponding of water adjacent to structures or pavements should be avoided. Roof gutters, downspouts, and area drains should be aligned so as to transport surface water to a minimum distance of 5 feet away from structures. The performance of structural foundations is dependent upon maintaining adequate surface drainage away from structures.

Water should be transported off the site in approved drainage devices or unobstructed swales. We recommend a minimum flow gradient for unpaved drainage within 5 feet of structures of 2 percent sloping away. The impact of heavy

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irrigation or inadequate runoff gradient can create perched water conditions, resulting in seepage or shallow groundwater conditions where previously none existed. Maintaining adequate surface drainage and controlled irrigation will significantly reduce the potential for nuisance-type moisture problems.

To reduce differential earth movements such as heaving and shrinkage due to the change in moisture content of foundation soils, which may cause distress to a structure and improvements, moisture content of the soils surrounding the structure should be kept as relatively constant as possible. Below grade planters should not be situated adjacent to structures or pavements unless provisions for drainage such as catch basins and drains are made.

All area drain inlets should be maintained and kept clear of debris in order to function properly. In addition, landscaping should not cause any obstruction to site drainage. Rerouting of drainage patterns and/or installation of area drains should be performed, if necessary, by a qualified civil engineer or a landscape architect.

6.13 Construction Observation and Plan Reviews

The recommendations provided in this report are based on preliminary design information and subsurface conditions disclosed by widely spaced borings.
The interpolated subsurface conditions should be checked in the field during construction. Construction observation of all onsite excavations and field density testing of all compacted fill should be performed by a representative of this office so that construction is in accordance with the recommendations of this report.
We recommend that where possible, excavation exposures be geologically mapped by the geotechnical consultant during grading for the presence of potentially adverse geologic conditions.

Final project drawings should be checked by Leighton before excavation to see that the recommendations provided in this report are incorporated in the project plans.

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7.0 LIMITATIONS

The conclusions and recommendations presented in this report are based in part upon data that were obtained from a limited number of observations, site visits, excavations, samples, and tests. Such information is by necessity incomplete. The nature of many sites is such that differing geotechnical or geological conditions can occur within small distances and under varying climatic conditions. Changes in subsurface conditions can and do occur over time. Therefore, the findings, conclusions, and recommendations presented in this report can be relied upon only if Leighton has the opportunity to observe the subsurface conditions during grading and construction of the project, in order to confirm that our preliminary findings are representative for the site.

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FIGURES

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Project: 13951.001	Eng/Geol: SAN/BEV/RCS
Scale: 1 " = 2,000 '	Date: August 2023

Reference: © 2023 Microsoft Corporation © 2023 Maxar ©CNES (2023) Distribution Airbus

Author: (mmurphy)

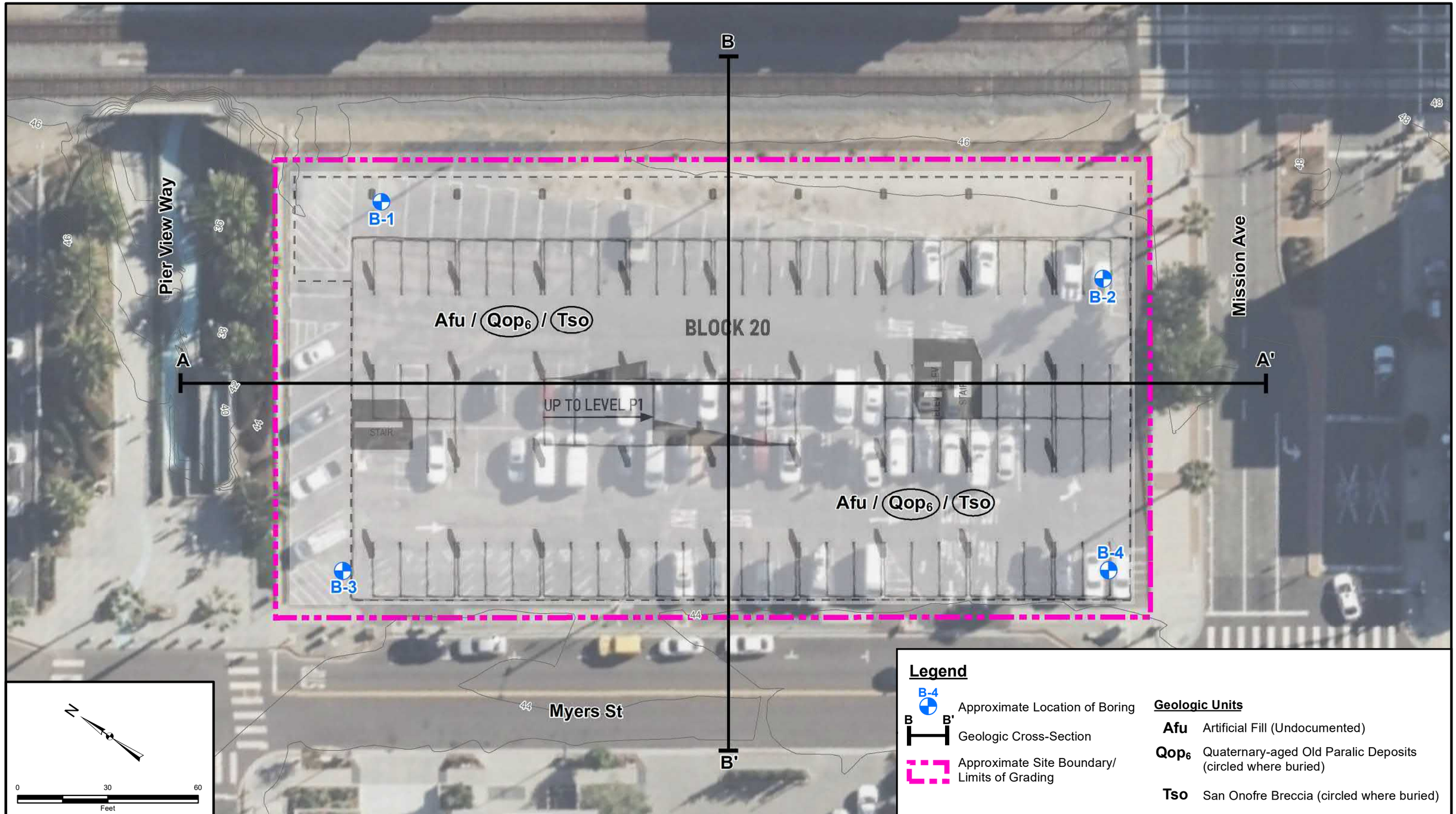
SITE LOCATION MAP

Ryan - Oceanside Block 20
Oceanside, California

FIGURE 1

Leighton

Map Saved as V:\Drafting\13951\Maps\Block 20\13951-001_F01_SLM--Block20_2023-07-21.mxd on 7/25/2023 8:28:19 AM



N

0 30 60
Feet

Legend

B-4 — Approximate Location of Boring

B B' — Geologic Cross-Section

Approximate Site Boundary/ Limits of Grading

Geologic Units

Afu Artificial Fill (Undocumented)

Qop_6 Quaternary-aged Old Paralic Deposits (circled where buried)

Tso San Onofre Breccia (circled where buried)

Project: 13951.001	Eng/Geol: SAN/BEV/RCS
Scale: 1 " = 30 '	Date: August 2023
Base Map: Bing Maps, 2016 2023	
Author: (mmurphy)	

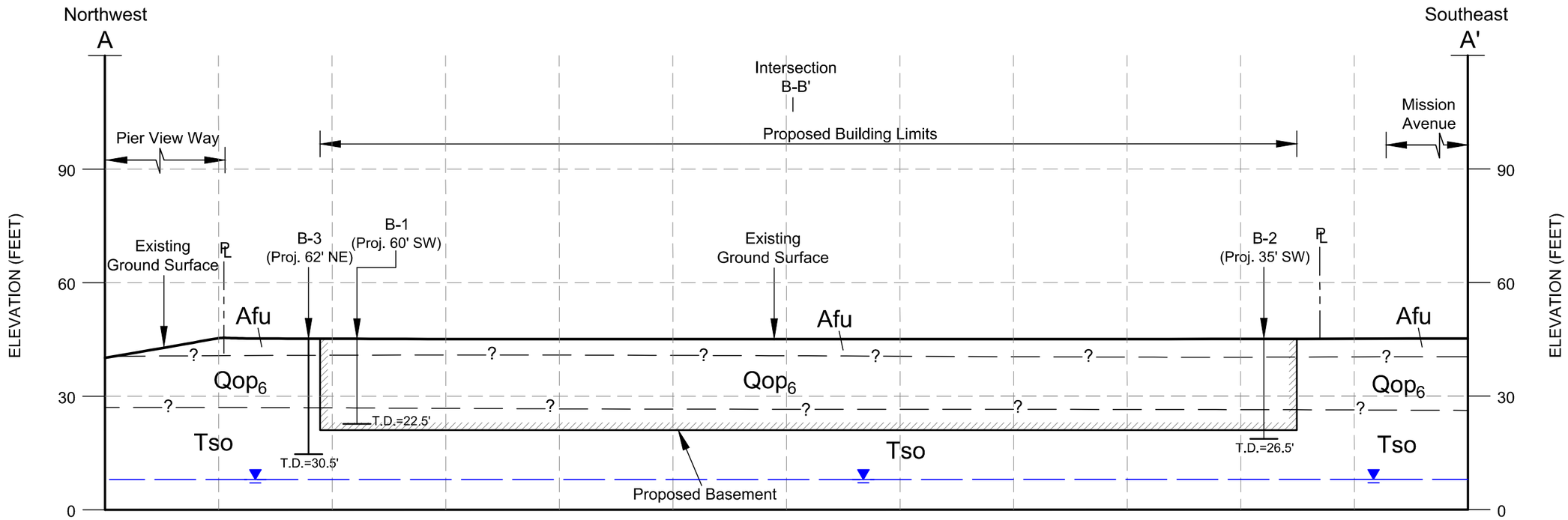
GEOTECHNICAL MAP

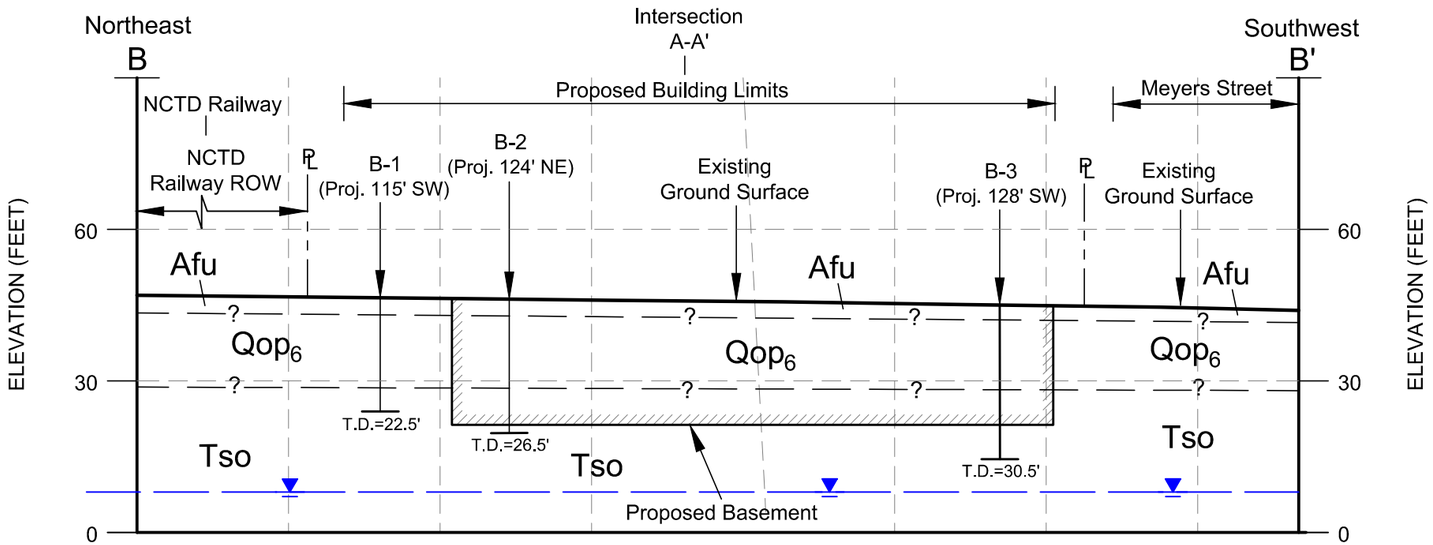
Ryan - Oceanside Block 20
Oceanside, California

