

APPENDIX G

Health Risk Assessment

Prepared for:
EDAW
Sacramento, CA

Health Risk Assessment to Support Environmental Impact Analysis for the Proposed Lowe's Center Commercial Development, Manteca, California

ENSR Corporation
September 2007
Document No.: 02450-025

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List of Acronyms and Abbreviations

AB2588	Assembly Bill 2588
AERMOD	AERMOD v07026, EPA Guideline Air Dispersion Model
ARB	Air Resources Board
ARB	California Air Resource Board
ATCM	Air toxics control measure
BPIP	Building Profile Input Program
CEQA	California Environmental Quality act
CMU	Commercial Mixed-Use
DBR	Daily Breathing Rate
DPM	Diesel particulate matter
EMFAC	emissions factor model
EPA	Environmental Protection Agency
GLC	Ground-level concentration
Guidance	SJVAPCD Modeling Guidance
HARP	Hotspots Analysis Reporting Program
HI	hazard index
Hp	horsepower
HRA	Health risk assessment
HROFDY	Hour-of-day emission scalar
I5	Interstate 5
Km	Kilogram
l	liters
MEIR	maximum exposed individual residential receptor
MEIW	maximum exposed individual worker (occupational) receptor
mg	milligrams
MP	Multipathway
OEHHA	Office of Environmental Health hazard Assessment
PAH	polycyclic aromatic hydrocarbon
REL	Reference Exposure Levels
SJVAPCD	San Joaquin Valley Air Pollution Control District
SR 99	State Route 99
SR120	State Route 120
SRP	Scientific Review Panel
TAC	Toxic air contaminant
TRU	Transportation Refrigeration Unit
UTM	Universal Transverse Mercator

1.0 Introduction

This health risk assessment (HRA) is a detailed analysis of the potential health risks posed by operation of the proposed Lowe's Center Commercial Development, located in Manteca, California. The project applicant (Kitchell Development Company) submitted an application to the City of Manteca for the development of a commercial shopping center on the project site, referred to as the Lowe's Center Commercial Development project (Lowe's). This HRA was conducted in support of the environmental impact analysis required under the California Environmental Quality Act (CEQA) for the proposed action. The assessment evaluates toxic air contaminants (TACs) emitted into the environment due to the proposed project, the potential for human exposure, and a quantitative assessment of individual health risks associated with those levels of exposure. The principal concerns for public health are associated with emissions of TACs into the air during routine operation of the proposed facility.

1.1 Project Background

The project site is approximately 16 acres and is located in the southwestern portion of City of Manteca. The project site is located immediately north of State Route 120 (SR 120), approximately 3 miles west of State Route 99 (SR 99), and 3 miles east of Interstate 5 (I-5). The site is generally bounded by SR 120 to the south, residential development to the north and east, vacant land zoned for commercial development to the north, and commercial development to the west. The site is situated at the southeast corner of the intersection of Daniels Street and South Airport Way, east of the Stadium I and II shopping centers.

The project site is a fallow agricultural field. Irrigation control structures run east and west along the southern border of the site. An irrigation well and pump is located at the site's western edge. In the past, the site was used for agricultural row crop production. With adoption of the City of Manteca General Plan update (City of Manteca 2003) and designation of the project vicinity for urban land uses, the area is experiencing an increasing number of development applications to convert agricultural lands to urban development. In general, new residential and commercial developments are the predominant land use in the project vicinity. Low-density, single-family residential subdivisions are located to the northeast and to the south across SR 120. A shopping center is currently under construction to the west of the project site and an 11-acre shopping center is planned for the vacant parcel to the north.

In recent years, the City of Manteca has emerged as a regional metropolitan area due in part to its proximity to the Bay Area. The City of Manteca has historically been a prime agricultural center because of its fertile soil, mild climate, and access to clean water. However, the area has been experiencing new trends in development and the area's new and proposed subdivisions are indicative of the area's rapid economic and housing growth.

The City's general plan, updated in October 2003, designates the entire site for commercial mixed-use land uses. The purpose of the mixed-use land designation is to accommodate a variety of uses including high-density residential, employment centers, retail, commercial, and professional offices. Surrounding land uses are neighborhood commercial, low density residential, medium density residential, and general commercial. The site is zoned general commercial and the Assessor's Parcel Number is 222-25-03. The primary purpose of the general commercial district is to provide areas for wholesale, warehousing, and heavy commercial activities including regional shopping centers, recreation and entertainment, and commercial activities that cater to tourists and highway travelers in areas proximate to I-5 and SR 99 and SR 120.

1.2 Project Description

The project would be the third development of the "Stadium Center" shopping center, and would include a variety of commercial uses including large retail, restaurant, and other retail venues. It is anticipated that the proposed development would compliment the overall appearance of the nearby Stadium Center I and II shopping centers to the west. Implementation of the proposed development would result in the construction of

a commercial center that would accommodate an approximately 170,589 square foot Lowe's Home Improvement Warehouse and approximately 32,000 square feet of retail space in four separate buildings.

This HRA evaluates potential impacts from TAC emissions associated with operation of the proposed development. **Figure 1-1** shows the proposed development site layout. Construction of the proposed project would occur in two phases: Phase 1 – Lowe's Home Improvement Warehouse and Phase 2 – retail buildings. Phase 1 would occur over a 5- to 6-month construction period followed approximately 12 months later by the start of Phase 2 construction. The two phases of this development are described in greater detail below.

Phase 1 – Lowe's Home Improvement Warehouse

An approximately 141,436-square-foot Lowe's Home Improvement Warehouse and an approximately 29,153-square-foot adjoining Lowe's garden center would be developed on the eastern portion of the 16-acre site. A recessed truck well used for material and product deliveries would be located at the southeast corner of the building. Primary access to the truck well from Daniels Street would be along a delivery truck lane located on the east side of the building. The recessed truck well would not be covered. Trucks would back up to a dock leveler and a truck seal would hood the back of the truck protecting the forklifts servicing the delivery from the outside elements, while leaving open (uncovered) the cab/engine.

Two proposed fork lifts would operate on a daily basis in the garden center located in the southeastern portion of the project site adjacent to SR 120. Also, a back-up power generator would be installed within the enclosed staging area located at the northeast corner of the warehouse building to provide electricity to the Lowe's facility in case of emergency or power outage.

A large parking area would be located in front of the Lowe's building to the west, and some additional parking spaces would be located at the back of the building to the east. Phase 1 of the project includes 650 parking spaces for both the Lowe's building and the garden center.

The height of the Lowe's building would generally range from 32 to 37 feet. The building's highest point would be an approximately 51-foot-tall tower over the main entrance. Lighting in the parking lot would consist of several 37-foot tall pole-mounted lighting fixtures located throughout the parking areas. A 4-foot-high fence would run along the project site's southern boundary. A block wall is located along the eastern edge of the property between the delivery truck lane and residences to the east of the site.

Phase 2 – Retail Buildings

Improvements proposed as part of Phase 2 include the development of approximately 32,000 square feet of retail space in three buildings on the western portion of the project site. The three commercial buildings would include a 13,000-square-foot building for retail shops, a 4,000-square-foot building for a fast-food restaurant, and an approximately 15,000-square-foot building for commercial use. The larger retail buildings would be designed to accommodate multi-tenant retail stores and restaurants. It is anticipated that all four buildings would compliment the overall appearance of the Stadium Center shopping centers to the west. Approximately 124 parking spaces would be located between and around the retail buildings.

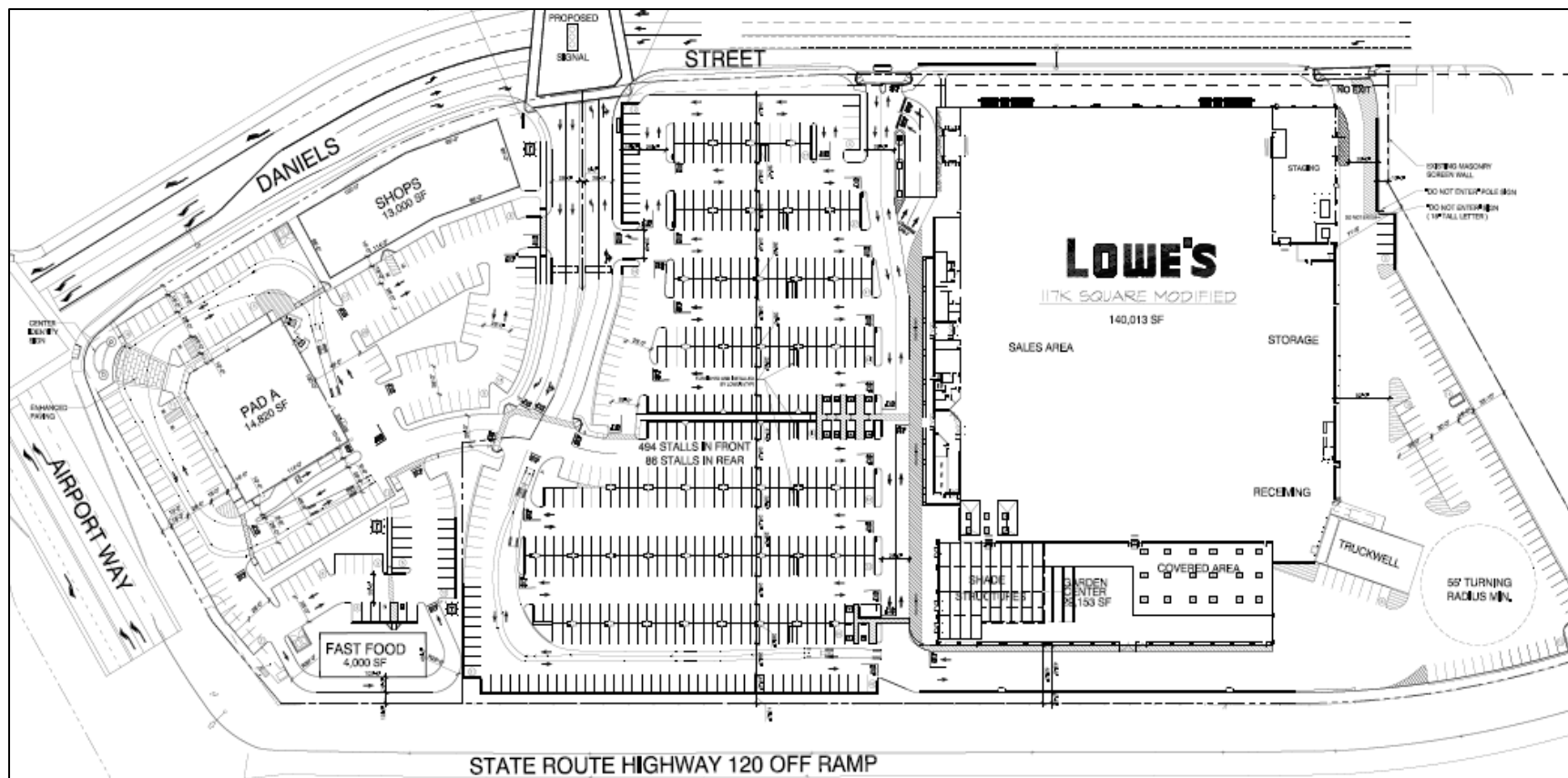


Figure 1-1 Proposed Lowe's Center Commercial Development Project, Site Layout

2.0 Identification of Air Toxic Contaminants

This section identifies and presents information on the TAC emissions from the proposed action, potential health hazards associated with the TACs emitted, and their associated cancer risk and/or noncancer health impact evaluation requirement. It addresses the potential environmental impacts associated with human exposure to TACs of concern emitted into the air resulting from operation of Lowe's Center Commercial Development.

Toxic Air Contaminants were evaluated for long-term cancer and non-cancer chronic health hazard impacts. Because the air toxics evaluated do not have health risk impacts due to short-term exposure, an assessment of acute exposure (short-term) was not required to evaluate health risk impacts because TAC emissions from the proposed action do not have short-term (acute) health risk impacts associated with their exposure.

2.1 Health Risk Assessment Methodology

This health risk assessment contains TAC emission estimation, air dispersion analysis, and health risk characterization. The San Joaquin Valley Air Pollution Control District (SJVAPCD) has developed detail instructions for completing air quality modeling analysis, documented in the SVAPCD Guidance for Air Dispersion Modeling, (SJVAPCD, 2006). Appendix A, Section 2.0 of the SJVAPCD Modeling Guidance (Guidance), describes recommended methodology for conducting CEQA health risk assessments. This guidance document was followed as well when attributing source release parameters to truck exhaust and for the estimation of diesel-particulate emissions from truck travel and truck idling. This HRA included all sources of air toxics, including permitted (stationary emergency generator), and non-permitted (mobile) equipment.

Sources of TAC emissions from the project were estimated using emission factors provided in the SJVAPCD Guidance and particulate matter emission standards for various engine classes to quantify facility operations. Exposure calculations were performed using air dispersion modeling analysis to predict ground-level air concentrations, by source. Results of the air modeling exposure predictions were then applied to the emission estimates and, along with the respective cancer potency factors and chronic and acute noncancer reference exposure levels (RELS) for each TAC, were used to perform a health risk characterization that quantified individual health risks associated with predicted levels of exposure.

In addition to the SJVAPCD Guidance, other methods used to assess potential human health risks from the proposed project were obtained from The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2003) (OEHHA Guidance Manual) which describes algorithms, exposure methods, and cancer and noncancer health values needed to perform a HRA under the Air Toxics Hot Spots Information and Assessment Act of 1987 (Hot Spots or AB 2588, Health and Safety Code Section 44360 et seq.). This Guidance Manual is generally considered the best available reference for conducting human health risk assessment in California. Additional references include the South Coast Air Quality Management District (SCAQMD) Health Assessment Document for Diesel Engine Exhaust (EPA/600/8-90/057F, May 2002).

2.2 Air Toxic Substances Emitted

The primary TAC evaluated for potential health risks from operation of the Lowe's Center Commercial Development is particulate emissions from diesel-fueled engine exhaust. The regulated pollutant surrogate for this TAC is commonly referred to as diesel particulate matter (DPM). Organic gases from restaurant and fast food cooking operations will also be emitted, specifically naphthalene and polycyclic aromatic hydrocarbons (PAH's). The SJVAPCD does not require health risk assessment of emissions from propane-fired forklifts.

2.2.1 Sources of Air Toxic Emissions

Sources of TAC emissions include diesel-fueled engine and restaurant operations. Delivery truck travel, truck idling, and operation of the emergency back-up power generator are emission sources of particulate matter from diesel-fueled engines.

Trucks entering and leaving the Lowe's Center Commercial Development will include deliveries associated with the Lowe's store, the retail stores, and fast-food restaurant. Delivery trucks will generally follow travel routes established in the proposed project site design that facilitate traffic circulation and minimize vehicle congestion. Delivery trucks servicing Lowe's will enter exclusively through a one-way entrance approximately 300 feet southeast of the primary conveying intersection off Daniels. Trucks will follow the Lowe's building line perpendicular to Daniels before backing into the delivery dock. After delivery, trucks will egress following the western edge of the building past the garden center, through the parking lot and exit onto Daniels through the main intersection. Trucks servicing the retail stores and fast-food restaurant will enter and exist via Daniels through the main intersection. Travel routes for these trucks will generally follow the circulation pattern of the project site design, as shown in **Figure 1-1** above.

Trucks idling will occur in the Lowe's shipping and receiving delivery dock during ingress and egress. Trucks will be limited to an idle time not to exceed 5 minutes for entering or exiting the truck delivery well, in accordance with compliance with California State Legislation that prohibits heavy-duty truck idling for five minutes or more. The delivery dock is the only location where routine truck idling associated with operation of the Lowe's Center is expected.

The fast-food restaurant will emit organic gases from the cooking of animal fats and oils. Emissions will be controlled through to an exhaust manifold (hood) to a roof-top vent. It is not expected that operation of the restaurant will require use of transportation refrigeration storage units (TRU's).

As stated previously, some small forklifts will be operated primarily inside the distribution center and will run on propane. Emissions from forklifts are considered to have an insignificant environmental impact due to their small engine size and use of propane-fueled engines. In accordance with the SJVAPCD Modeling Guidance and direct correspondence, emissions from forklifts, as well as emissions from vehicles traveling on the roads or highways, are not considered in health risk analysis.

2.2.2 Health Risk Factors

Toxic Air Contaminants were evaluated in this analysis using health values approved and published by the OEHHA and the ARB for use in facility health risk assessments conducted for the AB 2588 Air Toxics Hot Spots Program (ARB, 2005). The chemical substances of concern that are addressed in this HRA are listed in **Table 2-1**, along with their respective OEHHA health effect values. The table lists the OEHHA adopted inhalation and oral cancer slope factors, noncancer acute RELs, and inhalation and oral noncancer chronic RELs. The cancer potency factors and RELs used were obtained from the OEHHA HRA Guidance Document.

Unlike DPM exposure which is only through inhalation, PAH's emitted from the fast-food restaurant are considered multipathway pollutants that may enter the body through inhalation, dermal, soil vegetable, and oral exposure routes. Typically the highest impact for PAH emission is through the oral exposure route. To simplify the screening risk assessment, the SCAQMD developed multi-pathway adjustment (MP) factors in its risk assessment and screening procedures. The inhalation risk is multiplied by the MP factors to account for the additional health risk due to other pathways of exposure. The MP factors were developed using the Hotspots Analysis and Reporting Program (HARP). SCAQMD guidelines (Table 8-A) lists a screening multipathway adjustment factor for PAH of 29.76 for residential exposures, 14.62 for worker. Although naphthalene is also a PAH and emitted from fast-food operations, it is not considered a multipathway pollutant and does not have a MP factor. All cancer health risk impacts were therefore based on inhalation exposure routes, with the appropriate screening adjustment factor applied to cancer risk calculated from PAH inhalation exposure. Non-cancer chronic exposure was evaluated for the respiratory system. In accordance with

SJVAPCD Guidance, polycyclic aromatic hydrocarbon (PAH) emissions were analyzed using cancer potency factors for benzo(a)pyrene, which provides conservative health impact estimation.

Table 2-1 Risk Assessment Health Values for Substances of Potential Concern

Compound (CAS Number)	Cancer Risk		Non-cancer Effects	
	Inhalation Cancer Potency (mg/kg-day) ⁻¹	Inhalation Unit Risk (µg/m ³) ⁻¹	Chronic Inhalation Reference Exposure Level (µg/m ³)	Acute Inhalation Reference Exposure Level (µg/m ³)
PAH (50328) ¹	3.9E+00	1.1E-03	--	--
Naphthalene (91203)	1.2E-01	3.4E-05	9.0E+00	--
Diesel Particulate Matter (9901)	1.1E+00 ²	3.0E-04	5.0 E+00	--

¹Benzo(a)pyrene (CAS number shown) was modeled as a surrogate carcinogen for all PAH emissions.

²Cancer risk from DPM emissions was evaluated in this HRA by applying an exposure adjustment of 4.1453E-04, which considers exposure assumptions specified in the SJVAPCD Modeling Guidelines.

Source: ARB 2005

2.3 Risk Definitions and Significance

Cancer Risk. Cancer risk is the probability or chance of contracting cancer over a human life span, which is assumed to be 70 years. Carcinogens are not assumed to have a threshold below which there would be no human health impact. In other words, any exposure to a carcinogen is assumed to have some probability of causing cancer; the lower the exposure, the lower the cancer risk (i.e., a linear, no-threshold model). Under California's Air Toxics "Hot Spots" (AB2588) program and Proposition 65, an incremental cancer risk of 10-in-one-million is used as the public notification level for air toxic emissions from existing sources.

Non-Cancer Risk. Non-cancer health impacts can result from short-term (acute) or long-term (chronic) exposure to chemical substances. In determining potential non-cancer health risks from air toxics, it is assumed that there is a dose of the chemical of concern below which there would be no impact on human health. The air concentration corresponding to this dose is called the REL. Non-cancer health risks are measured in terms of a hazard index (HI), which is the calculated exposure of each contaminant divided by its REL. Hazard indices for those pollutants affecting the same target organ are typically summed, with the resulting totals expressed as hazard indices for each organ system. Similar to cancer risk, non-cancer impacts also have determined significance thresholds based on the estimated HI for the project. The chronic hazard index was calculated using the hazard indices calculated with model-predicted annual concentrations.

Acute toxicity is defined as adverse health effects caused by a short-term chemical exposure of no more than 24-hours. Short-term impacts were not evaluated in this HRA because air toxic substances emitted from the proposed Lowes project do not have acute toxicity factors published to evaluate exposure.

CEQA Significance Criteria for Health Impacts. California has not established state-wide significance thresholds for cancer and non-cancer health risk impacts under CEQA. However, most air districts in California have adopted local significance thresholds for health risks in their policy guidance to project proponents. The SJVAPCD Modeling Guidance defines CEQA HRA significance thresholds for cancer health impacts as equal to or greater than 10 (cases) in a million, and significance thresholds for incremental non-cancer health impacts as equal to or greater than a HI of 1.0.

3.0 Exposure Assessment and Risk Characterization

This section describes the information related to the air dispersion modeling process used to estimate ground-level concentrations of TACs emitted from the proposed project. Evaluation of potential health risks from the proposed Lowe's Center Commercial Development was conducted in accordance with the procedures described in the SJVAPCD Modeling Guidelines for facilities for which diesel particulate matter is the predominant toxic air contaminant.

3.1 Toxic Air Contaminant Emissions

3.1.1 Particulate Matter from Diesel-Fueled Engines

The predominant potential health risk impact from operation of the Lowe's Center Commercial Development will be from diesel-fueled internal combustion engines. Several operations contribute to emissions of DPM, including truck travel, truck idling, and stationary emergency equipment. Emissions of DPM from internal combustion engines are summarized in **Table 3-1**. Emission estimates were determined based on emission factors specified in the SJVAPCD Modeling Guidance, equipment manufacturer, or particulate matter emission standards for the engine class. Detailed emission calculations are provided in Appendix A.

Table 3-1 Emissions of Particulate Matter from Diesel-Fueled Engines

Emission Source Description	Average Emission Rates		
	Hourly Emissions (lbs/hr)	Daily Emissions (lbs/day)	Annual Emissions (lbs/year)
Truck Travel Along Lowes Bldg Line	0.0005129	0.0062	2.25
Truck Travel Through Lowes Parking	0.0004196	0.0050	1.84
Truck Travel Through Retail Parking	0.0005595	0.0067	2.45
Truck Idling in Lowe's Delivery Well	0.00157	0.01889	6.90
Emergency Back-up Power Generator	0.01698	0.00243 ¹	0.88
Grand Total	0.02004	0.03921	14.3

¹Average daily emission modeled using an emission factor of 0.1429 applied to hourly emissions from weekly testing and maintenance.

3.1.1.1 Truck Travel

Emissions of DPM from trucks will be generated from traveling and idling activities. As shown in **Table 3-1**, emissions of DPM will occur from three types of truck travel. Trucks traveling on Daniels will turn right into the delivery route and follow the southern building line to the site of the delivery dock. Following delivery, trucks will proceed along the western building line toward the vehicle customer parking lot. Trucks will continue through the western lane of the Lowe's parking lot and exit the site through the signalized intersection onto Daniels Street.

Truck idling will occur at the truck delivery dock. Truck idling will be limited to no more than 5 minutes per truck, in accordance with the idling time limits proposed by the state Air Toxics Control Measure (ATCM) to limit diesel-fueled commercial motor vehicle idling (ARB 2005).

Deliveries to the Lowe's store are estimated to require between 15 and 20 truck trips per day (maximum 20 truck trips per day). Most if not all deliveries to the Lowe's Center will occur during regular hours of operation from 6:30 AM and 6:00 PM daily. In addition, approximately 3 to 4 trailer truck trips per day (maximum of 4 truck trips per day) will service the retail stores and restaurant, which includes incoming and outgoing truck travel.

The emission factors specified in Appendix A of the SJVAPCD Guidance for use in conducting CEQA health risk assessments were used to determine particulate emissions generated by delivery trucks. Distances (in feet) used to estimate emissions from truck travel were determined based on site layout including the length of building side delivery lanes, area around parking lot, and distance around the retail store traffic circulation pattern for vehicle and truck traffic. Emissions from the emergency generator are based on the particulate matter emission standard for Tier II diesel-fueled engines.

Lowe's will not operate a cold storage facility for goods distribution and does not include the operation of any TRU's for delivery of perishable goods to the Lowe's Center. An average delivery vehicle will have a TRU with a small (approximately 24 hp) cooling and heating unit for temporary refrigeration of cold goods. Emissions from these operations are considered to be incidental to overall facility operations.

3.1.1.2 Emergency Equipment

Other combustion sources include an emergency power generator. Emissions for this unit were based on operating conditions that represent the maximum emissions profile (being permitted) for the Lowe's facility. The emissions from the emergency generator were quantified for routine testing and maintenance operation only. The Lowe's project will be required to equip the emergency power generator with California Tier 2 engines (Tier 3 equivalent) that meet applicable standards for particulate control. Annual estimates were based on an operating limit of 52 hours per year or less for testing. This limit is expected to be an upper-bound permitted condition of operation for the equipment for testing due to the California regulations limiting the non-emergency use of stationary diesel-fueled engines. The engine size (brake-horsepower) and manufacturer was obtained from operating permits for equipment installed at a facility of similar size and requirement. Emission factors for these engines are based on data from the equipment manufacturer.

3.1.2 Organic Gases (PAH and Naphthalene)

Emissions of organic gases from the restaurant were evaluated using benzo(a)pyrene [B(a)P], as the surrogate carcinogen for all PAH emissions. Since B(a)P is one of the most potent carcinogens in the PAH class, use of this cancer potency factor with total emissions will overestimate the risk, and is in accordance with SJVAPCD Modeling Guidance for high volume, flat griddle cooking.

3.2 Dispersion Modeling Methodology

Concentrations of TACs in ambient air were estimated from mass emissions through the use of an air dispersion modeling analysis. Air concentrations resulting from potential emissions were estimated using the methodology provided in the SJVAPCD Modeling Guidance, and good modeling practice. This section presents the methods used to conduct the air dispersion modeling analysis for estimating concentrations of TACs.

3.2.1 Air Dispersion Model

This health risk assessment used the USEPA-approved AERMOD (Version 07026) dispersion model to determine annual ground-level air concentrations. AERMOD was run using rural dispersion coefficients with all model option switches set to regulatory-default settings. The air dispersion modeling analysis was digitally referenced using a Universal Transverse Mercator (UTM), zone 11 NAD83 datum coordinate system. Because all health effects were evaluated based on long-term exposures, short-term (1-hour) concentrations were not modeled. AERMOD was used to calculate annual ground-level air concentrations of DPM using

actual emission rates from each emission source modeled in the dispersion analysis. To identify the maximum air concentration from all internal combustion equipment, a single source group “DPM” was used to combine emission impacts and identify the highest combined impact. Fast-food restaurant emissions used a normalized (“unit”) emission rate based on the source group “FOOD” to use with actual emission rates.

3.2.2 Meteorological Data

The modeling analysis used five years (2000-2004) of sequential hourly meteorological data to determine the highest annual concentrations for use in the HRA. The meteorological data sets were developed by the SJVAPCD for use in air dispersion modeling studies using AERMOD. The meteorological data was obtained from the SJVAPCD website for the Madera monitoring station. The analysis showed that meteorological data for the year 2002 produced the highest annual impacts from emission sources at the Lowe’s Center, with a maximum variability of approximately 10% between modeled years.

3.2.3 Emission Factors

Variable emission correction factors were used in the air dispersion modeling analysis to represent actual hours of operation. Hour of day (HROFDY) emission rate scalar instructions were used in the AERMOD dispersion analysis to adjust hourly emissions based on routine daily activity level. The emission factors were attributed evenly throughout the day based on the Lowe’s scheduled store hours. Because the cafeteria is expected to operate around the clock, no emission factors were applied to cafeteria operations.

3.2.4 Modeled Source Release Parameters

In accordance with the SJVAPCD Modeling Guidance, emissions from truck idling were modeled as vertical point source releases and emissions from truck travel were modeled as line (adjacent volume) sources.

Figure 3-1 shows modeled emission sources for the Lowe’s facility. **Table 3-2** summarizes the modeled release parameters for all emission sources evaluated in the HRA.

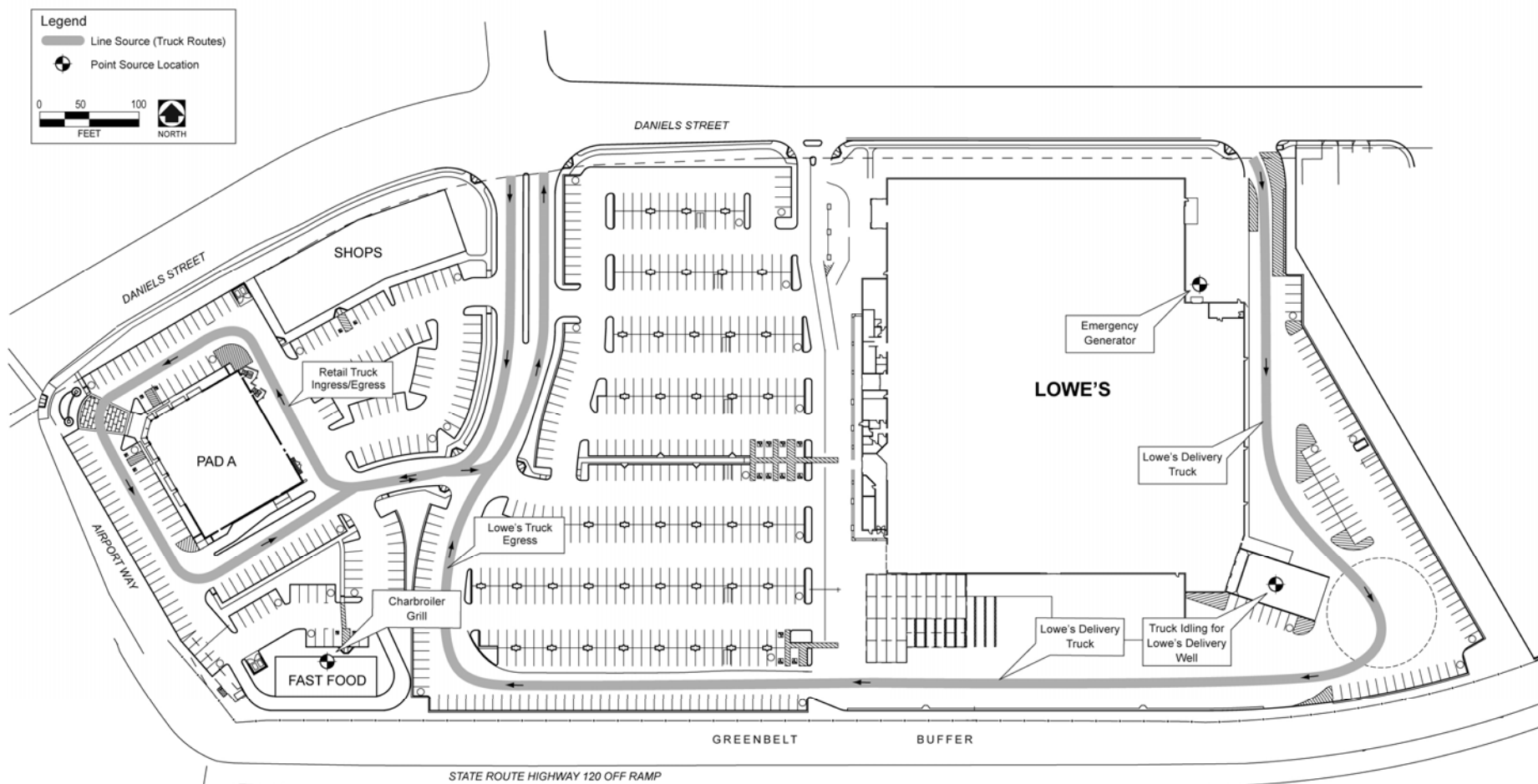
Table 3-2 Modeled Release Parameters for Emission Sources at Lowes Merced DC

	Source Type	Release Height (ft)	Length of Side (ft)	Temp. (F)	Release Velocity (m/s)	Vertical Dimension (ft)
Truck Travel Lowes Bldg Line	Line ¹	6	12	-	-	17.5 ²
Truck Travel Lowes Parking	Line ¹	6	12	-	-	6
Truck Travel Retail Parking	Line ¹	6	12	-	-	6
Truck Idling Delivery Well	Point	12.6	-	200	51.71	0.33 ³
Emergency Power Generator	Point	12.0	-	937	71.83	0.66 ³
Restaurant Charbroiler	Point	30.0	-	200	6.15	1.0 ³

¹Line source represented by adjacent volume sources.

²Vertical dimension based on the thirty five (35) foot Lowe’s building adjacent to the elevated volume source release.

³Represents stack diameter for point sources.



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Figure 3-1 Modeled Emission Sources on Facility Plot Plan

3.2.5 Building Downwash

The latest version of the USEPA Building Profile Input Program (BPIP-PRIME) was run to determine dominant structures for building downwash calculations run in AERMOD for point sources. Direction specific building heights and widths of the dominant downwash structure(s) were included in the AERMOD model data input file directly from BPIP-PRIME results. Building downwash was also modeled for evaluating emissions from the restaurant.

3.2.6 Terrain

The terrain surrounding the proposed Lowes Center Commercial Development site is primarily flat agricultural land or light industrial warehousing and distribution centers. Due to the relative flatness of terrain, and that no point source has high plume rise, terrain was not applicable to the air dispersion modeling analysis.

3.2.7 Receptors

Modeled receptors were placed at locations of potential human exposure to identify the maximum exposed individual at an existing residential receptor (MEIR), and the maximum exposed individual at an existing occupational worker receptor (MEIW). In addition, sensitive receptors, locations were a sensitive population segment such as children, elderly, or the infirmed may be exposed were also identified and modeled. Receptor locations within 1 mile of the project site were identified based on orthographic aerial photographs and a physical survey of the proposed project site.