FIGURE 2

Leighton

Map Saved as V:\Drafting\13951\Maps\Block 20\13951-001_F02-Block20_GM_2023-07-28.mxd on 7/28/2023 10:54:11 AM





Legend

B-3
T.D.=30.5'
Approximate Location of Geotechnical Boring Showing Total Depth

Approximate Groundwater Table

Approximate Geologic Contact

Geologic Units

Afu	Artificial Fill (Undocumented)
Qop_6	Quaternary-aged Old Paralic Deposits
Tso	San Onofre Breccia

0 30 60
SCALE FEET

Proj: 13951.001	Eng/Geol: SAN/BEV/RCS
Scale: 1"=30'	Date: August 2023
Base Map:	

GEOTECHNICAL CROSS-SECTIONS A-A' & B-B'

Ryan - Oceanside Block 20
Oceanside, California

FIGURE 3

Leighton

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APPENDIX A

REFERENCES

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APPENDIX A

REFERENCES

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APPENDIX B

BORING LOGS

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GEOTECHNICAL BORING LOG KEY

Date _____ **Sheet** 1 **of** 1

Project KEY TO BORING LOG GRAPHICS **Project No.** _____

Drilling Co. _____ **Type of Rig** _____

Hole Diameter _____ **Drive Weight** _____ **Drop** "

Elevation Top of Elevation ' **Location** _____

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per Foot	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	DESCRIPTION	Type of Tests
	0								Asphaltic concrete.	
									Portland cement concrete.	
								CL	Inorganic clay of low to medium plasticity; gravelly clay; sandy clay; silty clay; lean clay.	
								CH	Inorganic clay; high plasticity, fat clays.	
								OL	Organic clay; medium to plasticity, organic silts.	
	5							ML	Inorganic silt; clayey silt with low plasticity.	
								MH	Inorganic silt; diatomaceous fine sandy or silty soils; elastic silt.	
								ML-CL	Clayey silt to silty clay.	
								GW	Well-graded gravel; gravel-sand mixture, little or no fines.	
								GP	Poorly graded gravel; gravel-sand mixture, little or no fines.	
	10							GM	Silty gravel; gravel-sand-silt mixtures.	
								GC	Clayey gravel; gravel-sand-clay mixtures.	
								SW	Well-graded sand; gravelly sand, little or no fines.	
								SP	Poorly graded sand; gravelly sand, little or no fines.	
								SM	Silty sand; poorly graded sand-silt mixtures.	
	15							SC	Clayey sand; sand-clay mixtures.	
									Bedrock.	
									Ground water encountered at time of drilling.	
				B-1					Bulk Sample 1.	
	20			C-1					Core Sample.	
				G-1					Grab Sample.	
				R-1					Modified California Sampler (3" O.D., 2.5 I.D.).	
				SH-1					Shelby Tube Sampler (3" O.D.).	
				S-1					Standard Penetration Test SPT (Sampler (2" O.D., 1.4" I.D.).	
	25			PUSH					Sampler Penetrates without Hammer Blow.	
	30									

SAMPLE TYPES:

- S SPLIT SPOON
- R RING SAMPLE
- B BULK SAMPLE
- T TUBE SAMPLE
- G GRAB SAMPLE
- SH SHELBY TUBE

TYPE OF TESTS:

- DS DIRECT SHEAR
- MD MAXIMUM DENSITY
- CN CONSOLIDATION
- CR CORROSION
- SA SIEVE ANALYSIS
- AT ATTERBURG LIMITS
- EI EXPANSION INDEX
- RV R-VALUE

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GEOTECHNICAL BORING LOG B-1

Project No.	13951.001	**Date Drilled**	7-7-23
Project	Ryan Oceanside Block 20	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	42' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
40	0			B-1 (2"- 5')				SM	2" of ASPHALT CONCRETE **UNDOCUMENTED ARTIFICIAL FILL (Afu)** @ 2": Silty SAND, loose, dark reddish brown (2.5YR, 2.5/3), moist, fine SAND, trace fine gravel.	CR, SA
	5			S-1	3 6 7			SC	**QUATERNARY-AGED OLD PARALIC DEPOSITS (Qop)** @ 3.5': Clayey SAND, medium dense, reddish brown (2.5YR, 4/4), moist, fine SAND.	
35								SM	@ 5': Silty SAND, medium dense, reddish brown (5YR, 4/4), moist, fine to medium SAND, slightly micaceous, friable.	
30	10			R-1	11 25 34	116	8		@ 10': Becomes dense, reddish brown (5YR, 5/4).	
25	15			S-2	7 10 11				@ 15': Becomes pale brown (10YR, 6/3), fine SAND, micaceous, slighlty oxidized.	
20								GM	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 18': Silty GRAVEL with SAND, very dense, grayish brown (2.5Y, 5/2), moist, fine to medium SAND, fine to coarse gravel, slightly oxidized, trace cobble. @ 20': Sample disturbed, gravel-cobble fragments in sample.	
	20			R-2	50/3"					
15	25								**Auger Refusal on Gravel-Cobble at 22.5.5 Feet (bgs)** **No Groundwater or Seepage Encountered at Time of Drilling** **Backfilled on 7/7/23**	
	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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GEOTECHNICAL BORING LOG B-2

Project No.	13951.001	**Date Drilled**	7-7-23
Project	Ryan Oceanside Block 20	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	42' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log (N / S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
40	0			B-1 (2"-5')				SM	2" of ASPHALT CONCRETE **UNDOCUMENTED ARTIFICIAL FILL (Afu)** @ 2": Silty SAND, loose, reddish brown (2.5YR, 4/4), moist, fine SAND.	
								SC	**QUATERNARY-AGED OLD PARALIC DEPOSITS (Qop)** @ 3.5': Clayey SAND, medium dense, reddish brown (2.5YR, 4/4), moist, fine SAND.	
35	5			R-1	10 18 26	125	5	SM	@ 5': Silty SAND, dense, brown (7.5YR, 4/4), moist, fine to medium SAND, slightly micaceous, friable.	
30	10			S-1	16 20 34				@ 10': Becomes very dense.	
25	15			R-2	15 25 30	103	4		@ 15': Becomes light brownish gray (10YR, 6/2), micaceous, oxidized.	
20	20			S-2	50/2"			GM	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 18': Silty GRAVEL with SAND, very dense, grayish brown (2.5Y, 5/2), moist, fine to medium SAND, fine to coarse gravel, slightly oxidized, trace cobble. @ 20': Very low recovery, gravel-cobble fragments in sampler.	
15	25			S-3	50/4"				@ 25': Becomes light olive brown (2.5Y, 5/4), very low recovery, gravel-cobble fragments in sampler.	
	30								**Auger Refusal on Gravel-Cobble at 26.5 Feet (bgs)** **No Groundwater or Seepage Encountered at Time of Drilling** **Backfilled on 7/7/23**	

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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GEOTECHNICAL BORING LOG B-3

Project No.	13951.001	**Date Drilled**	7-7-23
Project	Ryan Oceanside Block 20	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	42' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log (N / S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
									This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
40	0			B-1 (2"- 5')				SM	2" of ASPHALT CONCRETE **UNDOCUMENTED ARTIFICIAL FILL (Afu)** @ 2": Silty SAND, loose, dark reddish brown (2.5YR, 2.5/3), moist, fine SAND, trace fine gravel.	
	5			S-1	4 4 5			SC SP-SM	**QUATERNARY-AGED OLD PARALIC DEPOSITS (Qop)** @ 3.5': Clayey SAND, medium dense, reddish brown (2.5YR, 4/4), moist, fine SAND. @ 5': Poorly-graded SAND with SILT, medium dense, brown (7.5YR, 4/4), moist, fine to medium SAND, slightly micaceous, friable.	
35	10			R-1	8 21 26	116	6		@ 10': Becomes dense, reddish brown (5YR, 4/4).	DS
30	15			S-2	8 9 13				@ 15': Becomes strong brown (7.5YR, 5/6), oxidized.	
25	20			R-2	26 33 44	98	4	GM SP	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 18': Silty GRAVEL with SAND, very dense, grayish brown (2.5Y, 5/2), moist, fine to medium SAND, fine to coarse gravel, slightly oxidized, trace cobble. @ 20': Poorly-graded SANDSTONE, very dense, light brownish gray (10YR, 6/2), moist, fine SAND, friable, micaceous, slightly oxidized, trace fine gravel	
20	25			S-3	37 50/5"				@ 25': Becomes grayish brown (10YR, 5/2), fine to coarse SAND, few fine gravel.	
15	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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GEOTECHNICAL BORING LOG B-3

Project No.	13951.001	**Date Drilled**	7-7-23
Project	Ryan Oceanside Block 20	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	42' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
12	30			R-3	50/3"			GM	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 30': Silty GRAVEL with SAND, very dense, yellowish brown (10YR, 5/4), moist, fine to medium SAND, fine to coarse gravel, slightly oxidized, trace cobble. **Total Depth = 30.5 Feet (bgs)** **No Groundwater or Seepage Encountered at Time of Drilling** **Backfilled on 7/7/23**	
10										
	35									
5										
	40									
0										
	45									
-5										
	50									
-10										
	55									
-15										
	60									

SAMPLE TYPES:

- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:

- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-4

Project No.	13951.001	**Date Drilled**	7-7-23
Project	Ryan Oceanside Block 20	**Logged By**	CA
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	41' msl
Location	See Figure 2	**Sampled By**	CA

Elevation Feet	Depth Feet	Graphic Log (N / S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
	0								*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
40				B-1 (3"- 5')				SM	3" of ASPHALT CONCRETE **UNDOCUMENTED ARTIFICIAL FILL (Afu)** @ 2": Silty SAND, loose, reddish brown (2.5YR, 4/4), moist, fine SAND.	
								SC	**QUATERNARY-AGED OLD PARALIC DEPOSITS (Qop)** @ 3.5': Clayey SAND, medium dense, reddish brown (2.5YR, 4/4), moist, fine SAND.	
35	5			S-1	4 5 6			SM	@ 5': Silty SAND, medium dense, brown (7.5YR, 4/4), moist, fine to medium SAND, slightly micaceous, friable.	
30	10			R-1	15 25 36	113	6		@ 10': Becomes dense, reddish brown (5YR, 5/4), trace clay.	
25	15			S-2	8 13 12					
								GM	**TERTIARY-AGED SAN ONOFRE BRECCIA (Tso)** @ 18': Silty GRAVEL with SAND, very dense, grayish brown (2.5Y, 5/2), moist, fine to medium SAND, fine to coarse gravel, slightly oxidized, trace cobble.	
20	20			R-2	17 15 50/3"	90	15	SM	@ 20': Silty SANDSTONE, very dense, light olive brown (2.5Y, 5/3), moist, fine SAND, friable, very micaceous.	
15	25			S-3	27 50/6"			GC	@ 25': Clayey GRAVEL with SAND, very dense, yellowish brown (10YR, 5/6), moist, fine to medium SAND, fine to coarse gravel, slightly oxidized, trace cobble.	
									Auger Refusal on Gravel-Cobble at 27.5 Feet (bgs) **No Groundwater or Seepage Encountered at Time of Drilling** **Backfilled on 7/7/23**	
	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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APPENDIX C

LABORATORY TESTING PROCEDURES AND TEST RESULTS

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APPENDIX C

Laboratory Testing Procedures and Test Results

Moisture and Density Determination Tests: Moisture content (ASTM Test Method D 2937) and dry density determinations were performed on relatively undisturbed ring samples obtained from the test borings. The results of these tests are presented in the geotechnical boring logs (Appendix B).