Twenty-two residential receptors were identified and modeled to determine the MEIR. Residential receptors included existing residences located to the east, south and west of the proposed project across Daniels. One residential receptor was also located across SR 120 to ensure that maximum impacts were identified. Two occupational receptors were identified and modeled to determine the MEIW, including the two earlier Stadium Phases. Occupations were located north of the Lowe's project. Four schools were evaluated in the area of the project site. Schools were evaluated for health risks using both child exposure factors to assess student impacts, and as an occupational receptor to assess adults working at the schools. **Table 3-3** summarizes the receptors evaluated for health risk impacts within 2 kilometers (km), including easting and northing bearing, distance to receptor from the center of the project site, and the receptor number modeled in AERMOD. **Figure 3-2** shows a map of school, worker, and residential receptors.

Table 3-3 Receptors Located Within 2-km of the Lowes Center Commercial Development

Receptor Type Number on map	Easting ¹ (meters)	Northing (meters)	Distance from Site (km)	Direction from Site
Residential				
R1 (Existing)	654286	4183476	0.08	North
R2 (Existing)	654306	4183463	0.09	North
R3 (Existing)	654374	4183432	0.13	East
R4 (Existing)	654304	4183420	0.09	East
R5 (Existing)	654317	4183412	0.10	East
R6 (Existing)	654314	4183390	0.10	East
R7 (Existing)	654313	4183373	0.10	East
R8 (Existing)	654346	4183350	0.12	East

Table 3-3 Receptors Located Within 2-km of the Lowes Center Commercial Development

Receptor Type Number on map	Easting¹ (meters)	Northing (meters)	Distance from Site (km)	Direction from Site
R9 (Existing)	654349	4183391	0.12	East
R10 (Existing)	654314	4183353	0.11	East
R11 (Existing)	654307	4183303	0.12	East
R12 (Existing)	654308	4183275	0.13	East
R13 (Existing)	654336	4183450	0.11	North
R14 (Existing)	654307	4183303	0.12	East
R15 (Existing)	654308	4183275	0.13	East
R16 (Existing)	654255	4183496	0.07	North
R17 (Existing)	654221	4183513	0.06	North
R18 (Existing)	654188	4183532	0.05	North
R19 (Existing)	654155	4183552	0.05	North
R20 (Existing)	654130	4183566	0.06	North
R21 (Existing)	654413	4183272	0.17	East
R22 (Existing)	654426	4183092	0.24	South
Occupational				
W1 (Existing)	653937	4183700	0.15	North
W2 (Existing)	653871	4183749	0.19	North
School				
S1 (Existing)	654546	4184209	0.44	Northeast
S2 (Existing)	656306	4184011	1.13	Northeast
S3 (Existing)	656290	4184907	1.31	Northeast
S4 (Future)	655093	4183590	0.49	East

¹All receptors modeled using UTM Zone 11 North NAD 83 Coordinates (meters)



Figure 3-2 Modeled Receptors on Aerial Photograph of Area

3.3 Risk Characterization

3.3.1 Cancer Risk

3.3.1.1 Residential Exposure Assessment

Carcinogenic risks were assessed using the dispersion modeling described above and numerical values of toxicity provided by OEHHA (2003). For the inhalation pathway, the procedure requires the incorporation of several discrete variables to effectively quantify dose. Once determined, contaminant dose is multiplied by the cancer potency factor (CPF) in units of inverse dose expressed in milligrams per kilogram per day (mg/kg/day)¹ to derive the cancer risk estimate. The following dose algorithm was utilized to estimate exposure through inhalation for the cancer risk calculation was performed using Formula EQ 5.4.1A in OEHHA (2003):

$$CDI = (C_{air} \times EF \times ED \times IR) / (BW \times AT)$$

Where:

CDI	=	chronic daily intake (mg/kg/day)
C _{air}	=	concentration of contaminant in air (mg/m ³)
EF	=	exposure frequency (days/year)
ED	=	exposure duration (years)
IR	=	inhalation rate (m ³ /day)
BW	=	body weight (kg)
AT	=	averaging time (days)

The inhalation pathway was used, per OEHHA (2003) to calculate health exposure impacts based on annual ground-level concentrations derived from air dispersion modeling analysis. The residential daily breathing rate (DBR) of 393 L/kg-day was used, consistent with the SJVAPCD Guidance. It should be noted that this DBR is a very conservative assumption, representing the 95th percentile respiratory activity compared to 80th percentile presented in the ARB Recommended Interim Risk Management Policy for Inhalation-Based Residential Cancer Risk (ARB 2003).

3.3.1.2 Worker (Occupational) Exposure Assessment

The OEHHA off-site worker breathing rate of 149 L/kg-day was used to calculate off-site work risks. To estimate the peak off-site worker cancer risk, a worker adjustment factor was applied. The worker adjustment factor is necessary when a facility operates less than 24 hours per day, such as the Lowe's facility. According to the OEHHA guidelines, the worker exposure is based on a dose calculated using a daily breathing rate that corresponds with an 8-hour workday and already takes into account the time during the day that the worker is not exposed to the facility emissions. Since the long-term concentrations predicted using AERMOD are average concentrations that also takes into account the times the facility does not operate, the AERMOD concentrations do not reflect the true exposure only during an 8-hour work shift, as required by the OEHHA risk assessment procedures. To estimate the dose during the 8-hour work shift, the average concentration predicted by AERMOD must be adjusted upward to estimate exposure only during the work shift. To estimate the dose during the work shift, the AERMOD concentrations are adjusted upward by a factor of 2.0. assuming 7 days of operation, this adjustment factor is calculated as follows:

24hours/8 hours = 3.0, where:

24 hours = total possible hours in a day

8 hours = the hours an off-site worker is exposed to facility emissions

Cancer risk calculations were performed using the annual average concentration predicted using AERMOD, with appropriate adjustments for off-site worker exposure.

3.3.1.3 Child Exposure Assessment

Children, for physiological as well as behavioral reasons, have higher rates of exposure (mg/kg-day) than adults. Guidance from the California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) recommends a refinement to the standard point estimate approach when alternate human body weights and breathing rates are utilized to assess risk for susceptible subpopulations such as children (OEHHA, 2000, 2003). To represent the unique characteristics of the school-based population, the HRA assumed that the child exposure was the 9-year (child) exposure duration is intended to represent the first 9-years of life. Therefore, the daily point estimate (e.g., inhalation rate) for the 9-year exposure duration is higher than for the 30 and 70-year (adult) exposure durations.

3.3.2 Non-cancer Risk

An evaluation of the potential noncancer effects of chronic chemical exposures was also conducted. Under the point estimate approach, adverse health effects are evaluated by comparing the annual ground level concentration of each chemical compound with the appropriate Reference Exposure Level (REL). To quantify noncarcinogenic impacts, the hazard index approach was used. The hazard index assumes that chronic subthreshold exposures adversely affect a specific organ or organ system (toxicological endpoint). To calculate the hazard index, each chemical concentration or dose is divided by the appropriate toxicity value. For compounds affecting the same toxicological endpoint, this ratio is summed. Where the total equals or exceeds one, a health hazard is presumed to exist. In a manner consistent with the assessment of carcinogenic exposures, REL values were converted to units expressed in mg/kg/day to accommodate the above referenced intake algorithm for residential cancer risk.

4.0 Health Risk Assessment Results

The Lowe's HRA evaluated cancer risk and chronic non-cancer health effects at specific nearby locations where people may experience an actual exposure. Carcinogenic risks and potential chronic non-cancer health effects were assessed using the dispersion modeling and numerical values of toxicity provided by OEHHA/ARB as described in the preceding sections. The HRA evaluated cancer and non-cancer health effects from inhalation exposure at individual residential, occupational, and sensitive receptors. Because the pollutants of concern do not have published toxicity factors for short-term (acute) exposure, this HRA evaluated only potential long-term health impacts.

Health risk impacts were identified at actual locations of residential and occupational receptors within a 1-mile radius of the proposed project site. A summary of maximum cancer risk and non-cancer health impacts values is shown in **Table 4-1**. Results of the health risk assessment are discussed below.

Table 4-1 Summary of Maximum Health Risks by Receptor Type

Individual Receptor Type	Health Risk Impact ¹	
	Cancer Risk	Non-cancer Chronic
Maximum Exposed Individual Receptor (MEIR)	2.6	0.0013
Maximum Exposed Individual Worker (MEIW)	0.25	0.00016
Maximum Exposed Individual Child (MEIC)	0.39 ^(c) , 0.04 ^(w)	0.000024

¹Cancer risk shown is total cancer risk, expressed in cases per million, from diesel particulate matter, PAH's and naphthalene.

Cancer risk for residential receptor is based on a 70-year exposure. Cancer risk for worker receptors is based on an adjusted worker exposure in accordance with OEHHA and the SJVAPCD Modeling Guidance. Two cancer risk impacts were estimated for the schools. The first cancer risk shown (c) is based on a 9-year student exposure using inhalation and body weight factors developed by OEHHA for children. The second (w) cancer risk is based on a 40-year adult worker exposure.

Of the 22 residential locations identified for evaluating maximum individual health risk impacts, cancer risk at the MEIR was determined to be 2.6 per million. The non-cancer chronic HI at the MEIR was determined to be 0.0013. The MEIR is located at an existing residential receptor and maximum predicted residential risks are below the significance criteria for the proposed project. Two off-site worker locations were identified for evaluating maximum individual health risk impacts at the MEIW. Cancer risk at the MEIW, based on worker exposure assumptions, was determined to be 0.25 per million. The non-cancer chronic HI at the MEIW was determined to be 0.00016.

Four sensitive receptors were identified within 2-kilometers of the proposed Lowe's site. The schools are located west of the project. For evaluating school receptors, two exposure durations were modeled.. The first was to evaluate potential health risk impacts to children that may be attending the school. The health risk assessment used a 9-year exposure period to estimate health risks to children. This exposure scenario accounts for the higher breathing rate to body mass ratio of a child compared to an adult and is appropriate for use in estimating child exposure. The second assessment was of the school as an occupational (worker) receptor, similar to the analysis performed identification of impacts at the MEIW.

Estimated cancer risks and non-cancer chronic impacts at all receptors evaluated in this HRA were determined to be less than the SJVAPCD significance levels of 10 per million and 1.0, respectively. Detailed health risk calculations are provided in Appendix C.

5.0 Risk Assessment Uncertainty

Sources of uncertainty in the assessment of risks to public health include emissions estimates, dispersion modeling, exposure characteristics, and extrapolation of toxicity data in animals to humans. To address this uncertainty, highly conservative assumptions were used in this risk assessment, as discussed below.

Emissions. There are inherent uncertainties in the quantification of emissions from truck travel and idling activities. Uncertainty in the emissions quantification process was minimized by using actual daily truck traffic volumes as observed through operation of a similar Lowe's distribution center. However the mass emission of diesel-particulate matter varies based on engine type and age of equipment. Emission factors based on the SJVAPCD Modeling Guideline for truck idling are based on mobile "on-road" diesel engines (vehicle engines in haul trucks) developed from the ARB on-road emissions factor model (EMFAC). These composite factors include older and newer engines with newer engines designed with cleaner, more fuel-efficient combustion technology.

Air Dispersion Modeling. In general, USEPA dispersion models such as AERMOD are designed to generally to over-predict concentrations rather than under-predict. For example, the model algorithms assume chemical emissions are not transformed in the atmosphere into other chemical compounds. For certain pollutants, conversion may occur quickly enough to reduce concentrations from the conservative model predictions.

Exposure Assessment. The most important uncertainties related to exposure include the definitions of exposed populations and their exposure characteristics. The chief exposure assumption is one of continuous exposure to the TAC concentrations produced by continuous emissions at the maximum emission rates over a 70-year period at each receptor location. The choice of a "residential" maximally exposed individual is very conservative in the sense that no real person is likely to spend 24 hours a day, 365 days a year over a 70-year period at exactly the point of highest toxicity-weighted annual average air concentration. The actual risks are not expected to be any higher than the predicted risks and are likely to be substantially lower. The cancer risk for an inhaled air toxic is estimated by multiplying the exposure concentration by the breathing rate (L/kg-day) times the inhalation cancer potency factor (mg/kg-day)⁻¹. The averaging time for the cancer risk estimate is usually 70 years, which is used to represent a lifetime exposure. An additional conservative assumption was the use of the OEHHA-defined 95th percentile breathing rate of 393 liters of L/kg-day.

Toxicity Assessment. Another area of uncertainty is in the use of toxicity data in risk estimation. Estimates of toxicity for the health risk assessment obtained from OEHHA are conservative compilations of toxicity information. Toxicity estimates are derived either from observations in humans or from projections derived from experiments with laboratory animals. When toxicity estimates are derived from animal data, they usually involve extra safety factors to account for possibly greater sensitivity in humans, and the less-than-human-lifetime observations in animals. Overall, the toxicity assumptions and criteria used in the proposed project risk assessment are biased toward over-estimating risk. The amount of the bias is unknown, but could be substantial.

Diesel Particulate Cancer Potency Factor. The diesel exhaust cancer potency factor is a best-estimate value established by the ARB Scientific Review Panel (SRP) based on review of more than 30 diesel exposure studies. The established potency risk factor is a 95th percentile upper confidence limit value, implying that there is only a 5 percent chance that the value is underestimated (too low). In addition, the most significant of the studies reviewed by the SRP are occupational studies of exposure of diesel exhaust by railroad workers. The occupational results were then extrapolated to the general population, which includes more sensitive individuals than healthy railroad workers.

6.0 References

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Appendix A

Detailed Emission Calculations

Lowe's Shopping Center - Health Risk Assessment

Summary of Particulate Emissions from Diesel-Fueled Engines

Sources Description	Emissions		
	(lbs/hr)	(lbs/day)	(lbs/yr)
<u>Truck Travel</u>			
Truck Travel - Lowes Bldg Line	0.0005129	0.0062	2.2464
Truck Travel - Lowes Parking	0.0004196	0.0050	1.8379
Truck Travel - Retail	0.0005595	0.0067	2.4506
Subtotal	0.00149	0.01790	6.5
<u>Truck Idle</u>			
Truck Well Idle	0.00157	0.01889	6.9
Subtotal	0.00157	0.01889	6.9
<u>Emergency Engines</u>			
Emergency Generator	0.01698	0.00243	0.88272
Subtotal	0.01698	0.00243	0.9
Grand Total	0.02004	0.03921	14.31101

Lowe's Shopping Center - Health Risk Assessment

Ingress / Egress (Line Sources)

Emissions Summary:

	Emissions		
	(lbs/hr)	(lbs/day)	(lbs/year)
Truck Travel - Lowes Bldg Line	0.000513	0.00615	2.25
Truck Travel - Lowes Parking	0.000420	0.00504	1.84
Truck Travel - Retail	0.000559	0.00671	2.45
Total:	0.00149	0.0179	6.5

General Assumptions:

Project Generated Trips:	20 trucks/day (daily movement)
Daily Operation:	12 hrs/day ¹

Emission Factors:

Haul Truck Emission Factor ²	0.670 g/mile
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Emission Calculation:

Truck Travel - Lowes Bldg Line

Travel Rate:

Average Travel Distance:	1100 feet/truck trip ³
Average Daily Truck Trips:	20 truck trips/day
Daily Travel Distance:	4 miles/day
Travel Rate:	0.3472 miles/hour
Emission Rate:	0.000513 lbs/hr

Truck Travel - Lowes Parking

Travel Rate:

Average Travel Distance:	900 feet/truck trip ³
Average Daily Truck Trips:	20 truck trips/day
Daily Travel Distance:	3 miles/day
Travel Rate:	0.2841 miles/hour
Emission Rate:	0.000420 lbs/hr

Truck Travel - Retail

Travel Rate:

Average Travel Distance:	1200 feet/truck trip ⁴
Average Daily Truck Trips:	20 truck trips/day
Daily Travel Distance:	5 miles/day
Travel Rate:	0.3788 miles/hour
Emission Rate:	0.000559 lbs/hr ⁵

¹ Truck travel for the delivery of goods to the Lowes and Retail stores are expected to occur from 6 AM until 6 PM daily. For purpose of modeling, emissions were averaged on an annual daily basis.

² SJVAPCD Modeling Guidance, Emission Factor for Truck Travel

³ Travel distance determined by multiplying the number of volume line sources for Lowe's truck ingress and egress (49 and 42, respectively) by the per volume side length (12 feet).

⁴ Travel distance determined by multiplying the number of volume line sources (55) by the per volume side length (12 feet).

⁵ Average hourly emission estimates are the product of the average truck miles/hour and the emission factor for DPM, in units of grams/mile, converted to pounds.

$$\begin{aligned}\text{Average hourly emission rate} &= 0.3788 \text{ miles/hour} * 0.67 \text{ grams/mile} / 453.6 \text{ grams/pound} \\ &= 0.000559 \text{ pounds/hour}\end{aligned}$$

$$\begin{aligned}\text{Average annual emission rate} &= 0.000559 \text{ pounds/hour} * 12 \text{ hours/day} * 365 \text{ days/year} \\ &= 2.45 \text{ pounds/year}\end{aligned}$$

Lowe's Shopping Center - Health Risk Assessment

Truck Idling (Point Source)

Emissions Summary:

	Emissions		
	(lbs/hour)	(lbs/day)	(lbs/year)
Truck Well Idle	0.0016	0.019	6.9
Total	0.0016	0.019	6.9

General Assumptions:

Project Generated Trips:	20 trucks/day (daily movement)
Daily Operation:	12 hrs/day ¹

Emission Factor:

Haul Truck Emission Factor ²	2.57 g/idle-hr
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Emission Calculation:

Truck Well Idle

General Assumptions:

Engine Idle:	10 minutes/idle ³
Idle rate:	200 idle minutes/day
Hourly Idle Rate:	0.278 idle-hrs/hr ⁴
Emission Rate:	0.00157 lbs/hr ⁵

¹ Truck travel for the delivery of goods to the Lowes and Retail stores are expected to occur from 6 AM until 6 PM daily. For purpose of modeling emissions are averaged on an annual daily basis.

² SJVAPCD Modeling Guidance, Emission Factor for Truck Idle

³ Engine idle time based on average amount of minutes trucks will require to enter and exit the truck well (total of 5 minutes), including turning area time (an additional 2 minutes).

⁴ Average hours of truck idling per hour is a ratio of idling hours per hour of operation (140 idle minutes/day / 60 minutes/hour / 12 hours/day).

⁵ Average emissions equals the average hourly idle rate (idle-hrs/hr) multiplied by the SJVAPCD emission factor for DPM emissions from truck idling (grams/idle-hr), converted to pounds.

Average hourly emission rate = 0.278 idle-hrs/hour * 2.57 grams/mile / 453.6 grams/pound
= 0.00157 pounds/hour

Average annual emission rate = 0.00157 pounds/hour * 12 hours/day * 365 days/year
= 6.9 pounds/year

Lowe's Shopping Center - Health Risk Assessment

Stationary Emergency Engines (Point Sources)

Emissions Summary:

	Emissions		
	(lbs/hour)	(lbs/day) ¹	(lbs/year)
Emergency Generator	0.017	0.00243	0.88
Total	0.017	0.0024	0.88

¹ Average daily emissions modeled using an emission factor of 0.1429 applied to hourly emissions from weekly testing and maintenance.

General Assumptions:

Operational Time	52.0 hrs/yr
Load Factor	1.0 load factor (%/100)
Emission factor:	0.1429 (intermittent use) ¹

¹ Intermittent use emission factor based on an operating schedule of 1 hour/week for routine testing and maintenance purposes.

Emission Calculation:

Emergency Generator

Average Rated Horsepower	220.0
PM10 Emission Factor:	0.035
Load Factor (% / 100)	1.0
	7.7 g/hr
	0.017 lbs/hr
	0.00243 lbs/hr (weekly average)

Appendix B

Detailed Health Risk Calculations

Residential Receptor Exposure Quantification of Carcinogenic Risks and Noncarcinogenic Hazards

Receptor Type	Annual Mass GLC		Adjusted GLC ⁽¹⁾ (mg/m3)	Contaminant	Carcinogenic Risk			Chronic Noncarcinogenic Hazard Toxicological Endpoints ⁽³⁾	
	(ug/m3)	(mg/m3)			URF (ug/m3)	CPF (mg/kg/day)	RISK ⁽²⁾	REL (ug/m3)	RESP ⁽⁴⁾
Maximum Individual Resident (70-year exposure)	6.30E-03	6.30E-06	1.00E+00	Diesel Particulate	4.15E-04	1.1E+00	2.6E-06	5.0E+00	1.3E-03
	1.92E-08	1.92E-11	1.00E+00	Naphthalene	3.40E-05	1.2E-01	8.7E-13	9.0E+00	2.1E-09
	1.92E-08	1.92E-11	1.00E+00	B(a)P	1.10E-03	3.9E+00	8.4E-10	-	-
	Total						2.6E-06		1.3E-03

⁽¹⁾ No exposure adjustment factor required based on a 24-hour daily, 70-year exposure period.

⁽²⁾ Risk for diesel particulates, naphthalene, and benzo(a)pyrene used the following exposure factors to calculate contaminant intake in accordance with SJVAPCD Modeling Guidelines for cancer risk based on a 70-year residential exposure:

exposure frequency (days/year)	350	
exposure duration (years)	70	
inhalation rate (m3/day)	27.5	(393 L/kg BW*day)
average body weight (kg)	70	
averaging time _(cancer) (days)	25550	
averaging time _(noncancer) (days)	25550	
multipathway factor _{B(a)P} (MP)	29.76	(exposure route factor for B(a)P only)

⁽³⁾ Chronic non-cancer impacts are combined result from diesel particulate matter and naphthalene. OEHHA has not published factors for the evaluation of non-cancer risk impacts due to emissions of B(a)P.

⁽⁴⁾ RESP = Respiratory System (only target organ for diesel particulates and naphthalene)

Worker Receptor Exposure Quantification of Carcinogenic Risks and Noncarcinogenic Hazards

Receptor Type	Annual Mass GLC		Adjusted GLC ⁽¹⁾ (mg/m3)	Contaminant	Carcinogenic Risk			Chronic Noncarcinogenic Hazard Toxicological Endpoints ⁽³⁾	
	(ug/m3)	(mg/m3)			URF (ug/m3)	CPF (mg/kg/day)	RISK ⁽²⁾	REL (ug/m3)	RESP ⁽⁴⁾
Maximum Worker Receptor	7.80E-04	7.80E-07	3.00E+00	Diesel Particulate	4.15E-04	1.1E+00	2.5E-07	5.0E+00	1.6E-04
	8.16E-09	8.16E-12	3.00E+00	Naphthalene	3.40E-05	1.2E-01	2.9E-13	9.0E+00	9.1E-10
	8.16E-09	8.16E-12	3.00E+00	B(a)P	1.10E-03	3.9E+00	1.4E-10	-	-
				Total			2.5E-07		1.6E-04
Maximum School Worker Receptor	1.20E-04	1.20E-07	3.00E+00	Diesel Particulate	4.15E-04	1.1E+00	3.9E-08	5.0E+00	2.4E-05
	2.16E-09	2.16E-12	3.00E+00	Naphthalene	3.40E-05	1.2E-01	7.6E-14	9.0E+00	2.4E-10
	2.16E-09	2.16E-12	3.00E+00	B(a)P	1.10E-03	3.9E+00	2.5E-12	-	-
				Total			3.9E-08		2.4E-05

⁽¹⁾ Worker exposure adjustment factor based on an 8-hour daily exposure period due to facility operations.

⁽²⁾ Exposure factors used to calculate contaminant intake:

exposure frequency (days/year)	240	
exposure duration (years)	40	
inhalation rate (m3/day)	10.4	(149 L/kg BW*day)
average body weight (kg)	70	
concentration adjustment	3	
averaging time _(cancer) (days)	14600	
averaging time _(noncancer) (days)	14600	
multipathway factor _{B(a)P} (MP)	14.62	(exposure route factor for B(a)P only)

⁽³⁾ Chronic non-cancer impacts are combined result from diesel particulate matter and naphthalene. OEHHHA has not published factors for the evaluation of non-cancer risk impacts due to emissions of B(a)P.

⁽⁴⁾ RESP = Respiratory System (only target organ for diesel particulates and naphthalene)

School Receptor Exposure Quantification of Carcinogenic Risks and Noncarcinogenic Hazards

Receptor Type	Annual Mass GLC		Adjusted GLC ⁽¹⁾ (mg/m3)	Contaminant	Carcinogenic Risk			Chronic Noncarcinogenic Hazard Toxicological Endpoints ⁽³⁾	
	(ug/m3)	(mg/m3)			URF (ug/m3)	CPF (mg/kg/day)	RISK ⁽²⁾	REL (ug/m3)	RESP ⁽⁴⁾
Maximum Child (Student) Receptor	1.20E-04	1.20E-07	3.00E+00	Diesel Particulate	4.15E-04	1.1E+00	3.9E-07	5.0E+00	2.4E-05
	2.16E-09	2.16E-12	3.00E+00	Naphthalene	3.40E-05	1.2E-01	7.6E-13	9.0E+00	2.4E-10
	2.16E-09	2.16E-12	3.00E+00	B(a)P	1.10E-03	3.9E+00	3.6E-10	-	-
				Total			3.9E-07		2.4E-05

⁽¹⁾ Child exposure adjustment factor based on an 8-hour daily exposure period due to facility operations.

⁽²⁾ Exposure factors used to calculate contaminant intake:

exposure frequency (days/year)	180	
exposure duration (years)	9	
inhalation rate (m3/day)	35.5	(581 L/kg BW*day)
concentration adjustment	3	
average body weight (kg)	18.0	
averaging time _(cancer) (days)	3285	
averaging time _(noncancer) (days)	3285	
multipathway factor _{B(a)P} (MP)	14.62	(exposure route factor for B(a)P only)

⁽²⁾ Chronic non-cancer impacts are combined result from diesel particulate matter and naphthalene. OEHHA has not published factors for the evaluation of non-cancer risk impacts due to emissions of B(a)P.

⁽³⁾ RESP = Respiratory System (only target organ for diesel particulates and naphthalene)

Appendix C

AERMOD Modeling Files

G2 - LOWES_v2.adf

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**
*****
**
** AERMOD Input Produced by:
** ISC-AERMOD View Ver. 5.6.0
** Lakes Environmental Software Inc.
** Date: 9/11/2007
** File: C:\0Projects\Lowes\Modeling\LOWES_v2.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
C0 STARTING
  TITLEONE C:\0Projects\Lowes\Modeling\LOWES_v2.ISC
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID TOX
  RUNORNOT RUN
C0 FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
S0 STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION FOOD POINT 653971.050 4183439.870 0.0
** DESCRSRC Restaurant
  LOCATION WELL POINT 654227.560 4183324.100 0.0
** DESCRSRC Truck Well Idle
  LOCATION EMER_GEN POINT 654254.680 4183411.560 0.0
** DESCRSRC Emergency Back-up Power Generator
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = RETAIL_T
** DESCRSRC Retail Ingress
** Length of Side = 3.66
** Emission Rate = 7.04958141708333E-5
** Elevated
** Vertical Dimension = 1.83
** SZINIT = 0.43
** Nodes = 13
** 654086.73, 4183543.35, 0.00, 1.83, 0.0
** 654057.07, 4183490.01, 0.00, 1.83, 3.33
** 654034.89, 4183471.40, 0.00, 1.83, 3.36
** 654004.75, 4183482.76, 0.00, 1.83, 2.99
** 653998.18, 4183482.71, 0.00, 1.83, 3.05
** 653997.56, 4183522.62, 0.00, 1.83, 3.08
** 653999.45, 4183537.64, 0.00, 1.83, 2.38
** 653993.52, 4183544.09, 0.00, 1.83, 2.00
** 653951.10, 4183544.17, 0.00, 1.83, 3.28
** 653938.83, 4183530.34, 0.00, 1.83, 2.89
** 653939.30, 4183484.93, 0.00, 1.83, 3.01
** 653947.59, 4183478.64, 0.00, 1.83, 2.41
** 653997.88, 4183479.53, 0.00, 1.83, 3.34
** -----

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G2 - LOWES_v2 adi

LOCATION	L0005723	VOLUME	654085.859	4183541.653	0.0
LOCATION	L0005724	VOLUME	654082.371	4183535.396	0.0
LOCATION	L0005725	VOLUME	654078.883	4183529.139	0.0
LOCATION	L0005726	VOLUME	654075.395	4183522.882	0.0
LOCATION	L0005727	VOLUME	654071.906	4183516.625	0.0
LOCATION	L0005728	VOLUME	654068.418	4183510.368	0.0
LOCATION	L0005729	VOLUME	654064.930	4183504.111	0.0
LOCATION	L0005730	VOLUME	654061.441	4183497.854	0.0
LOCATION	L0005731	VOLUME	654057.953	4183491.597	0.0
LOCATION	L0005732	VOLUME	654052.920	4183486.546	0.0
LOCATION	L0005733	VOLUME	654047.373	4183481.921	0.0
LOCATION	L0005734	VOLUME	654041.826	4183477.296	0.0
LOCATION	L0005735	VOLUME	654036.280	4183472.671	0.0
LOCATION	L0005736	VOLUME	654030.563	4183473.110	0.0
LOCATION	L0005737	VOLUME	654024.538	4183475.360	0.0
LOCATION	L0005738	VOLUME	654018.513	4183477.610	0.0
LOCATION	L0005739	VOLUME	654012.488	4183479.860	0.0
LOCATION	L0005740	VOLUME	654006.463	4183482.110	0.0
LOCATION	L0005741	VOLUME	654000.016	4183482.750	0.0
LOCATION	L0005742	VOLUME	653998.112	4183487.546	0.0
LOCATION	L0005743	VOLUME	653998.008	4183494.171	0.0
LOCATION	L0005744	VOLUME	653997.904	4183500.796	0.0
LOCATION	L0005745	VOLUME	653997.800	4183507.421	0.0
LOCATION	L0005746	VOLUME	653997.695	4183514.046	0.0
LOCATION	L0005747	VOLUME	653997.591	4183520.671	0.0
LOCATION	L0005748	VOLUME	653997.964	4183525.768	0.0
LOCATION	L0005749	VOLUME	653998.589	4183530.852	0.0
LOCATION	L0005750	VOLUME	653999.214	4183535.935	0.0
LOCATION	L0005751	VOLUME	653997.728	4183539.549	0.0
LOCATION	L0005752	VOLUME	653994.760	4183542.674	0.0
LOCATION	L0005753	VOLUME	653988.266	4183544.031	0.0
LOCATION	L0005754	VOLUME	653981.204	4183544.073	0.0
LOCATION	L0005755	VOLUME	653974.141	4183544.114	0.0
LOCATION	L0005756	VOLUME	653967.079	4183544.156	0.0
LOCATION	L0005757	VOLUME	653960.016	4183544.198	0.0
LOCATION	L0005758	VOLUME	653952.954	4183544.239	0.0
LOCATION	L0005759	VOLUME	653948.229	4183540.957	0.0
LOCATION	L0005760	VOLUME	653944.124	4183536.290	0.0
LOCATION	L0005761	VOLUME	653940.020	4183531.623	0.0
LOCATION	L0005762	VOLUME	653938.864	4183525.614	0.0
LOCATION	L0005763	VOLUME	653938.935	4183519.150	0.0
LOCATION	L0005764	VOLUME	653939.007	4183512.686	0.0
LOCATION	L0005765	VOLUME	653939.078	4183506.222	0.0
LOCATION	L0005766	VOLUME	653939.149	4183499.757	0.0
LOCATION	L0005767	VOLUME	653939.221	4183493.293	0.0
LOCATION	L0005768	VOLUME	653939.292	4183486.829	0.0
LOCATION	L0005769	VOLUME	653941.980	4183482.979	0.0
LOCATION	L0005770	VOLUME	653946.105	4183479.854	0.0
LOCATION	L0005771	VOLUME	653952.921	4183478.830	0.0
LOCATION	L0005772	VOLUME	653960.109	4183478.937	0.0
LOCATION	L0005773	VOLUME	653967.296	4183479.044	0.0
LOCATION	L0005774	VOLUME	653974.484	4183479.151	0.0
LOCATION	L0005775	VOLUME	653981.671	4183479.258	0.0
LOCATION	L0005776	VOLUME	653988.859	4183479.366	0.0
LOCATION	L0005777	VOLUME	653996.046	4183479.473	0.0

** End of Line Source

** Line Source represented by Separated Volume Sources

**

** LINE Source ID = LOWES_BL

** DESCRSRC Lowes Delivery Truck Travel - Bldg Line

** Length of Side = 3.66

** Emission Rate = 6.46243129369445E-5

** Elevated

** Building Height = 10.67

** SZINIT = 4.96

** Nodes = 7

** 654290.00, 4183438.29, 0.00, 5.33, 0.0
 ** 654241.38, 4183343.22, 0.00, 5.33, 3.20
 ** 654260.56, 4183295.89, 0.00, 5.33, 3.39
 ** 654238.42, 4183288.41, 0.00, 5.33, 2.72
 ** 654194.19, 4183306.93, 0.00, 5.33, 3.19
 ** 654146.84, 4183332.09, 0.00, 5.33, 3.11
 ** 654106.01, 4183354.31, 0.00, 5.33, 3.09