Direct Shear Test: Direct shear testing was performed on a selected in-situ sample which was soaked for a minimum of 24 hours under a surcharge equal to the applied normal force during testing. After transfer of the sample to the shear box and reloading of the sample, the pore pressures set up in the sample (due to the transfer) was allowed to dissipate for a period of approximately 1 hour prior to application of shearing force. The sample was tested under various normal loads utilizing a motor-driven, strain-controlled, direct-shear testing apparatus at a strain rate of less 0.05 inches per minute. The test result is presented on the attached figure.

Particle Size Analysis (ASTM D 6913): Particle size analysis was performed by mechanical sieving methods according to ASTM D 6913 and ASTM D 1140. This test was performed to assist in the classification of the soil and to determine grain size distributions of the tested soil. The plot of a sieve result is provided as a Figure in this appendix and the percent fine particles from these analyses are summarized below:

Sample Location	Percent Passing No. 200 Sieve
B-1 @ 2”-5’ Feet	38

Soluble Sulfates: The soluble content of a selected sample was determined by standard geochemical methods. The test result is presented in the table below:

Sample Location	Sulfate Content, ppm
B-1 @ 2”-5’ Feet	202

Chloride Content: Chloride content was tested in accordance with DOT Test Method No. 422. The result is presented below:

Sample Location	Chloride Content, ppm
B-1 @ 2”-5’ Feet	80

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Minimum Resistivity and pH Tests: Minimum resistivity and pH tests were performed in general accordance with California Test Method 643. The results are presented in the table below:

Sample Location	pH	Minimum Resistivity (ohms-cm)
B-1 @ 2”-5’ Feet	7.85	1,890

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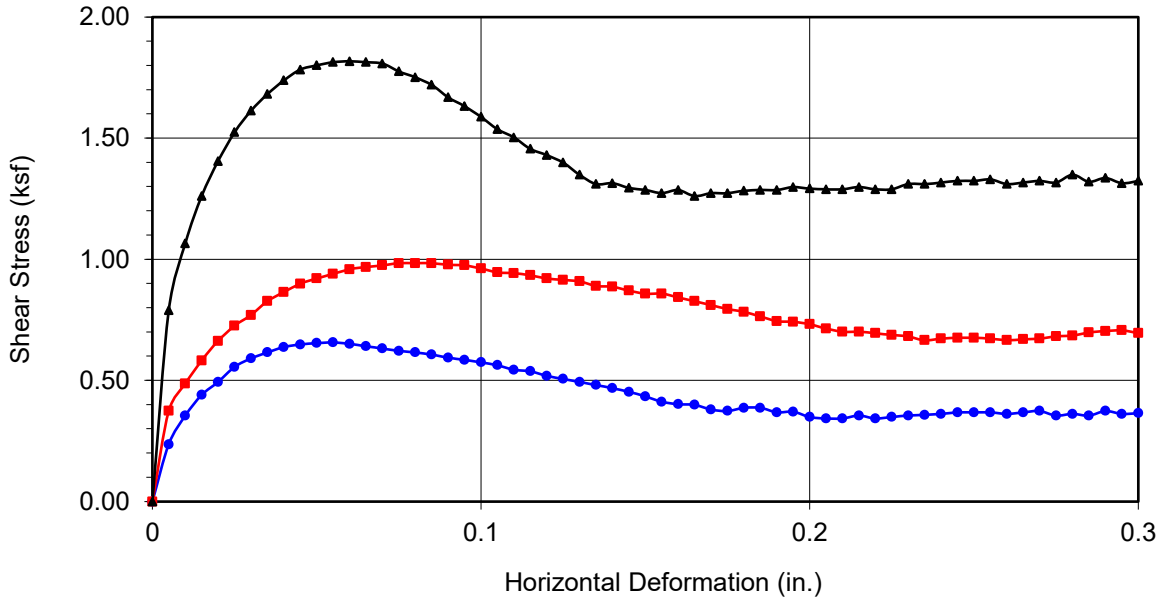

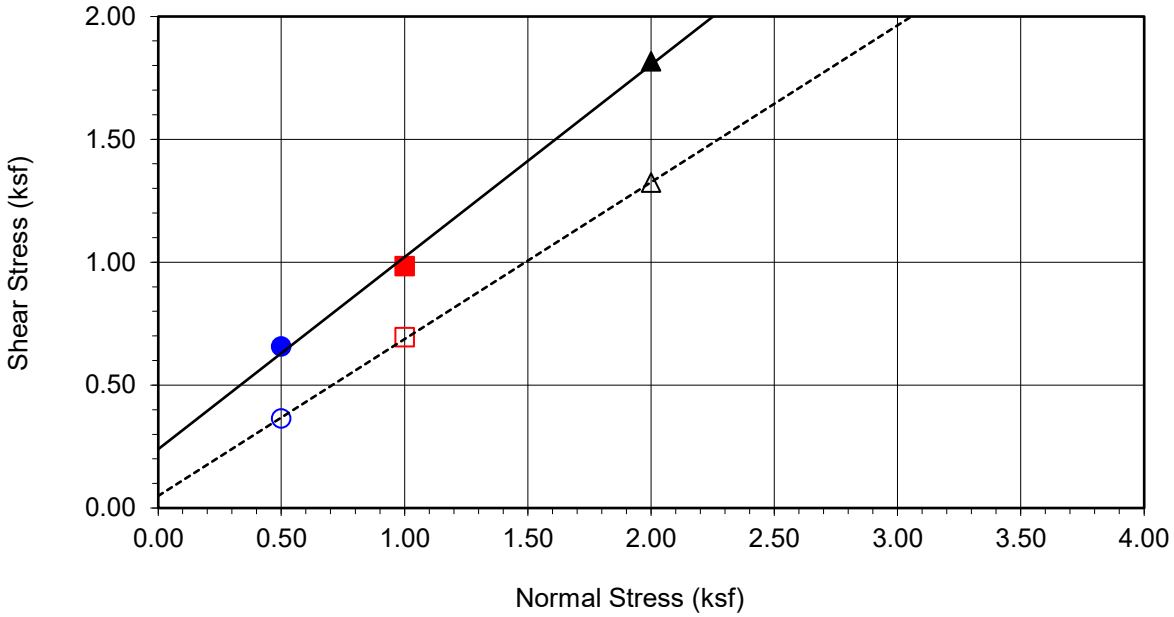

Boring No.	**B-3**
Sample No.	**R-1**
Depth (ft)	**10**
Sample Type:	Ring
Soil Identification: Yellowish brown poorly-graded sand with silt (SP-SM)	

Strength Parameters

	C (psf)	ϕ (°)
Peak	241	38
Ultimate	50	33

Normal Stress (kip/ft²)	0.500	1.000	2.000
Peak Shear Stress (kip/ft²)	● 0.657	■ 0.984	▲ 1.817
Shear Stress @ End of Test (ksf)	○ 0.365	□ 0.695	△ 1.324
Deformation Rate (in./min.)	0.0033	0.0033	0.0033
Initial Sample Height (in.)	1.000	1.000	1.000
Diameter (in.)	2.415	2.415	2.415
Initial Moisture Content (%)	6.42	6.42	6.42
Dry Density (pcf)	116.4	118.1	117.4
Saturation (%)	38.7	40.6	39.8
Soil Height Before Shearing (in.)	0.9939	0.9900	0.9822
Final Moisture Content (%)	13.5	13.4	13.7

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DIRECT SHEAR TEST RESULTS

Consolidated Drained - ASTM D 3080

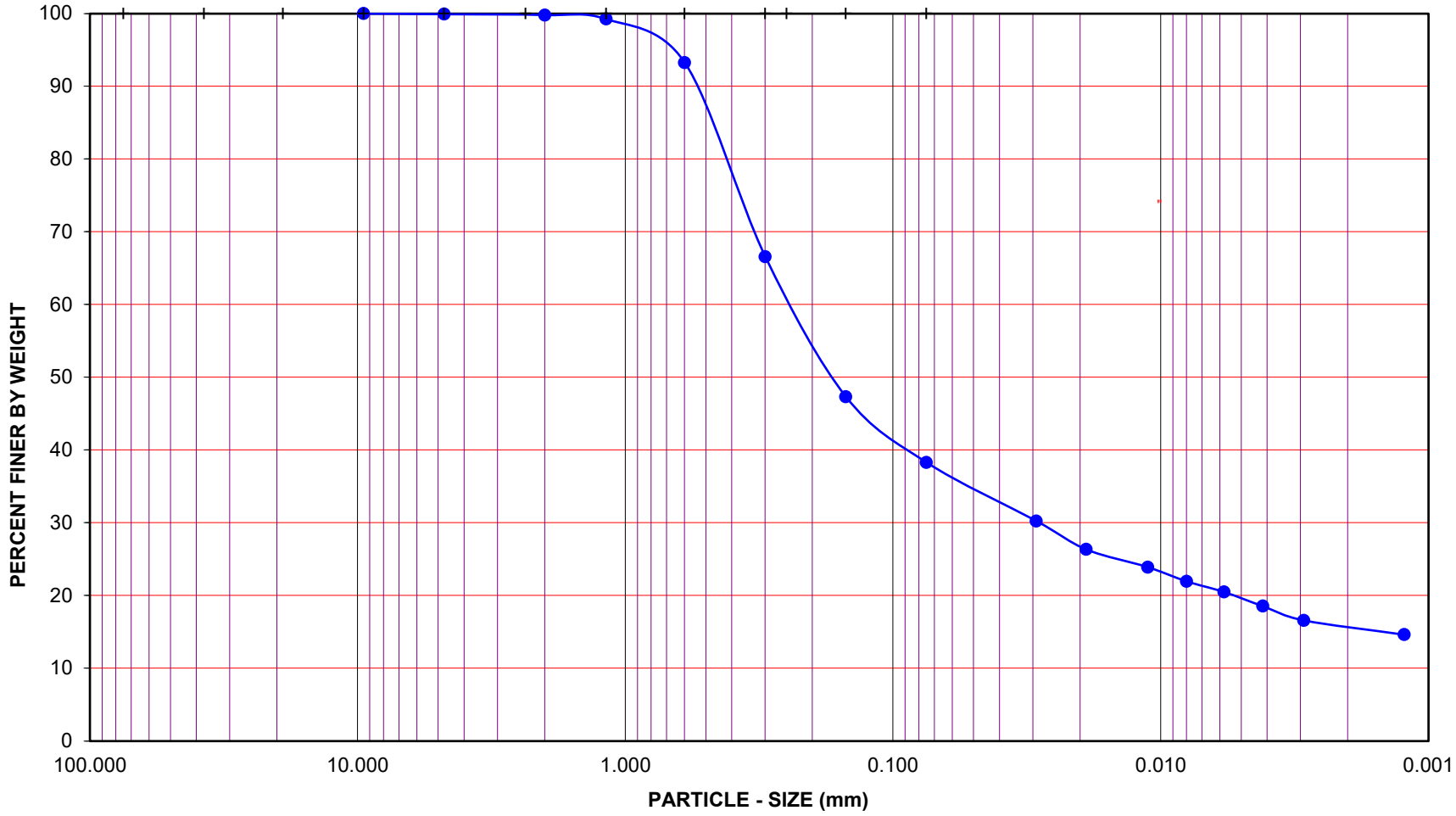
Project No.: 13951.001

Ryan Oceanside Block 5

07-23

GRAVEL		SAND			FINES	
COARSE	FINE	CRSE	MEDIUM	FINE	SILT	CLAY

U.S. STANDARD SIEVE OPENING: 3.0" 1 1/2" 3/4" 3/8"
U.S. STANDARD SIEVE NUMBER: #4 #8 #16 #30 #50 #100 #200
HYDROMETER



Project Name: Ryan Oceanside Block 20

Project No.: 13951.001

Boring No.: B-1 Sample No.: B-1

Depth (feet): 2"-5' Soil Type : SC-SM

Soil Identification: Brown silty, clayey sand (SC-SM)

GR:SA:FI : (%) 0 : 62 : 38

Leighton

PARTICLE - SIZE DISTRIBUTION ASTM D 7928 & D 6913

Aug-23

APPENDIX D

GENERAL EARTHWORK AND GRADING SPECIFICATIONS FOR ROUGH GRADING

DRAFT

LEIGHTON AND ASSOCIATES, INC.