 LOCATION L0005778 VOLUME 654289.167 4183436.622 0.0
 LOCATION L0005779 VOLUME 654286.036 4183430.506 0.0
 LOCATION L0005780 VOLUME 654282.906 4183424.390 0.0
 LOCATION L0005781 VOLUME 654279.775 4183418.273 0.0
 LOCATION L0005782 VOLUME 654276.644 4183412.157 0.0
 LOCATION L0005783 VOLUME 654273.514 4183406.041 0.0
 LOCATION L0005784 VOLUME 654270.383 4183399.924 0.0
 LOCATION L0005785 VOLUME 654267.253 4183393.808 0.0
 LOCATION L0005786 VOLUME 654264.122 4183387.692 0.0
 LOCATION L0005787 VOLUME 654260.992 4183381.576 0.0
 LOCATION L0005788 VOLUME 654257.861 4183375.459 0.0
 LOCATION L0005789 VOLUME 654254.731 4183369.343 0.0
 LOCATION L0005790 VOLUME 654251.600 4183363.227 0.0
 LOCATION L0005791 VOLUME 654248.469 4183357.111 0.0
 LOCATION L0005792 VOLUME 654245.339 4183350.994 0.0
 LOCATION L0005793 VOLUME 654242.208 4183344.878 0.0
 LOCATION L0005794 VOLUME 654243.428 4183338.194 0.0
 LOCATION L0005795 VOLUME 654246.169 4183331.444 0.0
 LOCATION L0005796 VOLUME 654248.910 4183324.694 0.0
 LOCATION L0005797 VOLUME 654251.651 4183317.944 0.0
 LOCATION L0005798 VOLUME 654254.392 4183311.194 0.0
 LOCATION L0005799 VOLUME 654257.133 4183304.444 0.0
 LOCATION L0005800 VOLUME 654259.874 4183297.694 0.0
 LOCATION L0005801 VOLUME 654256.763 4183294.712 0.0
 LOCATION L0005802 VOLUME 654251.232 4183292.837 0.0
 LOCATION L0005803 VOLUME 654245.701 4183290.962 0.0
 LOCATION L0005804 VOLUME 654240.169 4183289.087 0.0
 LOCATION L0005805 VOLUME 654233.803 4183290.437 0.0
 LOCATION L0005806 VOLUME 654227.482 4183293.080 0.0
 LOCATION L0005807 VOLUME 654221.160 4183295.723 0.0
 LOCATION L0005808 VOLUME 654214.839 4183298.366 0.0
 LOCATION L0005809 VOLUME 654208.518 4183301.009 0.0
 LOCATION L0005810 VOLUME 654202.196 4183303.652 0.0
 LOCATION L0005811 VOLUME 654195.875 4183306.295 0.0
 LOCATION L0005812 VOLUME 654189.883 4183309.271 0.0
 LOCATION L0005813 VOLUME 654183.961 4183312.396 0.0
 LOCATION L0005814 VOLUME 654178.039 4183315.521 0.0
 LOCATION L0005815 VOLUME 654172.117 4183318.646 0.0
 LOCATION L0005816 VOLUME 654166.196 4183321.771 0.0
 LOCATION L0005817 VOLUME 654160.274 4183324.896 0.0
 LOCATION L0005818 VOLUME 654154.352 4183328.021 0.0
 LOCATION L0005819 VOLUME 654148.430 4183331.146 0.0
 LOCATION L0005820 VOLUME 654142.588 4183334.303 0.0
 LOCATION L0005821 VOLUME 654136.757 4183337.482 0.0
 LOCATION L0005822 VOLUME 654130.927 4183340.660 0.0
 LOCATION L0005823 VOLUME 654125.097 4183343.839 0.0
 LOCATION L0005824 VOLUME 654119.266 4183347.017 0.0
 LOCATION L0005825 VOLUME 654113.436 4183350.196 0.0
 LOCATION L0005826 VOLUME 654107.606 4183353.375 0.0

** End of Line Source

** Line Source represented by Separated Volume Sources

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G2 - LOWES_v2 adi

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** LINE Source ID = LOWES_PA
** DESCRSRC Lowes Delivery Truck Travel - Parking Lot
** Length of Side = 3.66
** Emission Rate = 5.28687106811111E-5
** Elevated
** Vertical Dimension = 1.83
** SZINIT = 0.43
** Nodes = 8
** 654107.45, 4183357.59, 0.00, 1.83, 0.0
** 654005.93, 4183414.12, 0.00, 1.83, 3.27
** 654003.76, 4183425.27, 0.00, 1.83, 2.67
** 654013.90, 4183445.22, 0.00, 1.83, 2.61
** 654033.64, 4183462.32, 0.00, 1.83, 3.03
** 654045.53, 4183465.54, 0.00, 1.83, 2.86
** 654075.94, 4183495.76, 0.00, 1.83, 3.33
** 654095.92, 4183540.12, 0.00, 1.83, 3.23
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LOCATION L0005681 VOLUME 654105.840 4183358.389 0.0
LOCATION L0005682 VOLUME 654099.696 4183361.810 0.0
LOCATION L0005683 VOLUME 654093.552 4183365.230 0.0
LOCATION L0005684 VOLUME 654087.408 4183368.650 0.0
LOCATION L0005685 VOLUME 654081.264 4183372.070 0.0
LOCATION L0005686 VOLUME 654075.120 4183375.490 0.0
LOCATION L0005687 VOLUME 654068.976 4183378.910 0.0
LOCATION L0005688 VOLUME 654062.832 4183382.330 0.0
LOCATION L0005689 VOLUME 654056.688 4183385.750 0.0
LOCATION L0005690 VOLUME 654050.543 4183389.170 0.0
LOCATION L0005691 VOLUME 654044.399 4183392.590 0.0
LOCATION L0005692 VOLUME 654038.255 4183396.010 0.0
LOCATION L0005693 VOLUME 654032.111 4183399.430 0.0
LOCATION L0005694 VOLUME 654025.967 4183402.850 0.0
LOCATION L0005695 VOLUME 654019.823 4183406.270 0.0
LOCATION L0005696 VOLUME 654013.679 4183409.690 0.0
LOCATION L0005697 VOLUME 654007.535 4183413.111 0.0
LOCATION L0005698 VOLUME 654005.193 4183417.830 0.0
LOCATION L0005699 VOLUME 654004.099 4183423.455 0.0
LOCATION L0005700 VOLUME 654005.455 4183428.618 0.0
LOCATION L0005701 VOLUME 654007.986 4183433.618 0.0
LOCATION L0005702 VOLUME 654010.518 4183438.618 0.0
LOCATION L0005703 VOLUME 654013.049 4183443.618 0.0
LOCATION L0005704 VOLUME 654017.426 4183448.307 0.0
LOCATION L0005705 VOLUME 654022.364 4183452.557 0.0
LOCATION L0005706 VOLUME 654027.301 4183456.807 0.0
LOCATION L0005707 VOLUME 654032.239 4183461.057 0.0
LOCATION L0005708 VOLUME 654037.799 4183463.392 0.0
LOCATION L0005709 VOLUME 654043.736 4183465.017 0.0
LOCATION L0005710 VOLUME 654049.276 4183469.253 0.0
LOCATION L0005711 VOLUME 654054.349 4183474.294 0.0
LOCATION L0005712 VOLUME 654059.422 4183479.336 0.0
LOCATION L0005713 VOLUME 654064.495 4183484.378 0.0
LOCATION L0005714 VOLUME 654069.567 4183489.419 0.0
LOCATION L0005715 VOLUME 654074.640 4183494.461 0.0
LOCATION L0005716 VOLUME 654078.041 4183500.405 0.0
LOCATION L0005717 VOLUME 654080.899 4183506.726 0.0
LOCATION L0005718 VOLUME 654083.756 4183513.048 0.0
LOCATION L0005719 VOLUME 654086.613 4183519.369 0.0
LOCATION L0005720 VOLUME 654089.470 4183525.691 0.0
LOCATION L0005721 VOLUME 654092.327 4183532.012 0.0
LOCATION L0005722 VOLUME 654095.184 4183538.334 0.0

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** End of Line Source

** Source Parameters **

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SRCPARAM FOOD 3.6161E-09 9.144 366.483 6.14690 0.305
SRCPARAM WELL 0.000197816672472222 3.840 366.000 51.71000 0.100

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SRCPARAM	EMER_GEN	0.00030617484975	3.658	776.000	71.83000	0.200
SRCPARAM	L0005723	1.2817E-06	1.83	3.33	0.43	
SRCPARAM	L0005724	1.2817E-06	1.83	3.33	0.43	
SRCPARAM	L0005725	1.2817E-06	1.83	3.33	0.43	
SRCPARAM	L0005726	1.2817E-06	1.83	3.33	0.43	
SRCPARAM	L0005727	1.2817E-06	1.83	3.33	0.43	
SRCPARAM	L0005728	1.2817E-06	1.83	3.33	0.43	
SRCPARAM	L0005729	1.2817E-06	1.83	3.33	0.43	
SRCPARAM	L0005730	1.2817E-06	1.83	3.33	0.43	
SRCPARAM	L0005731	1.2817E-06	1.83	3.33	0.43	
SRCPARAM	L0005732	1.2817E-06	1.83	3.36	0.43	
SRCPARAM	L0005733	1.2817E-06	1.83	3.36	0.43	
SRCPARAM	L0005734	1.2817E-06	1.83	3.36	0.43	
SRCPARAM	L0005735	1.2817E-06	1.83	3.36	0.43	
SRCPARAM	L0005736	1.2817E-06	1.83	2.99	0.43	
SRCPARAM	L0005737	1.2817E-06	1.83	2.99	0.43	
SRCPARAM	L0005738	1.2817E-06	1.83	2.99	0.43	
SRCPARAM	L0005739	1.2817E-06	1.83	2.99	0.43	
SRCPARAM	L0005740	1.2817E-06	1.83	2.99	0.43	
SRCPARAM	L0005741	1.2817E-06	1.83	3.05	0.43	
SRCPARAM	L0005742	1.2817E-06	1.83	3.08	0.43	
SRCPARAM	L0005743	1.2817E-06	1.83	3.08	0.43	
SRCPARAM	L0005744	1.2817E-06	1.83	3.08	0.43	
SRCPARAM	L0005745	1.2817E-06	1.83	3.08	0.43	
SRCPARAM	L0005746	1.2817E-06	1.83	3.08	0.43	
SRCPARAM	L0005747	1.2817E-06	1.83	3.08	0.43	
SRCPARAM	L0005748	1.2817E-06	1.83	2.38	0.43	
SRCPARAM	L0005749	1.2817E-06	1.83	2.38	0.43	
SRCPARAM	L0005750	1.2817E-06	1.83	2.38	0.43	
SRCPARAM	L0005751	1.2817E-06	1.83	2.00	0.43	
SRCPARAM	L0005752	1.2817E-06	1.83	2.00	0.43	
SRCPARAM	L0005753	1.2817E-06	1.83	3.28	0.43	
SRCPARAM	L0005754	1.2817E-06	1.83	3.28	0.43	
SRCPARAM	L0005755	1.2817E-06	1.83	3.28	0.43	
SRCPARAM	L0005756	1.2817E-06	1.83	3.28	0.43	
SRCPARAM	L0005757	1.2817E-06	1.83	3.28	0.43	
SRCPARAM	L0005758	1.2817E-06	1.83	3.28	0.43	
SRCPARAM	L0005759	1.2817E-06	1.83	2.89	0.43	
SRCPARAM	L0005760	1.2817E-06	1.83	2.89	0.43	
SRCPARAM	L0005761	1.2817E-06	1.83	2.89	0.43	
SRCPARAM	L0005762	1.2817E-06	1.83	3.01	0.43	
SRCPARAM	L0005763	1.2817E-06	1.83	3.01	0.43	
SRCPARAM	L0005764	1.2817E-06	1.83	3.01	0.43	
SRCPARAM	L0005765	1.2817E-06	1.83	3.01	0.43	
SRCPARAM	L0005766	1.2817E-06	1.83	3.01	0.43	
SRCPARAM	L0005767	1.2817E-06	1.83	3.01	0.43	
SRCPARAM	L0005768	1.2817E-06	1.83	3.01	0.43	
SRCPARAM	L0005769	1.2817E-06	1.83	2.41	0.43	
SRCPARAM	L0005770	1.2817E-06	1.83	2.41	0.43	
SRCPARAM	L0005771	1.2817E-06	1.83	3.34	0.43	
SRCPARAM	L0005772	1.2817E-06	1.83	3.34	0.43	
SRCPARAM	L0005773	1.2817E-06	1.83	3.34	0.43	
SRCPARAM	L0005774	1.2817E-06	1.83	3.34	0.43	
SRCPARAM	L0005775	1.2817E-06	1.83	3.34	0.43	
SRCPARAM	L0005776	1.2817E-06	1.83	3.34	0.43	
SRCPARAM	L0005777	1.2817E-06	1.83	3.34	0.43	
SRCPARAM	L0005778	1.3189E-06	5.33	3.20	4.96	
SRCPARAM	L0005779	1.3189E-06	5.33	3.20	4.96	
SRCPARAM	L0005780	1.3189E-06	5.33	3.20	4.96	
SRCPARAM	L0005781	1.3189E-06	5.33	3.20	4.96	
SRCPARAM	L0005782	1.3189E-06	5.33	3.20	4.96	
SRCPARAM	L0005783	1.3189E-06	5.33	3.20	4.96	
SRCPARAM	L0005784	1.3189E-06	5.33	3.20	4.96	

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[illegible]

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SRCPARAM	L0005702	1.2588E-06	1.83	2.61	0.43
SRCPARAM	L0005703	1.2588E-06	1.83	2.61	0.43
SRCPARAM	L0005704	1.2588E-06	1.83	3.03	0.43
SRCPARAM	L0005705	1.2588E-06	1.83	3.03	0.43
SRCPARAM	L0005706	1.2588E-06	1.83	3.03	0.43
SRCPARAM	L0005707	1.2588E-06	1.83	3.03	0.43
SRCPARAM	L0005708	1.2588E-06	1.83	2.86	0.43
SRCPARAM	L0005709	1.2588E-06	1.83	2.86	0.43
SRCPARAM	L0005710	1.2588E-06	1.83	3.33	0.43
SRCPARAM	L0005711	1.2588E-06	1.83	3.33	0.43
SRCPARAM	L0005712	1.2588E-06	1.83	3.33	0.43
SRCPARAM	L0005713	1.2588E-06	1.83	3.33	0.43
SRCPARAM	L0005714	1.2588E-06	1.83	3.33	0.43
SRCPARAM	L0005715	1.2588E-06	1.83	3.33	0.43
SRCPARAM	L0005716	1.2588E-06	1.83	3.23	0.43
SRCPARAM	L0005717	1.2588E-06	1.83	3.23	0.43
SRCPARAM	L0005718	1.2588E-06	1.83	3.23	0.43
SRCPARAM	L0005719	1.2588E-06	1.83	3.23	0.43
SRCPARAM	L0005720	1.2588E-06	1.83	3.23	0.43
SRCPARAM	L0005721	1.2588E-06	1.83	3.23	0.43
SRCPARAM	L0005722	1.2588E-06	1.83	3.23	0.43

** Building Downwash **

BUILDHGT	FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT	FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT	FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT	FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT	FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT	FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT	WELL	10.67	10.67	10.67	10.67	0.00	0.00
BUILDHGT	WELL	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT	WELL	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT	WELL	10.67	10.67	10.67	10.67	0.00	0.00
BUILDHGT	WELL	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT	WELL	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDWID	FOOD	33.85	33.13	32.20	33.54	33.85	33.14
BUILDWID	FOOD	31.42	28.75	25.20	20.89	15.94	12.73
BUILDWID	FOOD	17.99	22.70	26.72	29.93	32.23	33.55
BUILDWID	FOOD	33.85	33.13	32.20	33.54	33.85	33.14
BUILDWID	FOOD	31.42	28.75	25.20	20.89	15.94	12.73
BUILDWID	FOOD	17.99	22.70	26.72	29.93	32.23	33.55
BUILDWID	WELL	131.03	121.59	112.30	129.57	0.00	0.00
BUILDWID	WELL	161.13	163.31	160.52	152.86	140.56	126.02
BUILDWID	WELL	135.81	145.35	150.49	151.04	147.01	138.51
BUILDWID	WELL	131.03	121.59	112.30	129.57	0.00	0.00
BUILDWID	WELL	161.13	163.31	160.52	152.86	140.56	126.02
BUILDWID	WELL	135.81	145.35	150.49	151.04	147.01	138.51
BUILDWID	EMER_GEN	131.03	121.59	112.30	129.57	142.90	154.05
BUILDWID	EMER_GEN	161.13	163.31	160.52	152.86	140.56	126.02
BUILDWID	EMER_GEN	135.81	145.35	150.49	151.04	147.01	138.51
BUILDWID	EMER_GEN	131.03	121.59	112.30	129.57	142.90	154.05
BUILDWID	EMER_GEN	161.13	163.31	160.52	152.86	140.56	126.02

			G2 - LOWES_v2.adi				
BUILDWID	EMER_GEN	135.81	145.35	150.49	151.04	147.01	138.51
BUILDLN	FOOD	20.89	15.94	12.73	17.99	22.70	26.72
BUILDLN	FOOD	29.93	32.23	33.55	33.85	33.13	32.20
BUILDLN	FOOD	33.54	33.85	33.14	31.42	28.75	25.20
BUILDLN	FOOD	20.89	15.94	12.73	17.99	22.70	26.72
BUILDLN	FOOD	29.93	32.23	33.55	33.85	33.13	32.20
BUILDLN	FOOD	33.54	33.85	33.14	31.42	28.75	25.20
BUILDLN	WELL	152.86	140.56	126.02	135.81	0.00	0.00
BUILDLN	WELL	151.04	147.01	138.51	131.03	121.59	112.30
BUILDLN	WELL	129.57	142.90	154.05	161.13	163.31	160.52
BUILDLN	WELL	152.86	140.56	126.02	135.81	0.00	0.00
BUILDLN	WELL	151.04	147.01	138.51	131.03	121.59	112.30
BUILDLN	WELL	129.57	142.90	154.05	161.13	163.31	160.52
BUILDLN	EMER_GEN	152.86	140.56	126.02	135.81	145.35	150.49
BUILDLN	EMER_GEN	151.04	147.01	138.51	131.03	121.59	112.30
BUILDLN	EMER_GEN	129.57	142.90	154.05	161.13	163.31	160.52
BUILDLN	EMER_GEN	152.86	140.56	126.02	135.81	145.35	150.49
BUILDLN	EMER_GEN	151.04	147.01	138.51	131.03	121.59	112.30
BUILDLN	EMER_GEN	129.57	142.90	154.05	161.13	163.31	160.52
XBADJ	FOOD	-14.95	-13.12	-12.00	-14.95	-17.44	-19.41
XBADJ	FOOD	-20.78	-21.52	-21.61	-21.04	-19.83	-18.43
XBADJ	FOOD	-18.08	-17.19	-15.77	-13.87	-11.55	-8.88
XBADJ	FOOD	-5.94	-2.82	-0.72	-3.03	-5.25	-7.31
XBADJ	FOOD	-9.15	-10.71	-11.94	-12.81	-13.29	-13.77
XBADJ	FOOD	-15.46	-16.67	-17.37	-17.55	-17.20	-16.32
XBADJ	WELL	0.20	-1.46	-3.67	-19.40	0.00	0.00
XBADJ	WELL	-72.42	-86.37	-97.69	-106.04	-111.17	-115.31
XBADJ	WELL	-134.55	-149.71	-160.32	-166.06	-166.75	-162.37
XBADJ	WELL	-153.06	-139.10	-122.35	-116.41	0.00	0.00
XBADJ	WELL	-78.62	-60.65	-40.83	-25.00	-10.42	3.01
XBADJ	WELL	4.99	6.81	6.26	4.93	3.44	1.85
XBADJ	EMER_GEN	-90.64	-92.92	-92.97	-103.83	-115.42	-123.49
XBADJ	EMER_GEN	-127.82	-128.26	-124.81	-117.56	-106.74	-95.06
XBADJ	EMER_GEN	-99.11	-100.14	-98.14	-93.15	-85.32	-74.91
XBADJ	EMER_GEN	-62.22	-47.64	-33.04	-31.98	-29.94	-26.99
XBADJ	EMER_GEN	-23.22	-18.75	-13.71	-13.48	-14.85	-17.23
XBADJ	EMER_GEN	-30.46	-42.76	-55.92	-67.98	-77.98	-85.61
YBADJ	FOOD	4.12	3.27	2.33	1.31	0.26	-0.80
YBADJ	FOOD	-1.84	-2.82	-3.72	-4.50	-5.15	-5.64
YBADJ	FOOD	-5.96	-6.10	-6.05	-5.82	-5.41	-4.84
YBADJ	FOOD	-4.12	-3.27	-2.33	-1.31	-0.26	0.80
YBADJ	FOOD	1.84	2.82	3.72	4.50	5.15	5.64
YBADJ	FOOD	5.96	6.10	6.05	5.82	5.41	4.84
YBADJ	WELL	40.52	50.37	59.16	69.77	0.00	0.00
YBADJ	WELL	85.49	85.09	82.11	76.63	68.82	59.34
YBADJ	WELL	48.50	34.26	18.97	3.10	-12.86	-28.43
YBADJ	WELL	-40.52	-50.37	-59.16	-69.77	0.00	0.00
YBADJ	WELL	-85.49	-85.09	-82.11	-76.63	-68.82	-59.34
YBADJ	WELL	-48.50	-34.26	-18.97	-3.10	12.86	28.43
YBADJ	EMER_GEN	52.04	45.94	38.92	34.33	28.69	21.11
YBADJ	EMER_GEN	12.58	3.67	-5.35	-14.21	-22.64	-29.96
YBADJ	EMER_GEN	-35.93	-42.74	-48.25	-52.30	-54.75	-55.55
YBADJ	EMER_GEN	-52.04	-45.94	-38.92	-34.33	-28.69	-21.11
YBADJ	EMER_GEN	-12.58	-3.67	5.35	14.21	22.64	29.96

YBADJ	EMER_GEN	35.93	G2 - LOWES_v2 adi			
			42.74	48.25	52.30	54.75 55.55

EMISFACT	L0005723	HROFDY	0	0	0	0	0	0
EMISFACT	L0005723	HROFDY	1	1	1	1	1	1
EMISFACT	L0005723	HROFDY	1	1	1	1	1	1
EMISFACT	L0005723	HROFDY	0	0	0	0	0	0
EMISFACT	L0005724	HROFDY	0	0	0	0	0	0
EMISFACT	L0005724	HROFDY	1	1	1	1	1	1
EMISFACT	L0005724	HROFDY	1	1	1	1	1	1
EMISFACT	L0005724	HROFDY	0	0	0	0	0	0
EMISFACT	L0005725	HROFDY	0	0	0	0	0	0
EMISFACT	L0005725	HROFDY	1	1	1	1	1	1
EMISFACT	L0005725	HROFDY	1	1	1	1	1	1
EMISFACT	L0005725	HROFDY	0	0	0	0	0	0
EMISFACT	L0005726	HROFDY	0	0	0	0	0	0
EMISFACT	L0005726	HROFDY	1	1	1	1	1	1
EMISFACT	L0005726	HROFDY	1	1	1	1	1	1
EMISFACT	L0005726	HROFDY	0	0	0	0	0	0
EMISFACT	L0005727	HROFDY	0	0	0	0	0	0
EMISFACT	L0005727	HROFDY	1	1	1	1	1	1
EMISFACT	L0005727	HROFDY	1	1	1	1	1	1
EMISFACT	L0005727	HROFDY	0	0	0	0	0	0
EMISFACT	L0005728	HROFDY	0	0	0	0	0	0
EMISFACT	L0005728	HROFDY	1	1	1	1	1	1
EMISFACT	L0005728	HROFDY	1	1	1	1	1	1
EMISFACT	L0005728	HROFDY	0	0	0	0	0	0
EMISFACT	L0005729	HROFDY	0	0	0	0	0	0
EMISFACT	L0005729	HROFDY	1	1	1	1	1	1
EMISFACT	L0005729	HROFDY	1	1	1	1	1	1
EMISFACT	L0005729	HROFDY	0	0	0	0	0	0
EMISFACT	L0005730	HROFDY	0	0	0	0	0	0
EMISFACT	L0005730	HROFDY	1	1	1	1	1	1
EMISFACT	L0005730	HROFDY	1	1	1	1	1	1
EMISFACT	L0005730	HROFDY	0	0	0	0	0	0
EMISFACT	L0005731	HROFDY	0	0	0	0	0	0
EMISFACT	L0005731	HROFDY	1	1	1	1	1	1
EMISFACT	L0005731	HROFDY	1	1	1	1	1	1
EMISFACT	L0005731	HROFDY	0	0	0	0	0	0
EMISFACT	L0005732	HROFDY	0	0	0	0	0	0
EMISFACT	L0005732	HROFDY	1	1	1	1	1	1
EMISFACT	L0005732	HROFDY	1	1	1	1	1	1
EMISFACT	L0005732	HROFDY	0	0	0	0	0	0
EMISFACT	L0005733	HROFDY	0	0	0	0	0	0
EMISFACT	L0005733	HROFDY	1	1	1	1	1	1
EMISFACT	L0005733	HROFDY	1	1	1	1	1	1
EMISFACT	L0005733	HROFDY	0	0	0	0	0	0
EMISFACT	L0005734	HROFDY	0	0	0	0	0	0
EMISFACT	L0005734	HROFDY	1	1	1	1	1	1
EMISFACT	L0005734	HROFDY	1	1	1	1	1	1
EMISFACT	L0005734	HROFDY	0	0	0	0	0	0
EMISFACT	L0005735	HROFDY	0	0	0	0	0	0
EMISFACT	L0005735	HROFDY	1	1	1	1	1	1
EMISFACT	L0005735	HROFDY	1	1	1	1	1	1
EMISFACT	L0005735	HROFDY	0	0	0	0	0	0
EMISFACT	L0005736	HROFDY	0	0	0	0	0	0
EMISFACT	L0005736	HROFDY	1	1	1	1	1	1
EMISFACT	L0005736	HROFDY	1	1	1	1	1	1
EMISFACT	L0005736	HROFDY	0	0	0	0	0	0
EMISFACT	L0005737	HROFDY	0	0	0	0	0	0
EMISFACT	L0005737	HROFDY	1	1	1	1	1	1
EMISFACT	L0005737	HROFDY	1	1	1	1	1	1
EMISFACT	L0005737	HROFDY	0	0	0	0	0	0
EMISFACT	L0005738	HROFDY	0	0	0	0	0	0

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[illegible]

G2 - LOWES_v2.adf

[illegible]

G2 - LOWES_v2.adf

[illegible]

G2 - LOWES_v2.adf

[illegible]

G2 - LOWES_v2.adf

[illegible]

G2 - LOWES_v2.adf

[illegible]

G2 - LOWES_v2.adf

[illegible]

G2 - LOWES_v2.adf

[illegible]

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EMISFACT	L0005718	HROFDY	1	1	1	1	1	1
EMISFACT	L0005718	HROFDY	1	1	1	1	1	1
EMISFACT	L0005718	HROFDY	0	0	0	0	0	0
EMISFACT	L0005719	HROFDY	0	0	0	0	0	0
EMISFACT	L0005719	HROFDY	1	1	1	1	1	1
EMISFACT	L0005719	HROFDY	1	1	1	1	1	1
EMISFACT	L0005719	HROFDY	0	0	0	0	0	0
EMISFACT	L0005720	HROFDY	0	0	0	0	0	0
EMISFACT	L0005720	HROFDY	1	1	1	1	1	1
EMISFACT	L0005720	HROFDY	1	1	1	1	1	1
EMISFACT	L0005720	HROFDY	0	0	0	0	0	0
EMISFACT	L0005721	HROFDY	0	0	0	0	0	0
EMISFACT	L0005721	HROFDY	1	1	1	1	1	1
EMISFACT	L0005721	HROFDY	1	1	1	1	1	1
EMISFACT	L0005721	HROFDY	0	0	0	0	0	0
EMISFACT	L0005722	HROFDY	0	0	0	0	0	0
EMISFACT	L0005722	HROFDY	1	1	1	1	1	1
EMISFACT	L0005722	HROFDY	1	1	1	1	1	1
EMISFACT	L0005722	HROFDY	0	0	0	0	0	0
EMISFACT	WELL	HROFDY	0	0	0	0	0	0
EMISFACT	WELL	HROFDY	1	1	1	1	1	1
EMISFACT	WELL	HROFDY	1	1	1	1	1	1
EMISFACT	WELL	HROFDY	0	0	0	0	0	0
EMISFACT	EMER_GEN	HROFDY	0	0	0	0	0	0
EMISFACT	EMER_GEN	HROFDY	0	0	0	0	0	0
EMISFACT	EMER_GEN	HROFDY	1	0	0	0	0	0
EMISFACT	EMER_GEN	HROFDY	0	0	0	0	0	0
SRCGROUP	LOWES_BL	L0005778	L0005779	L0005780	L0005781	L0005782	L0005783	
SRCGROUP	LOWES_BL	L0005784	L0005785	L0005786	L0005787	L0005788	L0005789	
SRCGROUP	LOWES_BL	L0005790	L0005791	L0005792	L0005793	L0005794	L0005795	
SRCGROUP	LOWES_BL	L0005796	L0005797	L0005798	L0005799	L0005800	L0005801	
SRCGROUP	LOWES_BL	L0005802	L0005803	L0005804	L0005805	L0005806	L0005807	
SRCGROUP	LOWES_BL	L0005808	L0005809	L0005810	L0005811	L0005812	L0005813	
SRCGROUP	LOWES_BL	L0005814	L0005815	L0005816	L0005817	L0005818	L0005819	
SRCGROUP	LOWES_BL	L0005820	L0005821	L0005822	L0005823	L0005824	L0005825	
SRCGROUP	LOWES_BL	L0005826						
SRCGROUP	LOWES_PA	L0005681	L0005682	L0005683	L0005684	L0005685	L0005686	
SRCGROUP	LOWES_PA	L0005687	L0005688	L0005689	L0005690	L0005691	L0005692	
SRCGROUP	LOWES_PA	L0005693	L0005694	L0005695	L0005696	L0005697	L0005698	
SRCGROUP	LOWES_PA	L0005699	L0005700	L0005701	L0005702	L0005703	L0005704	
SRCGROUP	LOWES_PA	L0005705	L0005706	L0005707	L0005708	L0005709	L0005710	
SRCGROUP	LOWES_PA	L0005711	L0005712	L0005713	L0005714	L0005715	L0005716	
SRCGROUP	LOWES_PA	L0005717	L0005718	L0005719	L0005720	L0005721	L0005722	
SRCGROUP	RETAIL_T	L0005723	L0005724	L0005725	L0005726	L0005727	L0005728	
SRCGROUP	RETAIL_T	L0005729	L0005730	L0005731	L0005732	L0005733	L0005734	
SRCGROUP	RETAIL_T	L0005735	L0005736	L0005737	L0005738	L0005739	L0005740	
SRCGROUP	RETAIL_T	L0005741	L0005742	L0005743	L0005744	L0005745	L0005746	
SRCGROUP	RETAIL_T	L0005747	L0005748	L0005749	L0005750	L0005751	L0005752	
SRCGROUP	RETAIL_T	L0005753	L0005754	L0005755	L0005756	L0005757	L0005758	
SRCGROUP	RETAIL_T	L0005759	L0005760	L0005761	L0005762	L0005763	L0005764	
SRCGROUP	RETAIL_T	L0005765	L0005766	L0005767	L0005768	L0005769	L0005770	
SRCGROUP	RETAIL_T	L0005771	L0005772	L0005773	L0005774	L0005775	L0005776	
SRCGROUP	RETAIL_T	L0005777						
SRCGROUP	TRK_WELL	WELL						
SRCGROUP	DPM	L0005778	L0005779	L0005780	L0005781	L0005782	L0005783	L0005784
SRCGROUP	DPM	L0005785	L0005786	L0005787	L0005788	L0005789	L0005790	L0005791
SRCGROUP	DPM	L0005792	L0005793	L0005794	L0005795	L0005796	L0005797	L0005798
SRCGROUP	DPM	L0005799	L0005800	L0005801	L0005802	L0005803	L0005804	L0005805
SRCGROUP	DPM	L0005806	L0005807	L0005808	L0005809	L0005810	L0005811	L0005812
SRCGROUP	DPM	L0005813	L0005814	L0005815	L0005816	L0005817	L0005818	L0005819
SRCGROUP	DPM	L0005820	L0005821	L0005822	L0005823	L0005824	L0005825	L0005826
SRCGROUP	DPM	L0005681	L0005682	L0005683	L0005684	L0005685	L0005686	L0005687
SRCGROUP	DPM	L0005688	L0005689	L0005690	L0005691	L0005692	L0005693	L0005694

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SRCGROUP DPM L0005695 L0005696 L0005697 L0005698 L0005699 L0005700 L0005701
 SRCGROUP DPM L0005702 L0005703 L0005704 L0005705 L0005706 L0005707 L0005708
 SRCGROUP DPM L0005709 L0005710 L0005711 L0005712 L0005713 L0005714 L0005715
 SRCGROUP DPM L0005716 L0005717 L0005718 L0005719 L0005720 L0005721 L0005722
 SRCGROUP DPM L0005723 L0005724 L0005725 L0005726 L0005727 L0005728 L0005729
 SRCGROUP DPM L0005730 L0005731 L0005732 L0005733 L0005734 L0005735 L0005736
 SRCGROUP DPM L0005737 L0005738 L0005739 L0005740 L0005741 L0005742 L0005743
 SRCGROUP DPM L0005744 L0005745 L0005746 L0005747 L0005748 L0005749 L0005750
 SRCGROUP DPM L0005751 L0005752 L0005753 L0005754 L0005755 L0005756 L0005757
 SRCGROUP DPM L0005758 L0005759 L0005760 L0005761 L0005762 L0005763 L0005764
 SRCGROUP DPM L0005765 L0005766 L0005767 L0005768 L0005769 L0005770 L0005771
 SRCGROUP DPM L0005772 L0005773 L0005774 L0005775 L0005776 L0005777 WELL
 SRCGROUP DPM EMER_GEN
 SRCGROUP FOOD FOOD
 SRCGROUP EMER_GEN EMER_GEN