GENERAL EARTHWORK AND GRADING SPECIFICATIONS FOR ROUGH GRADING

TABLE OF CONTENTS

Section			Page
1.0	GENERAL		1
	1.1	Intent	1
	1.2	The Geotechnical Consultant of Record	2
	1.3	The Earthwork Contractor	2
2.0	PREPARATION OF AREAS TO BE FILLED		2
	2.1	Clearing and Grubbing	2
	2.2	Processing	3
	2.3	Overexcavation	3
	2.4	Benching	4
	2.5	Evaluation/Acceptance of Fill Areas	4
3.0	FILL MATERIAL		4
	3.1	General	4
	3.2	Oversize	4
	3.3	Import	5
4.0	FILL PLACEMENT AND COMPACTION		5
	4.1	Fill Layers	5
	4.2	Fill Moisture Conditioning	5
	4.3	Compaction of Fill	5
	4.4	Compaction of Fill Slopes	5
	4.5	Compaction Testing	6
	4.6	Frequency of Compaction Testing	6
	4.7	Compaction Test Locations	6
5.0	SUBDRAIN INSTALLATION		6
6.0	EXCAVATION		7
7.0	TRENCH BACKFILLS		7
	7.1	Safety	7
	7.2	Bedding & Backfill	7
	7.3	Lift Thickness	7
	7.4	Observation and Testing	7

Standard Details

A - Keying and Benching	Rear of Text
B - Oversize Rock Disposal	Rear of Text
C - Canyon Subdrains	Rear of Text
D - Buttress or Replacement Fill Subdrains	Rear of Text
E - Transition Lot Fills and Side Hill Fills	Rear of Text
Retaining Wall	Rear of Text

1.0 General

1.1 Intent

These General Earthwork and Grading Specifications are for the grading and earthwork shown on the approved grading plan(s) and/or indicated in the geotechnical report(s). These Specifications are a part of the recommendations contained in the geotechnical report(s). In case of conflict, the specific recommendations in the geotechnical report shall supersede these more general Specifications. Observations of the earthwork by the project Geotechnical Consultant during the course of grading may result in new or revised recommendations that could supersede these specifications or the recommendations in the geotechnical report(s).

1.2 The Geotechnical Consultant of Record

Prior to commencement of work, the owner shall employ the Geotechnical Consultant of Record (Geotechnical Consultant). The Geotechnical Consultants shall be responsible for reviewing the approved geotechnical report(s) and accepting the adequacy of the preliminary geotechnical findings, conclusions, and recommendations prior to the commencement of the grading.

Prior to commencement of grading, the Geotechnical Consultant shall review the "work plan" prepared by the Earthwork Contractor (Contractor) and schedule sufficient personnel to perform the appropriate level of observation, mapping, and compaction testing.

During the grading and earthwork operations, the Geotechnical Consultant shall observe, map, and document the subsurface exposures to verify the geotechnical design assumptions. If the observed conditions are found to be significantly different than the interpreted assumptions during the design phase, the Geotechnical Consultant shall inform the owner, recommend appropriate changes in design to accommodate the observed conditions, and notify the review agency where required. Subsurface areas to be geotechnically observed, mapped, elevations recorded, and/or tested include natural ground after it has been cleared for receiving fill but before fill is placed, bottoms of all "remedial removal" areas, all key bottoms, and benches made on sloping ground to receive fill.

The Geotechnical Consultant shall observe the moisture-conditioning and processing of the subgrade and fill materials and perform relative compaction testing of fill to determine the attained level of compaction. The Geotechnical Consultant shall provide the test results to the owner and the Contractor on a routine and frequent basis.

1.3 The Earthwork Contractor

The Earthwork Contractor (Contractor) shall be qualified, experienced, and knowledgeable in earthwork logistics, preparation and processing of ground to receive fill, moisture-conditioning and processing of fill, and compacting fill. The Contractor shall review and accept the plans, geotechnical report(s), and these Specifications prior to commencement of grading. The Contractor shall be solely responsible for performing the grading in accordance with the plans and specifications.

The Contractor shall prepare and submit to the owner and the Geotechnical Consultant a work plan that indicates the sequence of earthwork grading, the number of "spreads" of work and the estimated quantities of daily earthwork contemplated for the site prior to commencement of grading. The Contractor shall inform the owner and the Geotechnical Consultant of changes in work schedules and updates to the work plan at least 24 hours in advance of such changes so that appropriate observations and tests can be planned and accomplished. The Contractor shall not assume that the Geotechnical Consultant is aware of all grading operations.

The Contractor shall have the sole responsibility to provide adequate equipment and methods to accomplish the earthwork in accordance with the applicable grading codes and agency ordinances, these Specifications, and the recommendations in the approved geotechnical report(s) and grading plan(s). If, in the opinion of the Geotechnical Consultant, unsatisfactory conditions, such as unsuitable soil, improper moisture condition, inadequate compaction, insufficient buttress key size, adverse weather, etc., are resulting in a quality of work less than required in these specifications, the Geotechnical Consultant shall reject the work and may recommend to the owner that construction be stopped until the conditions are rectified.

2.0 Preparation of Areas to be Filled

2.1 Clearing and Grubbing

Vegetation, such as brush, grass, roots, and other deleterious material shall be sufficiently removed and properly disposed of in a method acceptable to the owner, governing agencies, and the Geotechnical Consultant.

The Geotechnical Consultant shall evaluate the extent of these removals depending on specific site conditions. Earth fill material shall not contain more than 1 percent of organic materials (by volume). No fill lift shall contain more than 5 percent of organic matter. Nesting of the organic materials shall not be allowed.

If potentially hazardous materials are encountered, the Contractor shall stop work in the affected area, and a hazardous material specialist shall be informed immediately for proper evaluation and handling of these materials prior to continuing to work in that area.

As presently defined by the State of California, most refined petroleum products (gasoline, diesel fuel, motor oil, grease, coolant, etc.) have chemical constituents that are considered to be hazardous waste. As such, the indiscriminate dumping or spillage of these fluids onto the ground may constitute a misdemeanor, punishable by fines and/or imprisonment, and shall not be allowed.

2.2 Processing

Existing ground that has been declared satisfactory for support of fill by the Geotechnical Consultant shall be scarified to a minimum depth of 6 inches. Existing ground that is not satisfactory shall be overexcavated as specified in the following section. Scarification shall continue until soils are broken down and free of large clay lumps or clods and the working surface is reasonably uniform, flat, and free of uneven features that would inhibit uniform compaction.

2.3 Overexcavation

In addition to removals and overexcavations recommended in the approved geotechnical report(s) and the grading plan, soft, loose, dry, saturated, spongy, organic-rich, highly fractured or otherwise unsuitable ground shall be overexcavated to competent ground as evaluated by the Geotechnical Consultant during grading.

2.4 Benching

Where fills are to be placed on ground with slopes steeper than 5:1 (horizontal to vertical units), the ground shall be stepped or benched. The lowest bench or key shall be a minimum of 15 feet wide and at least 2 feet deep, into competent material as evaluated by the Geotechnical Consultant. Other benches shall be excavated a minimum height of 4 feet into competent material or as otherwise recommended by the Geotechnical Consultant. Fill placed on ground sloping flatter than 5:1 shall also be benched or otherwise overexcavated to provide a flat subgrade for the fill.

2.5 Evaluation/Acceptance of Fill Areas

All areas to receive fill, including removal and processed areas, key bottoms, and benches, shall be observed, mapped, elevations recorded, and/or tested prior to being accepted by the Geotechnical Consultant as suitable to receive fill. The Contractor shall obtain a written acceptance from the Geotechnical Consultant prior to fill placement. A licensed surveyor shall provide the survey control for determining elevations of processed areas, keys, and benches.

3.0 Fill Material

3.1 General

Material to be used as fill shall be essentially free of organic matter and other deleterious substances evaluated and accepted by the Geotechnical Consultant prior to placement. Soils of poor quality, such as those with unacceptable gradation, high expansion potential, or low strength shall be placed in areas acceptable to the Geotechnical Consultant or mixed with other soils to achieve satisfactory fill material.

3.2 Oversize

Oversize material defined as rock, or other irreducible material with a maximum dimension greater than 8 inches, shall not be buried or placed in fill unless location, materials, and placement methods are specifically accepted by the Geotechnical Consultant. Placement operations shall be such that nesting of oversized material does not occur and such that oversize material is completely surrounded by compacted or densified fill. Oversize material shall not be placed within 10 vertical feet of finish grade or within 2 feet of future utilities or underground construction.

3.3 Import

If importing of fill material is required for grading, proposed import material shall meet the requirements of Section 3.1. The potential import source shall be given to the Geotechnical Consultant at least 48 hours (2 working days) before importing begins so that its suitability can be determined and appropriate tests performed.

4.0 Fill Placement and Compaction

4.1 Fill Layers

Approved fill material shall be placed in areas prepared to receive fill (per Section 3.0) in near-horizontal layers not exceeding 8 inches in loose thickness. The Geotechnical Consultant may accept thicker layers if testing indicates the grading procedures can adequately compact the thicker layers. Each layer shall be spread evenly and mixed thoroughly to attain relative uniformity of material and moisture throughout.

4.2 Fill Moisture Conditioning

Fill soils shall be watered, dried back, blended, and/or mixed, as necessary to attain a relatively uniform moisture content at or slightly over optimum. Maximum density and optimum soil moisture content tests shall be performed in accordance with the American Society of Testing and Materials (ASTM Test Method D1557).

4.3 Compaction of Fill

After each layer has been moisture-conditioned, mixed, and evenly spread, it shall be uniformly compacted to not less than 90 percent of maximum dry density (ASTM Test Method D1557). Compaction equipment shall be adequately sized and be either specifically designed for soil compaction or of proven reliability to efficiently achieve the specified level of compaction with uniformity.

4.4 Compaction of Fill Slopes

In addition to normal compaction procedures specified above, compaction of slopes shall be accomplished by backrolling of slopes with sheepsfoot rollers at increments of 3 to 4 feet in fill elevation, or by other methods producing satisfactory results acceptable to the Geotechnical Consultant. Upon completion of grading, relative compaction of the fill, out to the slope face, shall be at least 90 percent of maximum density per ASTM Test Method D1557.

4.5 Compaction Testing

Field-tests for moisture content and relative compaction of the fill soils shall be performed by the Geotechnical Consultant. Location and frequency of tests shall be at the Consultant's discretion based on field conditions encountered. Compaction test locations will not necessarily be selected on a random basis. Test locations shall be selected to verify adequacy of compaction levels in areas that are judged to be prone to inadequate compaction (such as close to slope faces and at the fill/bedrock benches).

4.6 Frequency of Compaction Testing

Tests shall be taken at intervals not exceeding 2 feet in vertical rise and/or 1,000 cubic yards of compacted fill soils embankment. In addition, as a guideline, at least one test shall be taken on slope faces for each 5,000 square feet of slope face and/or each 10 feet of vertical height of slope. The Contractor shall assure that fill construction is such that the testing schedule can be accomplished by the Geotechnical Consultant. The Contractor shall stop or slow down the earthwork construction if these minimum standards are not met.

4.7 Compaction Test Locations

The Geotechnical Consultant shall document the approximate elevation and horizontal coordinates of each test location. The Contractor shall coordinate with the project surveyor to assure that sufficient grade stakes are established so that the Geotechnical Consultant can determine the test locations with sufficient accuracy. At a minimum, two grade stakes within a horizontal distance of 100 feet and vertically less than 5 feet apart from potential test locations shall be provided.

5.0 Subdrain Installation

Subdrain systems shall be installed in accordance with the approved geotechnical report(s), the grading plan. The Geotechnical Consultant may recommend additional subdrains and/or changes in subdrain extent, location, grade, or material depending on conditions encountered during grading. All subdrains shall be surveyed by a land surveyor/civil engineer for line and grade after installation and prior to burial. Sufficient time should be allowed by the Contractor for these surveys.

6.0 Excavation

Excavations, as well as over-excavation for remedial purposes, shall be evaluated by the Geotechnical Consultant during grading. Remedial removal depths shown on geotechnical plans are estimates only. The actual extent of removal shall be determined by the Geotechnical Consultant based on the field evaluation of exposed conditions during grading. Where fill-over-cut slopes are to be graded, the cut portion of the slope shall be made, evaluated, and accepted by the Geotechnical Consultant prior to placement of materials for construction of the fill portion of the slope, unless otherwise recommended by the Geotechnical Consultant.

7.0 Trench Backfills

7.1 Safety

The Contractor shall follow all OSHA and Cal/OSHA requirements for safety of trench excavations.

7.2 Bedding and Backfill

All bedding and backfill of utility trenches shall be performed in accordance with the applicable provisions of Standard Specifications of Public Works Construction. Bedding material shall have a Sand Equivalent greater than 30 (SE>30). The bedding shall be placed to 1 foot over the top of the conduit and densified by jetting. Backfill shall be placed and densified to a minimum of 90 percent of relative compaction from 1 foot above the top of the conduit to the surface.

The Geotechnical Consultant shall test the trench backfill for relative compaction. At least one test should be made for every 300 feet of trench and 2 feet of fill.

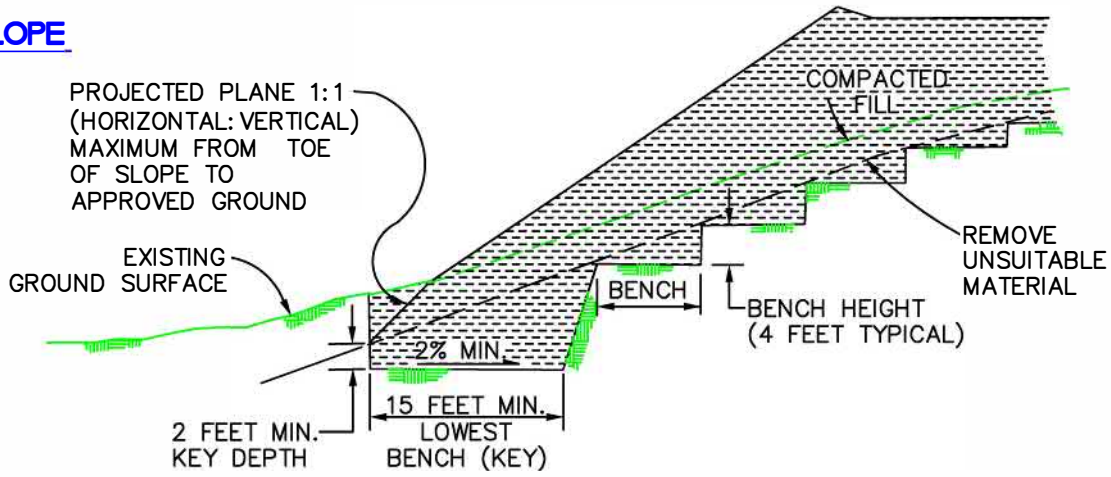
7.3 Lift Thickness

Lift thickness of trench backfill shall not exceed those allowed in the Standard Specifications of Public Works Construction unless the Contractor can demonstrate to the Geotechnical Consultant that the fill lift can be compacted to the minimum relative compaction by his alternative equipment and method.

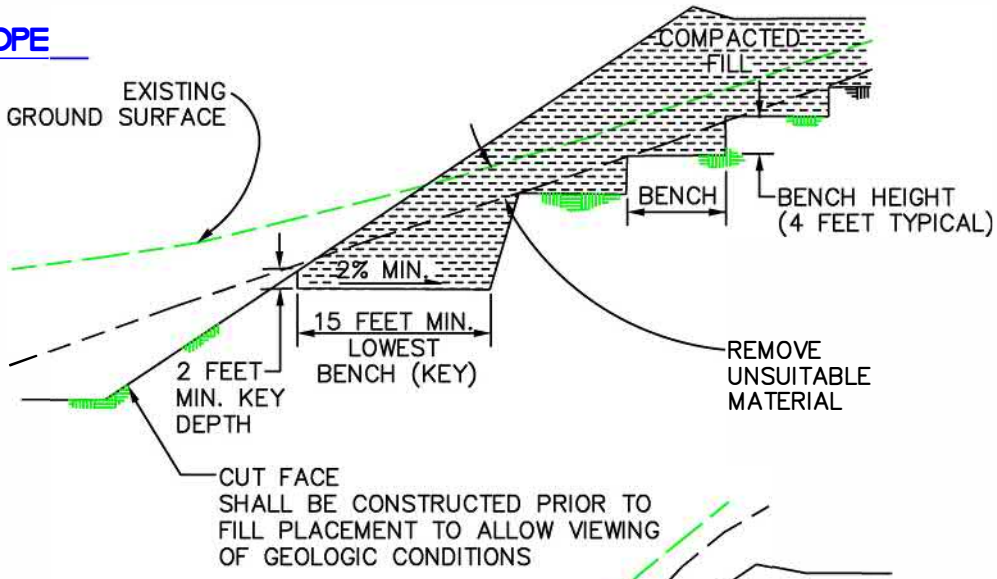
7.4 Observation and Testing

The jetting of the bedding around the conduits shall be observed by the Geotechnical Consultant.

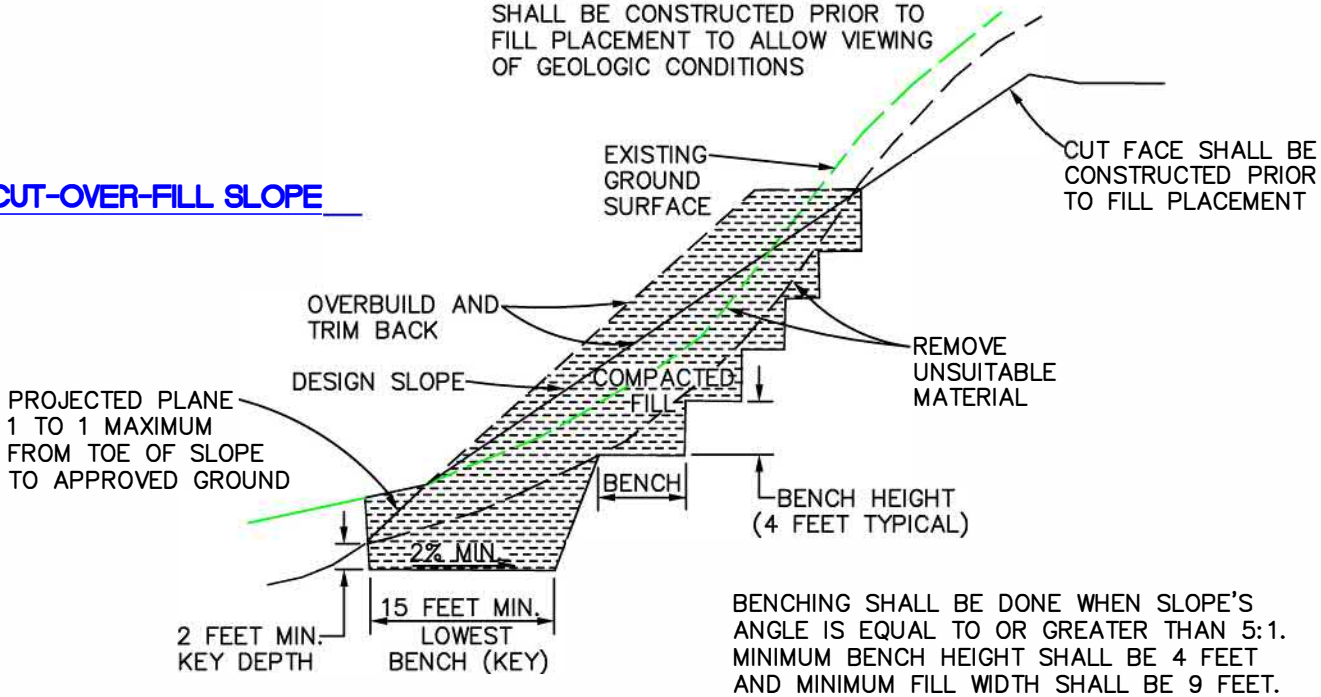
FILL SLOPE



FILL-OVER-CUT SLOPE

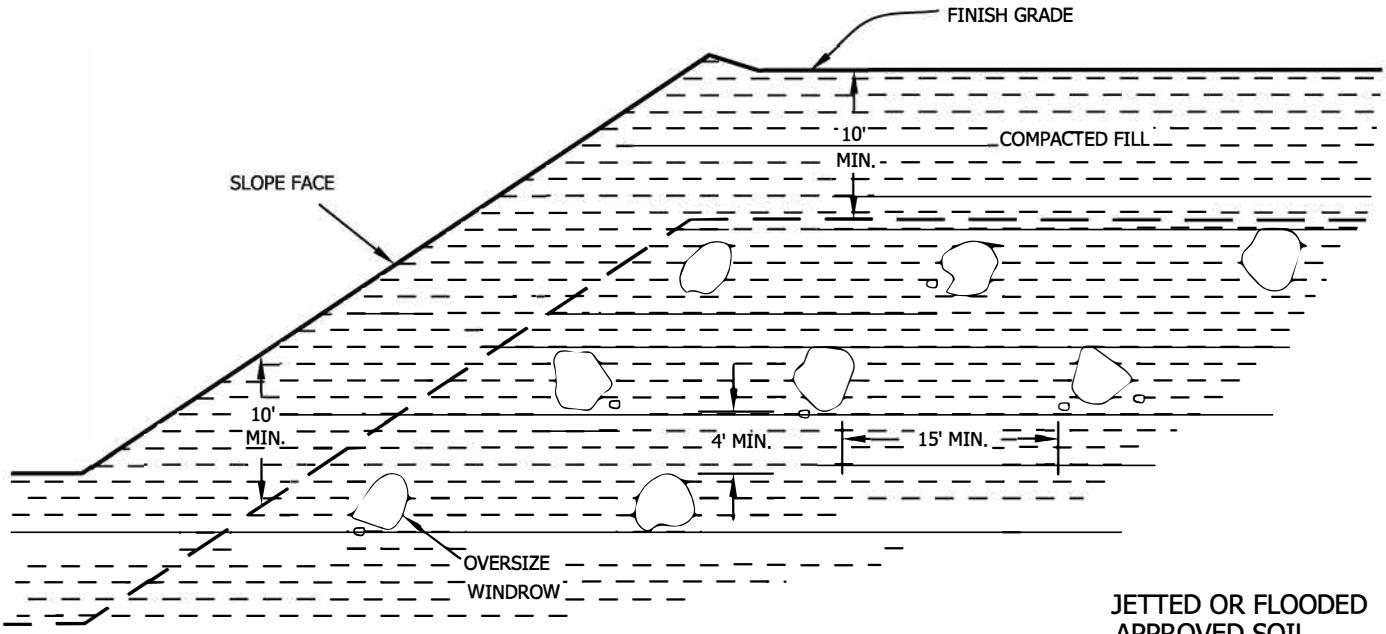


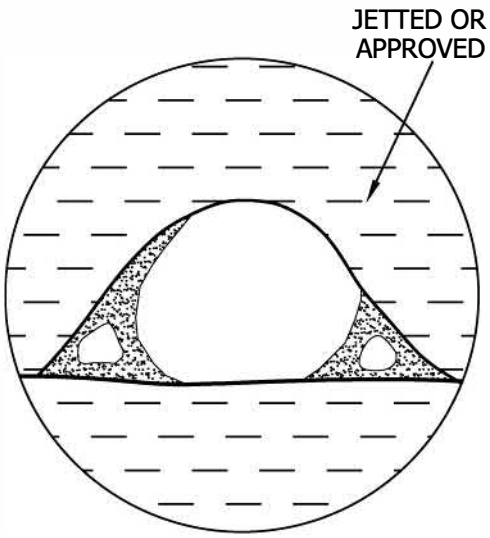
CUT-OVER-FILL SLOPE



BENCHING SHALL BE DONE WHEN SLOPE'S ANGLE IS EQUAL TO OR GREATER THAN 5:1. MINIMUM BENCH HEIGHT SHALL BE 4 FEET AND MINIMUM FILL WIDTH SHALL BE 9 FEET.