S0 FINISHED

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** AERMOD Receptor Pathway

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RE STARTING

** DESCRREC "" ""

DISCCART	654286.60	4183476.34	0.00	0.00
DISCCART	654306.41	4183463.42	0.00	0.00
DISCCART	654374.47	4183432.41	0.00	0.00
DISCCART	654304.11	4183420.43	0.00	0.00
DISCCART	654317.70	4183412.81	0.00	0.00
DISCCART	654314.10	4183389.90	0.00	0.00
DISCCART	654313.19	4183373.41	0.00	0.00
DISCCART	654346.45	4183349.94	0.00	0.00
DISCCART	654349.33	4183391.69	0.00	0.00
DISCCART	654314.95	4183353.04	0.00	0.00
DISCCART	654307.69	4183303.35	0.00	0.00
DISCCART	654308.42	4183275.37	0.00	0.00
DISCCART	654336.57	4183450.50	0.00	0.00
DISCCART	654307.69	4183303.35	0.00	0.00
DISCCART	654308.42	4183275.37	0.00	0.00
DISCCART	654254.98	4183496.06	0.00	0.00
DISCCART	654221.63	4183513.68	0.00	0.00
DISCCART	654188.90	4183532.56	0.00	0.00
DISCCART	654155.55	4183552.07	0.00	0.00
DISCCART	654130.38	4183566.54	0.00	0.00
DISCCART	654413.56	4183272.66	0.00	0.00
DISCCART	653937.81	4183699.96	0.00	0.00
DISCCART	653871.73	4183749.04	0.00	0.00

** DESCRREC "SENREC" "Sensitive Receptor"

DISCCART	654546.49	4184209.46	0.00	0.00
DISCCART	656306.28	4184011.61	0.00	0.00
DISCCART	656290.66	4184907.12	0.00	0.00
DISCCART	655093.17	4183589.89	0.00	0.00

** DESCRREC "" ""

DISCCART	654426.64	4183092.38	0.00	0.00
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** BEGIN OF NESTED GRID RECEPTORS

** END OF NESTED GRID RECEPTORS

RE FINISHED

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** AERMOD Meteorology Pathway