KEYING AND BENCHING	GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAILS A	Leighton

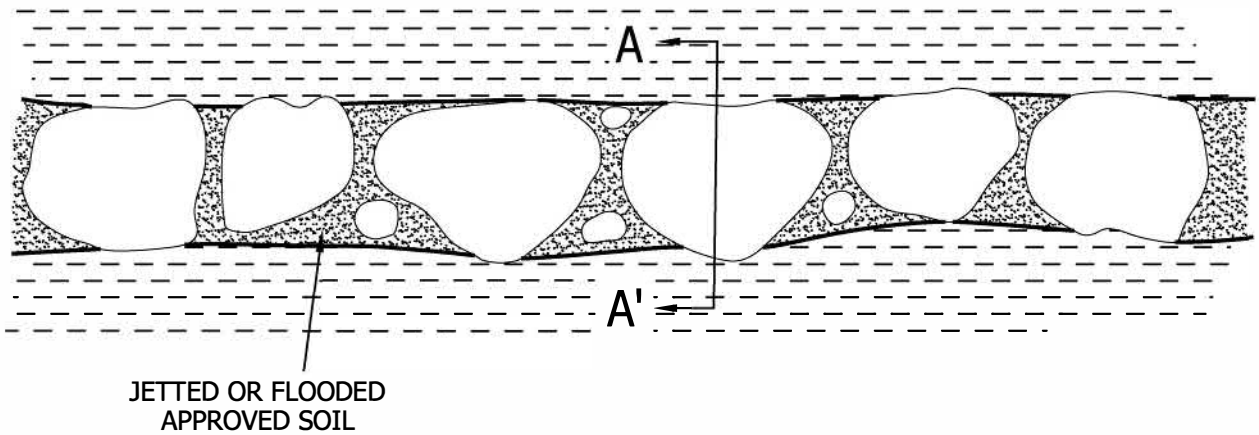




SECTION A-A'

- Oversize rock is larger than 8 inches in largest dimension.
- Backfill with approved soil jetted or flooded in place to fill all the voids.
- Do not bury rock within 10 feet of finish grade.
- Windrow of buried rock shall be parallel to the finished slope face.

PROFILE ALONG WINDROW



OVERSIZE ROCK DISPOSAL

GENERAL EARTHWORK AND GRADING SPECIFICATIONS
STANDARD DETAILS B

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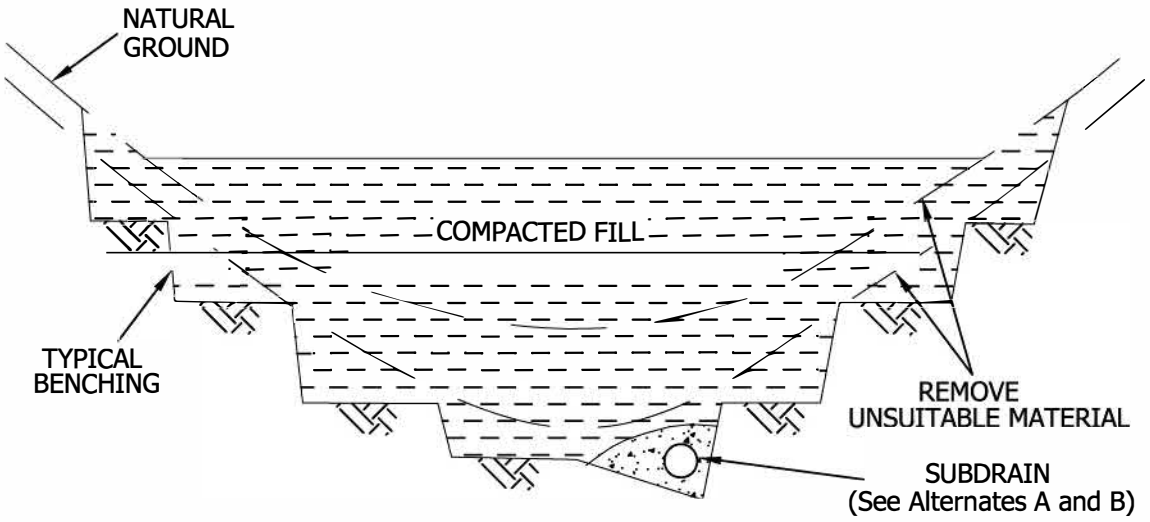
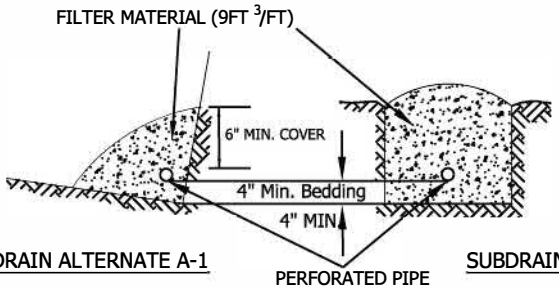


SUBDRAIN ALTERNATE A

PERFORATED PIPE SURROUNDED WITH FILTER MATERIAL



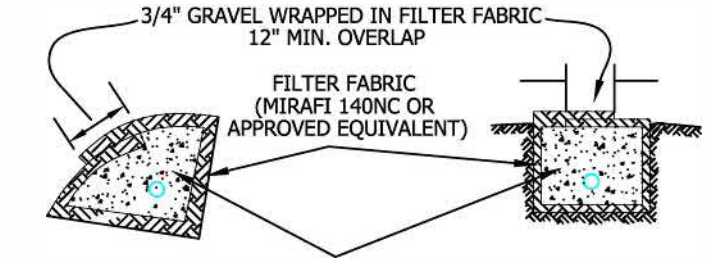
SUBDRAIN ALTERNATE A-1 SUBDRAIN ALTERNATE A-2

FILTER MATERIAL

FILTER MATERIAL SHALL BE CLASS 2 PERMEABLE MATERIAL PER STATE OF CALIFORNIA STANDARD SPECIFICATION, OR APPROVED ALTERNATE. CLASS 2 GRADING AS FOLLOWS:

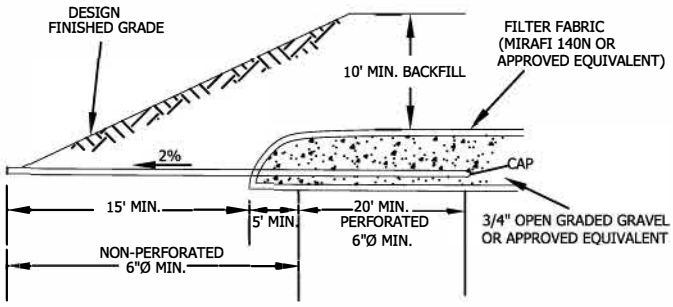
Sieve Size	Percent Passing
1"	100
3/4"	90-100
3/8"	40-100
No. 4	25-40
No. 8	18-33
No. 30	5-15
No. 50	0-7
No. 200	0-3

SUBDRAIN ALTERNATE B



○ PERFORATED PIPE IS OPTIONAL PER GOVERNING AGENCY'S REQUIREMENTS

DETAIL OF CANYON SUBDRAIN TERMINAL



CANYON SUBDRAIN

GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAILS C

Leighton

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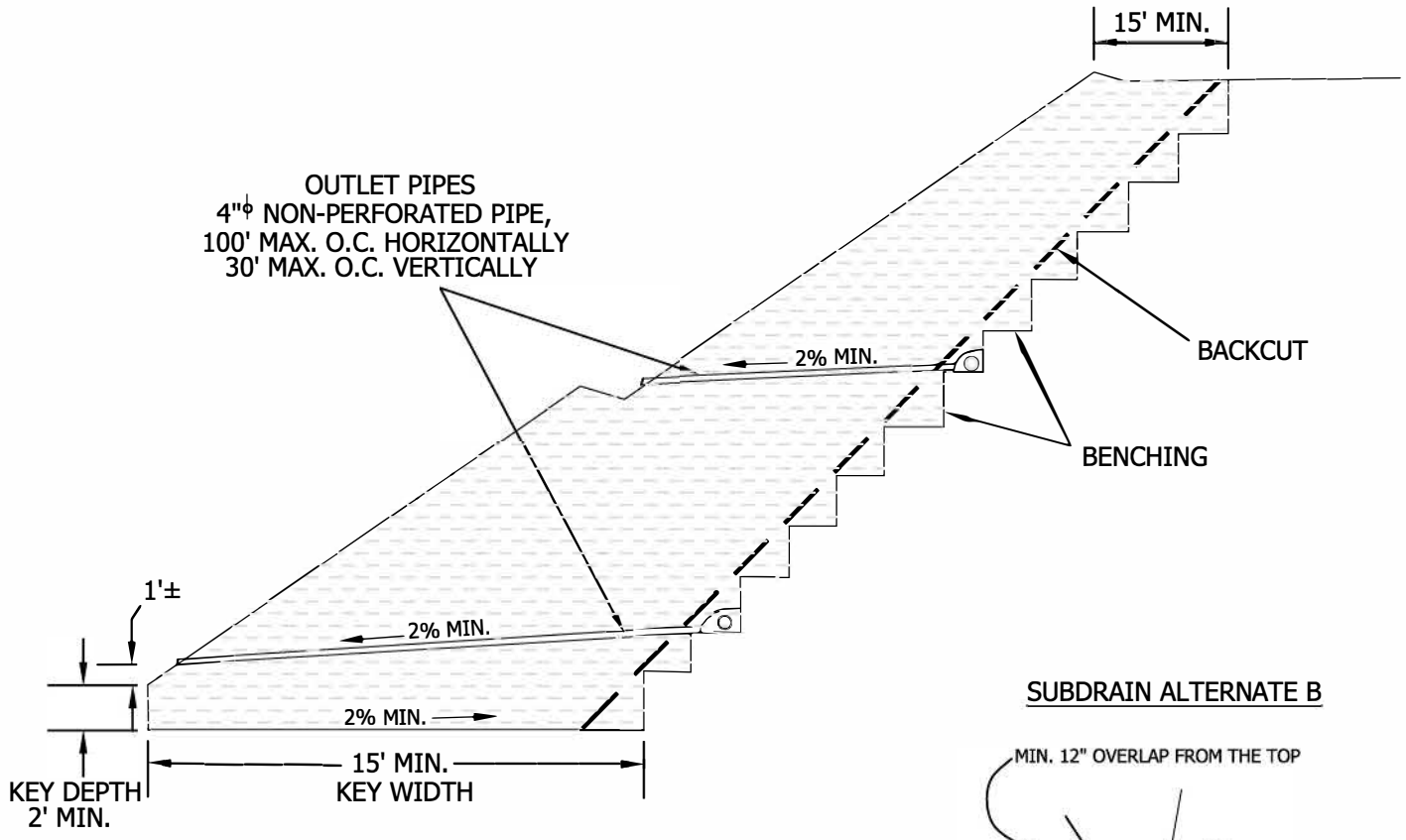
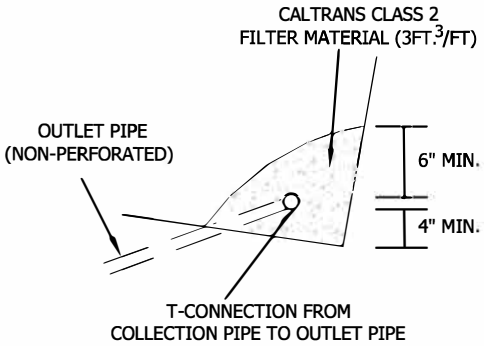
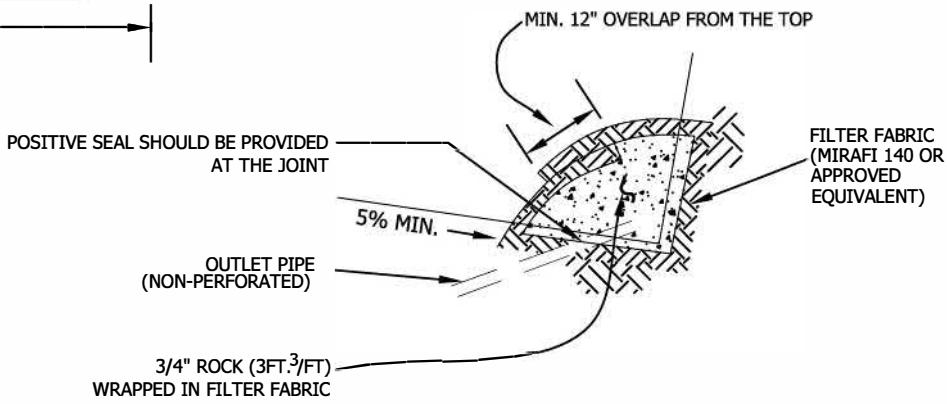


SUBDRAIN ALTERNATE A



SUBDRAIN ALTERNATE B



- SUBDRAIN INSTALLATION - Subdrain collector pipe shall be installed with perforations down or, unless otherwise designated by the geotechnical consultant. Outlet pipes shall be non-perforated pipe. The subdrain pipe shall have at least 8 perforations uniformly spaced per foot. Perforation shall be 1/4" to 1/2" if drilled holes are used. All subdrain pipes shall have a gradient at least 2% towards the outlet.
- SUBDRAIN PIPE - Subdrain pipe shall be ASTM D2751, ASTM D1527 (Schedule 40) or SDR 23.5 ABS pipe or ASTM D3034 (Schedule 40) or SDR 23.5 PVC pipe.
- All outlet pipe shall be placed in a trench and, after fill is placed above it, rodded to verify integrity.

BUTTRESS OR REPLACEMENT FILL SUBDRAINS	GENERAL EARTHWORK AND GRADING SPECIFICATIONS STANDARD DETAILS D	Leighton

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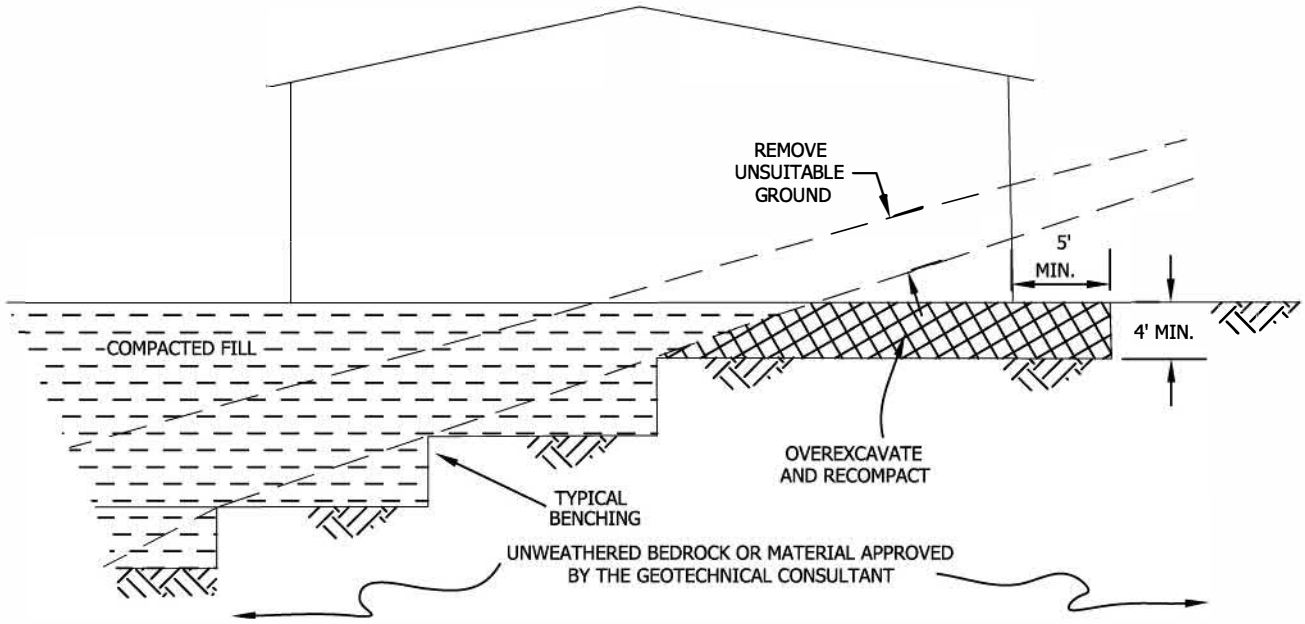
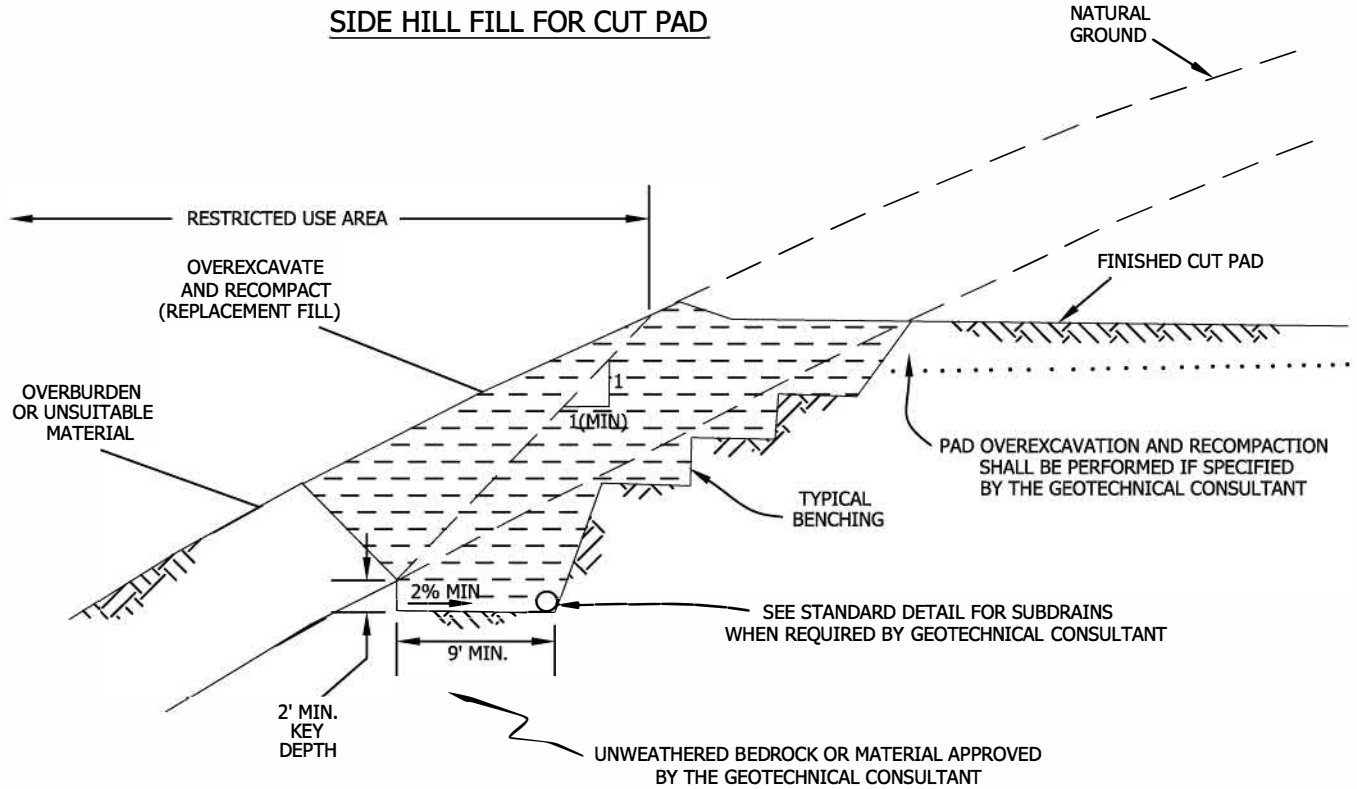
CUT-FILL TRANSITION LOT OVEREXCAVATION



SIDE HILL FILL FOR CUT PAD



TRANSITION LOT FILLS AND SIDE HILL FILLS

GENERAL EARTHWORK AND GRADING SPECIFICATIONS
STANDARD DETAILS E

Leighton

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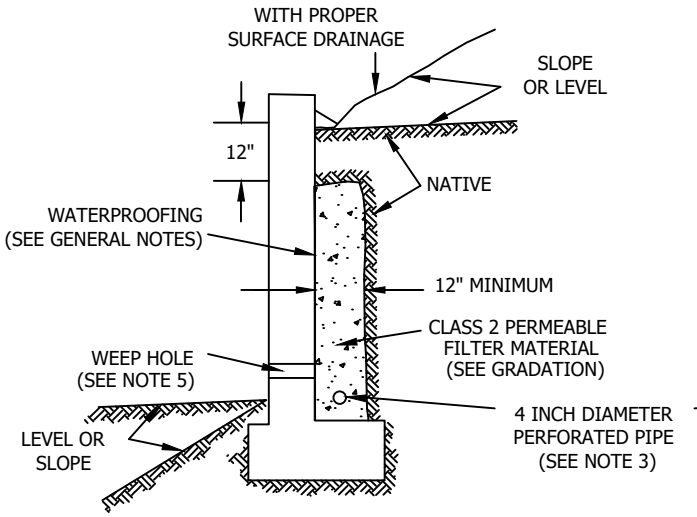
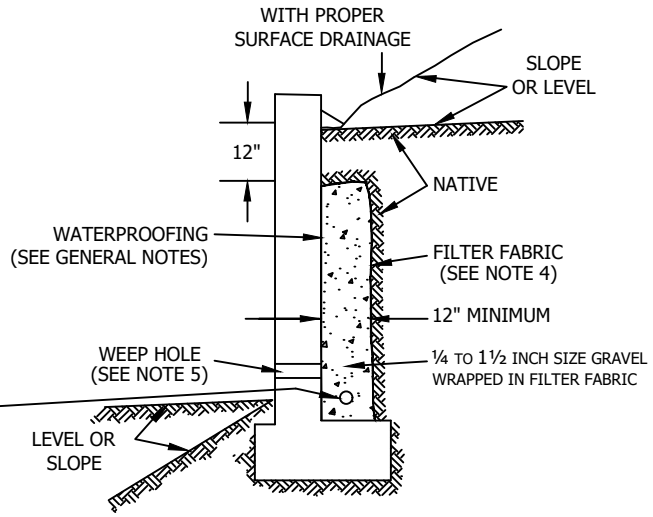
SUBDRAIN OPTIONS AND BACKFILL WHEN NATIVE MATERIAL HAS EXPANSION INDEX OF ≤50

OPTION 1: PIPE SURROUNDED WITH CLASS 2 PERMEABLE MATERIAL



OPTION 2: GRAVEL WRAPPED IN FILTER FABRIC



Class 2 Filter Permeable Material Gradation
Per Caltrans Specifications

Sieve Size	Percent Passing
1"	100
3/4"	90-100
3/8"	40-100
No. 4	25-40
No. 8	18-33
No. 30	5-15
No. 50	0-7
No. 200	0-3

GENERAL NOTES:

* Waterproofing should be provided where moisture nuisance problem through the wall is undesirable.
* Water proofing of the walls is not under purview of the geotechnical engineer
* All drains should have a gradient of 1 percent minimum
*Outlet portion of the subdrain should have a 4-inch diameter solid pipe discharged into a suitable disposal area designed by the project engineer. The subdrain pipe should be accessible for maintenance (rodding)
*Other subdrain backfill options are subject to the review by the geotechnical engineer and modification of design parameters.

Notes:
1) Sand should have a sand equivalent of 30 or greater and may be densified by water jetting.
2) 1 Cu. ft. per ft. of 1/4- to 1 1/2-inch size gravel wrapped in filter fabric
3) Pipe type should be ASTM D1527 Acrylonitrile Butadiene Styrene (ABS) SDR35 or ASTM D1785 Polyvinyl Chloride plastic (PVC), Schedule 40, Armco A2000 PVC, or approved equivalent. Pipe should be installed with perforations down. Perforations should be 3/8 inch in diameter placed at the ends of a 120-degree arc in two rows at 3-inch on center (staggered)
4) Filter fabric should be Mirafi 140NC or approved equivalent.
5) Weephole should be 3-inch minimum diameter and provided at 10-foot maximum intervals. If exposure is permitted, weepholes should be located 12 inches above finished grade. If exposure is not permitted such as for a wall adjacent to a sidewalk/curb, a pipe under the sidewalk to be discharged through the curb face or equivalent should be provided. For a basement-type wall, a proper subdrain outlet system should be provided.
6) Retaining wall plans should be reviewed and approved by the geotechnical engineer.
7) Walls over six feet in height are subject to a special review by the geotechnical engineer and modifications to the above requirements.

RETAINING WALL BACKFILL AND SUBDRAIN DETAIL FOR WALLS 6 FEET OR LESS IN HEIGHT

WHEN NATIVE MATERIAL HAS EXPANSION INDEX OF ≤50

Leighton

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MEMORANDUM

To:	Ryan Companies U.S. Inc.
From:	Kimberly Narel, Biologist, Dudek
Subject:	Blocks 5 and 20 Oceanside Project, San Diego County, California – Biological Resources Conformance Review
Date:	June 12, 2025
cc:	Erin Lucett, Environmental Planner, Dudek
Attachments:	A: Figures 1 and 2 B: Species Compendium C: Site Photos

This biological resources conformance review describes the existing biological resource conditions at the proposed Blocks 5 and 20 Oceanside Project (project) and was drafted in support of a Categorical Exemption Justification Memorandum. The existing conditions at the project site, plus a surrounding 100-foot buffer (study area), have been assessed during a biological reconnaissance. The survey conditions, survey methods, and results are described below.

Project Location and Description

The project is located on two developed parcels in downtown Oceanside, San Diego County, California. Block 5 is bound by Civic Center Drive to the north, Pier View Way to the south, N. Myers Street to the west, and the North Coast Transit District (NCTD) railroad corridor to the east. Block 5 is approximately 1.05 acres. Block 20 is bound by Pier View Way to the north, Mission Avenue to the south, Myers Street to the west, and the NCTD rail line to the east. Block 20 is approximately 1.02 acres.

The project is located on a total of approximately 3.52 acres (2.07 of which will be developed) at Assessor's Parcel Number 147-370-07-00 (Attachment A: Figure 1, Project Location). The project currently consists of two public asphalt parking lots located approximately two blocks east of the Pacific Ocean and Oceanside Pier. As such, it occurs within the Coastal Zone and must comply with the adopted Oceanside Local Coastal Program for approval of a Coastal Development Permit. The proposed project includes the mixed-use development in downtown Oceanside. The project would increase the total number of units and decrease the commercial square footage to be developed; the two-block development will include up to 373 residential units and approximately 5,958 sf of ground floor commercial spaces. The mixed-use development on Block 5 proposes eight stories, with six levels of residential units, two levels of leasing, residential amenities, commercial, and above grade parking. Total square footage of Block 5 (excluding parking and outdoor commercial space) would be 195,606 sf and Block 20 would be 179,457. The Block 20 development would be seven stories, with six levels of residential units, two levels of leasing, residential amenities, commercial, and above grade parking. Both Block 5 and 20 would have one level of subterranean parking. The project will include a total of 560 parking spaces between the two blocks.

Methods

Literature Review

Prior to the biological reconnaissance, Dudek queried local, state, and federal databases to determine the potential sensitive biological resources that could occur on the site based on previously documented occurrences in the vicinity of the project site. These database searches included the most recent versions of the California Natural Diversity Database, the California Native Plant Society's *Inventory of Rare and Endangered Plants*, the U.S. Fish and Wildlife Service Information for Planning and Consultation, and SanGIS (San Diego Geographic Information Source).

The review of literature also included an assessment of potential jurisdictional aquatic resources that could fall under the jurisdiction of the United States Army Corps of Engineers, Regional Water Quality Control Board, and the California Department of Fish and Wildlife by referencing the National Hydrography Dataset, National Wetland Inventory, and aerial imagery.

Previous Biological Documentation of the Project Site

A previous biological resource analysis was prepared for the project site as part of the FEIR for the 2008 CityMark Development Project (City of Oceanside 2008). In 2008, the project site consisted of paved parking lots and a construction equipment staging area. No sensitive biological resources occurred on the project site that could be impacted from development of the project. Therefore, the 2008 CityMark FEIR determined that project impacts to biological resources would be less than significant (City of Oceanside 2008).

Biological Reconnaissance

The biological reconnaissance was conducted on March 15, 2024, by Dudek biologist Kimberly Narel. The project site, plus a 100-foot buffer (study area) were assessed to account for potential adjacent biological resources. The survey was conducted from 1:00 p.m.–2:00 p.m.; weather conditions were favorable with 10% cloud cover, wind speeds between 2 to 4 miles per hour, and a temperature of 88°F. All native and naturalized plant species encountered in the study area were identified and recorded. The potential for special-status plant and wildlife species to occur within the study area was evaluated based on the vegetation communities and soils present. Vegetation communities within the study area were mapped according to the natural communities and land cover types described within the *Draft Vegetation Communities of San Diego County* (Oberbauer et al. 2009), which is based on the *Preliminary Descriptions of the Terrestrial Natural Communities of California* (Holland et al. 1986).

Dudek also conducted an assessment for the presence of waters or wetlands potentially subject to regulatory agency jurisdiction, including searching for the presence or drainage features and topographic features and soils that could support standing water. However, a formal wetland delineation was not conducted as part of the site visit.

Results

Existing Conditions

Topography on site is flat from previous grading and compaction for development of the asphalt paved parking lots. Elevation is about 40-45 feet above mean sea level. Adjacent land uses include hotels, commercial development, and asphalt-paved public rights-of-way. Historic aerials depict Block 5 as a parking lot since 2003; Block 20 was initially half dirt compacted lot and half hotel until 2014, when it was demolished and paved into a public parking lot.

Vegetation Communities and Land Covers

Two non-native vegetation communities and/or land cover types were mapped within the study area; no native, sensitive, or wetland vegetation communities were detected. Vegetation communities observed include disturbed habitat and urban/developed land. These were identified and mapped within the study area based on general characteristics and/or species composition. Figure 2 illustrates the distribution of vegetation communities and land covers, and Table 1 provides a summary of each land cover's extent.

Table 1. Vegetation Communities and Land Cover Types in the Study Area

Vegetation Community/Land Cover Type		
Non-Native Vegetation Communities/Land Covers	Project Site (Acres)	100-foot Study Area Buffer (Acres)
Disturbed habitat	0.25	0.03
Urban/developed land	1.82	4.74
Total	2.07	4.77

Aquatic Resources

A review of the National Hydrography Dataset and National Wetland Inventory databases revealed no mapped blue-line wetland features. No naturally occurring wetlands or potentially jurisdictional aquatic resources were observed on the study area during the biological reconnaissance. Although the project lies within the Coastal Zone and occurs approximately two blocks east of the Pacific Ocean, intervening land use consisting of urban development prevents downstream connectivity from the project to this traditionally navigable waterbody. As such, implementation of the project is anticipated to have no impact to aquatic resources.

Special-Status Plants

There are no sensitive or natural communities present, and no special-status plants were observed on the study area during the biological reconnaissance. Disturbed habitat on previously graded and compacted soils contained areas of gravel and rock aggregate from the adjacent North County Transit District rail line, with scattered ruderal forbs and grasses present which are accustomed to disturbed environments. Developed areas on the study area do not support a natural substrate and contain impermeable surfaces that are not capable of supporting special-status plants. A total of 12 non-native plants were observed within the disturbed habitat on site and are included in Attachment B: Species

Compendium. No native or sensitive vegetation communities are present on the study area that can support special-status plants. Representative photographs of the project site are included in Attachment C: Site Photos. As such, implementation of the project is anticipated to have no impact to special-status plants.

Special-Status Wildlife

A total of two native wildlife species were observed in the study area during the biological reconnaissance: American crow (Corvus brachyrhynchos) and Anna's hummingbird (Calypte anna). No amphibian, aquatic, mammalian, reptilian, or invertebrate species were detected during the biological reconnaissance. No special-status wildlife are expected to occur on the study area due to lack of natural or sensitive vegetation communities present. No active bird nests were observed during the field visit; however, the study area could support nesting migratory birds, particularly within the disturbed habitat and ornamental trees along the sidewalks that border the project site boundary. The entire study area is surrounded by a mixture of commercial and recreational development and does not function as a wildlife corridor or habitat linkage due to lack of connectivity to natural habitat blocks.

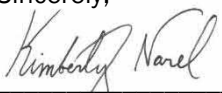
Conclusion

Due to the presence of ornamental trees and disturbed habitat that could provide nesting and foraging opportunities for native and migratory birds, construction activities should avoid the bird nesting season (generally February 1 through August 30) to ensure compliance with the Migratory Bird Treaty Act and California Fish and Game Code Section 3500 et seq. If avoidance of the nesting season is not feasible, then a pre-construction nesting bird survey should be conducted by a qualified biologist within 10 days prior to construction activities to determine the presence/absence of nesting birds within the study area. If nesting birds are discovered during pre-construction surveys, then the biologist should identify an appropriate buffer where no project activities are allowed to occur until after the birds have fledged from the nest. Construction activities may take place in other areas on the project site, outside of the nest avoidance buffer, as authorized by the biologist.

Based on currently available design, the proposed project would not result in any significant impacts to biological resources.

If you have any questions regarding the contents of this report, please contact me at knarel@dudek.com or 949.508.5745.

Sincerely,



Kimberly Narel
Biologist

Att.: *A: Figures 1–2*
B: Species Compendium
C: Site Photos
Cc: *Erin Lucett, Environmental Planner, Dudek*

References

CDFW (California Department of Fish and Wildlife). 2024. BIOS Viewer, version 6.24.0201. https://apps.wildlife.ca.gov/bios6/.

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Attachment A

Figures 1 and 2

SOURCE: SANGIS 2023

DUDEK

0 125 250 Feet

FIGURE 1

Project Location

Oceanside Block 5 & 20

SOURCE: SANGIS 2023

DUDEK

0 85 170 Feet

FIGURE 2

Biological Resources

Oceanside Block 5 & 20

Attachment B

Species Compendium

Plant Species

Angiosperms (Dicots)

ASTERACEAE – SUNFLOWER FAMILY

* *Sonchus oleraceus* – common sowthistle

BRASSICACEAE – MUSTARD FAMILY

* *Sisymbrium irio* – London rocket

CHENOPODIACEAE – GOOSEFOOT FAMILY

* *Chenopodium murale* – nettleleaf goosefoot

EUPHORBIACEAE – SPURGE FAMILY

* *Euphorbia terracina* – Geraldton carnation weed

FABACEAE – LEGUME FAMILY

* *Melilotus indicus* – annual yellow sweetclover

GERANIACEAE – GERANIUM FAMILY

* *Erodium botrys* – longbreak stork's bill
* *Erodium cicutareum* – redstem stork's-bill

MALVACEAE – MALLOW FAMILY

* *Malva parviflora* – cheeseweed mallow

SOLANACEAE – NIGHTSHADE FAMILY

* *Solanum americanum* – American black nightshade

Angiosperms (Monocots)

ARECACEAE – PALMS

* *Washingtonia robusta* – Washington fan palm

POACEAE – GRASSES

* *Poa annua* – annual blue grass

Wildlife Species – Vertebrates

Birds

CORVIDAE – JAYS AND CROWS

Corvus brachyrhynchos – American crow

TROCHILIDAE – HUMMINGBIRDS

Calypte anna – Anna's hummingbird

* signifies introduced (non-native) species

Attachment C

Site Photos

1. Overview of Block 5 Project Site, facing south

2. Overview of Block 5 Project Site, facing train tracks

3. Overview of Block 20 Project Site, facing train tracks

4. Overview of Block 20 Project Site, facing northwest

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