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ME STARTING
** Surface File Path: C:\0Projects\Lowes\Modeling\Met data\Stockton\
SURFFILE STOC02.SFC
** Profile File Path: C:\0Projects\Lowes\Modeling\Met data\Stockton\
PROFFILE STOC02.PFL
SURFDATA 23237 2002
UAIRDATA 23230 2002 OAKLAND/WSO_AP
PROFBASE 0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
** Plotfile Path: C:\0Projects\Lowes\Modeling\LOWES_V2.AD\
PLOTFILE PERIOD LOWES_BL LOWES_V2.AD\PE00G001.PLT
PLOTFILE PERIOD LOWES_PA LOWES_V2.AD\PE00G002.PLT
PLOTFILE PERIOD RETAIL_T LOWES_V2.AD\PE00G003.PLT
PLOTFILE PERIOD TRK_WELL LOWES_V2.AD\PE00G004.PLT
PLOTFILE PERIOD DPM LOWES_V2.AD\PE00G005.PLT
PLOTFILE PERIOD FOOD LOWES_V2.AD\PE00G006.PLT
PLOTFILE 1 EMER_GEN 1ST LOWES_V2.AD\01H1G007.PLT
PLOTFILE PERIOD EMER_GEN LOWES_V2.AD\PE00G007.PLT
OU FINISHED
```

'C:\0Projects\Lowes\Modeling\LOWES_v2.ISC'

'P'

'METERS' 1.00000000

'UTMY' 0.0000

5

'LOWES' 1 0.000 'Lowes Store'

9

10.668

654188.160 4183486.472

654268.389 4183441.800

654250.170 4183410.036

654266.370 4183400.256

654230.773 4183335.685

654218.230 4183325.947

654207.213 4183331.609

654210.070 4183337.002

654129.874 4183380.744

'PAD_2' 1 0.000 'Fast Food Restaurant'

4

7.620

653954.896 4183448.750

653982.989 4183433.813

653977.531 4183423.550

653949.439 4183438.487

'EASTWALL' 1 0.000 'EAST WALL'

6

2.438

654301.625 4183434.782

654286.957 4183408.147

654290.431 4183263.005

654291.589 4183263.391

654288.115 4183408.147

654303.169 4183434.396

'PAD_A' 1 0.000 '14820 ft2 Pad A Building'

5

7.315

653953.052 4183527.040

653954.210 4183491.913

653988.180 4183492.685

653987.408 4183530.900

653956.913 4183530.514

'SHOPS' 1 0.000 'Shops Building'

6

7.315

654005.165 4183553.675

654005.165 4183534.375

654040.292 4183533.989

654065.383 4183529.742

654068.471 4183548.657

654041.836 4183554.061

3

'FOOD' 0.000 9.144 653971.050 4183439.870 'Restaurant'

'WELL' 0.000 3.840 654227.560 4183324.100 'Truck Well'

Idle'

'EMER_GEN' 0.000 3.658 654254.680 4183411.560

'Emergency Back-up Power Generator'

G4 - LOWES_v2.pro
C:\0Projects\Lowes\Modeling\LOWES_v2.ISC

BPIP (Dated: 04274)

DATE : 9/11/2007

TIME : 17:22:33

C:\0Projects\Lowes\Modeling\LOWES_v2.ISC

=====

BPIP PROCESSING INFORMATION:

=====

The P flag has been set for preparing downwash related data
for a model run utilizing the PRIME algorithm.

Inputs entered in METERS will be converted to meters using
a conversion factor of 1.0000. Output will be in meters.

The UTM variable is set to UTM. The input is assumed to be in
UTM coordinates. BPIP will move the UTM origin to the first pair of
UTM coordinates read. The UTM coordinates of the new origin will
be subtracted from all the other UTM coordinates entered to form
this new local coordinate system.

Plant north is set to 0.00 degrees with respect to True North.

C:\0Projects\Lowes\Modeling\LOWES_v2.ISC

PRELIMINARY* GEP STACK HEIGHT RESULTS TABLE
(Output Units: meters)

Stack Name	Stack Height	Stack-Building Base Elevation Differences	GEP** EQN1	Preliminary* GEP Stack Height Value
FOOD	9.14	0.00	19.05	65.00
WELL	3.84	0.00	26.67	65.00
EMER_GEN	3.66	0.00	26.67	65.00

* Results are based on Determinants 1 & 2 on pages 1 & 2 of the GEP
Technical Support Document. Determinant 3 may be investigated for
additional stack height credit. Final values result after
Determinant 3 has been taken into consideration.

** Results were derived from Equation 1 on page 6 of GEP Technical
Support Document. Values have been adjusted for any stack-building
base elevation differences.

Note: Criteria for determining stack heights for modeling emission
limitations for a source can be found in Table 3.1 of the
GEP Technical Support Document.

BPIP (Dated: 04274)

DATE : 9/11/2007

TIME : 17:22:33

C:\0Projects\Lowes\Modeling\LOWES_v2.ISC

BPIP output is in meters

SO BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
SO BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
SO BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
SO BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
SO BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
SO BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
SO BUILDWID FOOD	33.85	33.13	32.20	33.54	33.85	33.14
SO BUILDWID FOOD	31.42	28.75	25.20	20.89	15.94	12.73
SO BUILDWID FOOD	17.99	22.70	26.72	29.93	32.23	33.55
SO BUILDWID FOOD	33.85	33.13	32.20	33.54	33.85	33.14
SO BUILDWID FOOD	31.42	28.75	25.20	20.89	15.94	12.73
SO BUILDWID FOOD	17.99	22.70	26.72	29.93	32.23	33.55
SO BUILDLEN FOOD	20.89	15.94	12.73	17.99	22.70	26.72
SO BUILDLEN FOOD	29.93	32.23	33.55	33.85	33.13	32.20
SO BUILDLEN FOOD	33.54	33.85	33.14	31.42	28.75	25.20
SO BUILDLEN FOOD	20.89	15.94	12.73	17.99	22.70	26.72
SO BUILDLEN FOOD	29.93	32.23	33.55	33.85	33.13	32.20
SO BUILDLEN FOOD	33.54	33.85	33.14	31.42	28.75	25.20
SO XBADJ FOOD	-14.95	-13.12	-12.00	-14.95	-17.44	-19.41
SO XBADJ FOOD	-20.78	-21.52	-21.61	-21.04	-19.83	-18.43
SO XBADJ FOOD	-18.08	-17.19	-15.77	-13.87	-11.55	-8.88
SO XBADJ FOOD	-5.94	-2.82	-0.72	-3.03	-5.25	-7.31
SO XBADJ FOOD	-9.15	-10.71	-11.94	-12.81	-13.29	-13.77
SO XBADJ FOOD	-15.46	-16.67	-17.37	-17.55	-17.20	-16.32
SO YBADJ FOOD	4.12	3.27	2.33	1.31	0.26	-0.80
SO YBADJ FOOD	-1.84	-2.82	-3.72	-4.50	-5.15	-5.64
SO YBADJ FOOD	-5.96	-6.10	-6.05	-5.82	-5.41	-4.84
SO YBADJ FOOD	-4.12	-3.27	-2.33	-1.31	-0.26	0.80
SO YBADJ FOOD	1.84	2.82	3.72	4.50	5.15	5.64
SO YBADJ FOOD	5.96	6.10	6.05	5.82	5.41	4.84

SO BUILDHGT WELL	10.67	10.67	10.67	10.67	0.00	0.00
SO BUILDHGT WELL	10.67	10.67	10.67	10.67	10.67	10.67
SO BUILDHGT WELL	10.67	10.67	10.67	10.67	10.67	10.67
SO BUILDHGT WELL	10.67	10.67	10.67	10.67	0.00	0.00
SO BUILDHGT WELL	10.67	10.67	10.67	10.67	10.67	10.67
SO BUILDHGT WELL	10.67	10.67	10.67	10.67	10.67	10.67
SO BUILDWID WELL	131.03	121.59	112.30	129.57	0.00	0.00
SO BUILDWID WELL	161.13	163.31	160.52	152.86	140.56	126.02
SO BUILDWID WELL	135.81	145.35	150.49	151.04	147.01	138.51
SO BUILDWID WELL	131.03	121.59	112.30	129.57	0.00	0.00
SO BUILDWID WELL	161.13	163.31	160.52	152.86	140.56	126.02
SO BUILDWID WELL	135.81	145.35	150.49	151.04	147.01	138.51
SO BUILDLEN WELL	152.86	140.56	126.02	135.81	0.00	0.00
SO BUILDLEN WELL	151.04	147.01	138.51	131.03	121.59	112.30
SO BUILDLEN WELL	129.57	142.90	154.05	161.13	163.31	160.52
SO BUILDLEN WELL	152.86	140.56	126.02	135.81	0.00	0.00
SO BUILDLEN WELL	151.04	147.01	138.51	131.03	121.59	112.30
SO BUILDLEN WELL	129.57	142.90	154.05	161.13	163.31	160.52
SO XBADJ WELL	0.20	-1.46	-3.67	-19.40	0.00	0.00
SO XBADJ WELL	-72.42	-86.37	-97.69	-106.04	-111.17	-115.31
SO XBADJ WELL	-134.55	-149.71	-160.32	-166.06	-166.75	-162.37
SO XBADJ WELL	-153.06	-139.10	-122.35	-116.41	0.00	0.00
SO XBADJ WELL	-78.62	-60.65	-40.83	-25.00	-10.42	3.01
SO XBADJ WELL	4.99	6.81	6.26	4.93	3.44	1.85
SO YBADJ WELL	40.52	50.37	59.16	69.77	0.00	0.00
SO YBADJ WELL	85.49	85.09	82.11	76.63	68.82	59.34

		G4 - LOWES_v2.pro						
S0	YBADJ	WELL	48.50	34.26	18.97	3.10	-12.86	-28.43
S0	YBADJ	WELL	-40.52	-50.37	-59.16	-69.77	0.00	0.00
S0	YBADJ	WELL	-85.49	-85.09	-82.11	-76.63	-68.82	-59.34
S0	YBADJ	WELL	-48.50	-34.26	-18.97	-3.10	12.86	28.43
S0	BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
S0	BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
S0	BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
S0	BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
S0	BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
S0	BUILDHGT	EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
S0	BUILDWID	EMER_GEN	131.03	121.59	112.30	129.57	142.90	154.05
S0	BUILDWID	EMER_GEN	161.13	163.31	160.52	152.86	140.56	126.02
S0	BUILDWID	EMER_GEN	135.81	145.35	150.49	151.04	147.01	138.51
S0	BUILDWID	EMER_GEN	131.03	121.59	112.30	129.57	142.90	154.05
S0	BUILDWID	EMER_GEN	161.13	163.31	160.52	152.86	140.56	126.02
S0	BUILDWID	EMER_GEN	135.81	145.35	150.49	151.04	147.01	138.51
S0	BUILDLN	EMER_GEN	152.86	140.56	126.02	135.81	145.35	150.49
S0	BUILDLN	EMER_GEN	151.04	147.01	138.51	131.03	121.59	112.30
S0	BUILDLN	EMER_GEN	129.57	142.90	154.05	161.13	163.31	160.52
S0	BUILDLN	EMER_GEN	152.86	140.56	126.02	135.81	145.35	150.49
S0	BUILDLN	EMER_GEN	151.04	147.01	138.51	131.03	121.59	112.30
S0	BUILDLN	EMER_GEN	129.57	142.90	154.05	161.13	163.31	160.52
S0	XBADJ	EMER_GEN	-90.64	-92.92	-92.97	-103.83	-115.42	-123.49
S0	XBADJ	EMER_GEN	-127.82	-128.26	-124.81	-117.56	-106.74	-95.06
S0	XBADJ	EMER_GEN	-99.11	-100.14	-98.14	-93.15	-85.32	-74.91
S0	XBADJ	EMER_GEN	-62.22	-47.64	-33.04	-31.98	-29.94	-26.99
S0	XBADJ	EMER_GEN	-23.22	-18.75	-13.71	-13.48	-14.85	-17.23
S0	XBADJ	EMER_GEN	-30.46	-42.76	-55.92	-67.98	-77.98	-85.61
S0	YBADJ	EMER_GEN	52.04	45.94	38.92	34.33	28.69	21.11
S0	YBADJ	EMER_GEN	12.58	3.67	-5.35	-14.21	-22.64	-29.96
S0	YBADJ	EMER_GEN	-35.93	-42.74	-48.25	-52.30	-54.75	-55.55
S0	YBADJ	EMER_GEN	-52.04	-45.94	-38.92	-34.33	-28.69	-21.11
S0	YBADJ	EMER_GEN	-12.58	-3.67	5.35	14.21	22.64	29.96
S0	YBADJ	EMER_GEN	35.93	42.74	48.25	52.30	54.75	55.55

**

**

** AERMOD Input Produced by:

** ISC-AERMOD View Ver. 5.6.0

** Lakes Environmental Software Inc.

** Date: 9/11/2007

** File: C:\0Projects\Lowes\Modeling\LOWES_v2.ADI

**

**

**

** AERMOD Control Pathway

**

**

CO STARTING

TITLEONE C:\0Projects\Lowes\Modeling\LOWES_v2.ISC

MODELOPT DFAULT CONC

AVERTIME 1 PERIOD

POLLUTID TOX

RUNORNOT RUN

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

G5 - LOWES_v2.ADO

** Source ID - Type - X Coord. - Y Coord. **

LOCATION FOOD POINT 653971.050 4183439.870 0.0

** DESCRSRC Restaurant

LOCATION WELL POINT 654227.560 4183324.100 0.0

** DESCRSRC Truck Well Idle

LOCATION EMER_GEN POINT 654254.680 4183411.560 0.0

** DESCRSRC Emergency Back-up Power Generator

** Line Source represented by Separated Volume Sources

** -----

** LINE Source ID = RETAIL_T

** DESCRSRC Retail Ingress

** Length of Side = 3.66

** Emission Rate = 7.04958141708333E-5

** Elevated

** Vertical Dimension = 1.83

** SZINIT = 0.43

** Nodes = 13

** 654086.73, 4183543.35, 0.00, 1.83, 0.0

** 654057.07, 4183490.01, 0.00, 1.83, 3.33

** 654034.89, 4183471.40, 0.00, 1.83, 3.36

** 654004.75, 4183482.76, 0.00, 1.83, 2.99

** 653998.18, 4183482.71, 0.00, 1.83, 3.05

** 653997.56, 4183522.62, 0.00, 1.83, 3.08

** 653999.45, 4183537.64, 0.00, 1.83, 2.38

** 653993.52, 4183544.09, 0.00, 1.83, 2.00

** 653951.10, 4183544.17, 0.00, 1.83, 3.28

** 653938.83, 4183530.34, 0.00, 1.83, 2.89

** 653939.30, 4183484.93, 0.00, 1.83, 3.01

** 653947.59, 4183478.64, 0.00, 1.83, 2.41

** 653997.88, 4183479.53, 0.00, 1.83, 3.34

** -----

G5 - LOWES_v2.ADO

LOCATION	L0005723	VOLUME	654085.859	4183541.653	0.0
LOCATION	L0005724	VOLUME	654082.371	4183535.396	0.0
LOCATION	L0005725	VOLUME	654078.883	4183529.139	0.0
LOCATION	L0005726	VOLUME	654075.395	4183522.882	0.0
LOCATION	L0005727	VOLUME	654071.906	4183516.625	0.0
LOCATION	L0005728	VOLUME	654068.418	4183510.368	0.0
LOCATION	L0005729	VOLUME	654064.930	4183504.111	0.0
LOCATION	L0005730	VOLUME	654061.441	4183497.854	0.0
LOCATION	L0005731	VOLUME	654057.953	4183491.597	0.0
LOCATION	L0005732	VOLUME	654052.920	4183486.546	0.0
LOCATION	L0005733	VOLUME	654047.373	4183481.921	0.0
LOCATION	L0005734	VOLUME	654041.826	4183477.296	0.0
LOCATION	L0005735	VOLUME	654036.280	4183472.671	0.0
LOCATION	L0005736	VOLUME	654030.563	4183473.110	0.0
LOCATION	L0005737	VOLUME	654024.538	4183475.360	0.0
LOCATION	L0005738	VOLUME	654018.513	4183477.610	0.0
LOCATION	L0005739	VOLUME	654012.488	4183479.860	0.0
LOCATION	L0005740	VOLUME	654006.463	4183482.110	0.0
LOCATION	L0005741	VOLUME	654000.016	4183482.750	0.0
LOCATION	L0005742	VOLUME	653998.112	4183487.546	0.0
LOCATION	L0005743	VOLUME	653998.008	4183494.171	0.0
LOCATION	L0005744	VOLUME	653997.904	4183500.796	0.0
LOCATION	L0005745	VOLUME	653997.800	4183507.421	0.0
LOCATION	L0005746	VOLUME	653997.695	4183514.046	0.0
LOCATION	L0005747	VOLUME	653997.591	4183520.671	0.0
LOCATION	L0005748	VOLUME	653997.964	4183525.768	0.0
LOCATION	L0005749	VOLUME	653998.589	4183530.852	0.0
LOCATION	L0005750	VOLUME	653999.214	4183535.935	0.0
LOCATION	L0005751	VOLUME	653997.728	4183539.549	0.0
LOCATION	L0005752	VOLUME	653994.760	4183542.674	0.0
LOCATION	L0005753	VOLUME	653988.266	4183544.031	0.0
LOCATION	L0005754	VOLUME	653981.204	4183544.073	0.0

G5 - LOWES_v2.ADO

LOCATION	L0005755	VOLUME	653974.141	4183544.114	0.0
LOCATION	L0005756	VOLUME	653967.079	4183544.156	0.0
LOCATION	L0005757	VOLUME	653960.016	4183544.198	0.0
LOCATION	L0005758	VOLUME	653952.954	4183544.239	0.0
LOCATION	L0005759	VOLUME	653948.229	4183540.957	0.0
LOCATION	L0005760	VOLUME	653944.124	4183536.290	0.0
LOCATION	L0005761	VOLUME	653940.020	4183531.623	0.0
LOCATION	L0005762	VOLUME	653938.864	4183525.614	0.0
LOCATION	L0005763	VOLUME	653938.935	4183519.150	0.0
LOCATION	L0005764	VOLUME	653939.007	4183512.686	0.0
LOCATION	L0005765	VOLUME	653939.078	4183506.222	0.0
LOCATION	L0005766	VOLUME	653939.149	4183499.757	0.0
LOCATION	L0005767	VOLUME	653939.221	4183493.293	0.0
LOCATION	L0005768	VOLUME	653939.292	4183486.829	0.0
LOCATION	L0005769	VOLUME	653941.980	4183482.979	0.0
LOCATION	L0005770	VOLUME	653946.105	4183479.854	0.0
LOCATION	L0005771	VOLUME	653952.921	4183478.830	0.0
LOCATION	L0005772	VOLUME	653960.109	4183478.937	0.0
LOCATION	L0005773	VOLUME	653967.296	4183479.044	0.0
LOCATION	L0005774	VOLUME	653974.484	4183479.151	0.0
LOCATION	L0005775	VOLUME	653981.671	4183479.258	0.0
LOCATION	L0005776	VOLUME	653988.859	4183479.366	0.0
LOCATION	L0005777	VOLUME	653996.046	4183479.473	0.0

** End of Line Source

** Line Source represented by Separated Volume Sources

** -----

** LINE Source ID = LOWES_BL

** DESCRSRC Lowes Delivery Truck Travel - Bldg Line

** Length of Side = 3.66

** Emission Rate = 6.46243129369445E-5

** Elevated

** Building Height = 10.67

** SZINIT = 4.96

** Nodes = 7

** 654290.00, 4183438.29, 0.00, 5.33, 0.0

** 654241.38, 4183343.22, 0.00, 5.33, 3.20

** 654260.56, 4183295.89, 0.00, 5.33, 3.39

** 654238.42, 4183288.41, 0.00, 5.33, 2.72

** 654194.19, 4183306.93, 0.00, 5.33, 3.19

** 654146.84, 4183332.09, 0.00, 5.33, 3.11

** 654106.01, 4183354.31, 0.00, 5.33, 3.09

** -----

LOCATION L0005778 VOLUME 654289.167 4183436.622 0.0

LOCATION L0005779 VOLUME 654286.036 4183430.506 0.0

LOCATION L0005780 VOLUME 654282.906 4183424.390 0.0

LOCATION L0005781 VOLUME 654279.775 4183418.273 0.0

LOCATION L0005782 VOLUME 654276.644 4183412.157 0.0

LOCATION L0005783 VOLUME 654273.514 4183406.041 0.0

LOCATION L0005784 VOLUME 654270.383 4183399.924 0.0

LOCATION L0005785 VOLUME 654267.253 4183393.808 0.0

LOCATION L0005786 VOLUME 654264.122 4183387.692 0.0

LOCATION L0005787 VOLUME 654260.992 4183381.576 0.0

LOCATION L0005788 VOLUME 654257.861 4183375.459 0.0

LOCATION L0005789 VOLUME 654254.731 4183369.343 0.0

LOCATION L0005790 VOLUME 654251.600 4183363.227 0.0

LOCATION L0005791 VOLUME 654248.469 4183357.111 0.0

LOCATION L0005792 VOLUME 654245.339 4183350.994 0.0

LOCATION L0005793 VOLUME 654242.208 4183344.878 0.0

LOCATION L0005794 VOLUME 654243.428 4183338.194 0.0

LOCATION L0005795 VOLUME 654246.169 4183331.444 0.0

LOCATION L0005796 VOLUME 654248.910 4183324.694 0.0

LOCATION L0005797 VOLUME 654251.651 4183317.944 0.0

LOCATION L0005798 VOLUME 654254.392 4183311.194 0.0

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LOCATION	L0005799	VOLUME	654257.133	4183304.444	0.0
LOCATION	L0005800	VOLUME	654259.874	4183297.694	0.0
LOCATION	L0005801	VOLUME	654256.763	4183294.712	0.0
LOCATION	L0005802	VOLUME	654251.232	4183292.837	0.0
LOCATION	L0005803	VOLUME	654245.701	4183290.962	0.0
LOCATION	L0005804	VOLUME	654240.169	4183289.087	0.0
LOCATION	L0005805	VOLUME	654233.803	4183290.437	0.0
LOCATION	L0005806	VOLUME	654227.482	4183293.080	0.0
LOCATION	L0005807	VOLUME	654221.160	4183295.723	0.0
LOCATION	L0005808	VOLUME	654214.839	4183298.366	0.0
LOCATION	L0005809	VOLUME	654208.518	4183301.009	0.0
LOCATION	L0005810	VOLUME	654202.196	4183303.652	0.0
LOCATION	L0005811	VOLUME	654195.875	4183306.295	0.0
LOCATION	L0005812	VOLUME	654189.883	4183309.271	0.0
LOCATION	L0005813	VOLUME	654183.961	4183312.396	0.0
LOCATION	L0005814	VOLUME	654178.039	4183315.521	0.0
LOCATION	L0005815	VOLUME	654172.117	4183318.646	0.0
LOCATION	L0005816	VOLUME	654166.196	4183321.771	0.0
LOCATION	L0005817	VOLUME	654160.274	4183324.896	0.0
LOCATION	L0005818	VOLUME	654154.352	4183328.021	0.0
LOCATION	L0005819	VOLUME	654148.430	4183331.146	0.0
LOCATION	L0005820	VOLUME	654142.588	4183334.303	0.0
LOCATION	L0005821	VOLUME	654136.757	4183337.482	0.0
LOCATION	L0005822	VOLUME	654130.927	4183340.660	0.0
LOCATION	L0005823	VOLUME	654125.097	4183343.839	0.0
LOCATION	L0005824	VOLUME	654119.266	4183347.017	0.0
LOCATION	L0005825	VOLUME	654113.436	4183350.196	0.0
LOCATION	L0005826	VOLUME	654107.606	4183353.375	0.0

** End of Line Source

** Line Source represented by Separated Volume Sources

** -----

** LINE Source ID = LOWES_PA

** DESCRSRC Lowes Delivery Truck Travel - Parking Lot

** Length of Side = 3.66

** Emission Rate = 5.28687106811111E-5

** Elevated

** Vertical Dimension = 1.83

** SZINIT = 0.43

** Nodes = 8

** 654107.45, 4183357.59, 0.00, 1.83, 0.0

** 654005.93, 4183414.12, 0.00, 1.83, 3.27

** 654003.76, 4183425.27, 0.00, 1.83, 2.67

** 654013.90, 4183445.22, 0.00, 1.83, 2.61

** 654033.64, 4183462.32, 0.00, 1.83, 3.03

** 654045.53, 4183465.54, 0.00, 1.83, 2.86

** 654075.94, 4183495.76, 0.00, 1.83, 3.33

** 654095.92, 4183540.12, 0.00, 1.83, 3.23

** -----

LOCATION L0005681 VOLUME 654105.840 4183358.389 0.0

LOCATION L0005682 VOLUME 654099.696 4183361.810 0.0

LOCATION L0005683 VOLUME 654093.552 4183365.230 0.0

LOCATION L0005684 VOLUME 654087.408 4183368.650 0.0

LOCATION L0005685 VOLUME 654081.264 4183372.070 0.0

LOCATION L0005686 VOLUME 654075.120 4183375.490 0.0

LOCATION L0005687 VOLUME 654068.976 4183378.910 0.0

LOCATION L0005688 VOLUME 654062.832 4183382.330 0.0

LOCATION L0005689 VOLUME 654056.688 4183385.750 0.0

LOCATION L0005690 VOLUME 654050.543 4183389.170 0.0

LOCATION L0005691 VOLUME 654044.399 4183392.590 0.0

LOCATION L0005692 VOLUME 654038.255 4183396.010 0.0

LOCATION L0005693 VOLUME 654032.111 4183399.430 0.0

LOCATION L0005694 VOLUME 654025.967 4183402.850 0.0

LOCATION L0005695 VOLUME 654019.823 4183406.270 0.0

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LOCATION L0005696 VOLUME 654013.679 4183409.690 0.0
LOCATION L0005697 VOLUME 654007.535 4183413.111 0.0
LOCATION L0005698 VOLUME 654005.193 4183417.830 0.0
LOCATION L0005699 VOLUME 654004.099 4183423.455 0.0
LOCATION L0005700 VOLUME 654005.455 4183428.618 0.0
LOCATION L0005701 VOLUME 654007.986 4183433.618 0.0
LOCATION L0005702 VOLUME 654010.518 4183438.618 0.0
LOCATION L0005703 VOLUME 654013.049 4183443.618 0.0
LOCATION L0005704 VOLUME 654017.426 4183448.307 0.0
LOCATION L0005705 VOLUME 654022.364 4183452.557 0.0
LOCATION L0005706 VOLUME 654027.301 4183456.807 0.0
LOCATION L0005707 VOLUME 654032.239 4183461.057 0.0
LOCATION L0005708 VOLUME 654037.799 4183463.392 0.0
LOCATION L0005709 VOLUME 654043.736 4183465.017 0.0
LOCATION L0005710 VOLUME 654049.276 4183469.253 0.0
LOCATION L0005711 VOLUME 654054.349 4183474.294 0.0
LOCATION L0005712 VOLUME 654059.422 4183479.336 0.0
LOCATION L0005713 VOLUME 654064.495 4183484.378 0.0
LOCATION L0005714 VOLUME 654069.567 4183489.419 0.0
LOCATION L0005715 VOLUME 654074.640 4183494.461 0.0
LOCATION L0005716 VOLUME 654078.041 4183500.405 0.0
LOCATION L0005717 VOLUME 654080.899 4183506.726 0.0
LOCATION L0005718 VOLUME 654083.756 4183513.048 0.0
LOCATION L0005719 VOLUME 654086.613 4183519.369 0.0
LOCATION L0005720 VOLUME 654089.470 4183525.691 0.0
LOCATION L0005721 VOLUME 654092.327 4183532.012 0.0
LOCATION L0005722 VOLUME 654095.184 4183538.334 0.0

** End of Line Source

** Source Parameters **

SRCPARAM FOOD 3.6161E-09 9.144 366.483 6.14690 0.305

SRCPARAM WELL 0.000197816672472222 3.840 366.000 51.71000 0.100

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SRCPARAM EMER_GEN 0.00030617484975 3.658 776.000 71.83000 0.200

SRCPARAM L0005723 1.2817E-06 1.83 3.33 0.43

SRCPARAM L0005724 1.2817E-06 1.83 3.33 0.43

SRCPARAM L0005725 1.2817E-06 1.83 3.33 0.43

SRCPARAM L0005726 1.2817E-06 1.83 3.33 0.43

SRCPARAM L0005727 1.2817E-06 1.83 3.33 0.43

SRCPARAM L0005728 1.2817E-06 1.83 3.33 0.43

SRCPARAM L0005729 1.2817E-06 1.83 3.33 0.43

SRCPARAM L0005730 1.2817E-06 1.83 3.33 0.43

SRCPARAM L0005731 1.2817E-06 1.83 3.33 0.43

SRCPARAM L0005732 1.2817E-06 1.83 3.36 0.43

SRCPARAM L0005733 1.2817E-06 1.83 3.36 0.43

SRCPARAM L0005734 1.2817E-06 1.83 3.36 0.43

SRCPARAM L0005735 1.2817E-06 1.83 3.36 0.43

SRCPARAM L0005736 1.2817E-06 1.83 2.99 0.43

SRCPARAM L0005737 1.2817E-06 1.83 2.99 0.43

SRCPARAM L0005738 1.2817E-06 1.83 2.99 0.43

SRCPARAM L0005739 1.2817E-06 1.83 2.99 0.43

SRCPARAM L0005740 1.2817E-06 1.83 2.99 0.43

SRCPARAM L0005741 1.2817E-06 1.83 3.05 0.43

SRCPARAM L0005742 1.2817E-06 1.83 3.08 0.43

SRCPARAM L0005743 1.2817E-06 1.83 3.08 0.43

SRCPARAM L0005744 1.2817E-06 1.83 3.08 0.43

SRCPARAM L0005745 1.2817E-06 1.83 3.08 0.43

SRCPARAM L0005746 1.2817E-06 1.83 3.08 0.43

SRCPARAM L0005747 1.2817E-06 1.83 3.08 0.43

SRCPARAM L0005748 1.2817E-06 1.83 2.38 0.43

SRCPARAM L0005749 1.2817E-06 1.83 2.38 0.43

SRCPARAM L0005750 1.2817E-06 1.83 2.38 0.43

SRCPARAM L0005751 1.2817E-06 1.83 2.00 0.43

SRCPARAM L0005752 1.2817E-06 1.83 2.00 0.43

SRCPARAM L0005753 1.2817E-06 1.83 3.28 0.43

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SRCPARAM	L0005754	1.2817E-06	1.83	3.28	0.43
SRCPARAM	L0005755	1.2817E-06	1.83	3.28	0.43
SRCPARAM	L0005756	1.2817E-06	1.83	3.28	0.43
SRCPARAM	L0005757	1.2817E-06	1.83	3.28	0.43
SRCPARAM	L0005758	1.2817E-06	1.83	3.28	0.43
SRCPARAM	L0005759	1.2817E-06	1.83	2.89	0.43
SRCPARAM	L0005760	1.2817E-06	1.83	2.89	0.43
SRCPARAM	L0005761	1.2817E-06	1.83	2.89	0.43
SRCPARAM	L0005762	1.2817E-06	1.83	3.01	0.43
SRCPARAM	L0005763	1.2817E-06	1.83	3.01	0.43
SRCPARAM	L0005764	1.2817E-06	1.83	3.01	0.43
SRCPARAM	L0005765	1.2817E-06	1.83	3.01	0.43
SRCPARAM	L0005766	1.2817E-06	1.83	3.01	0.43
SRCPARAM	L0005767	1.2817E-06	1.83	3.01	0.43
SRCPARAM	L0005768	1.2817E-06	1.83	3.01	0.43
SRCPARAM	L0005769	1.2817E-06	1.83	2.41	0.43
SRCPARAM	L0005770	1.2817E-06	1.83	2.41	0.43
SRCPARAM	L0005771	1.2817E-06	1.83	3.34	0.43
SRCPARAM	L0005772	1.2817E-06	1.83	3.34	0.43
SRCPARAM	L0005773	1.2817E-06	1.83	3.34	0.43
SRCPARAM	L0005774	1.2817E-06	1.83	3.34	0.43
SRCPARAM	L0005775	1.2817E-06	1.83	3.34	0.43
SRCPARAM	L0005776	1.2817E-06	1.83	3.34	0.43
SRCPARAM	L0005777	1.2817E-06	1.83	3.34	0.43
SRCPARAM	L0005778	1.3189E-06	5.33	3.20	4.96
SRCPARAM	L0005779	1.3189E-06	5.33	3.20	4.96
SRCPARAM	L0005780	1.3189E-06	5.33	3.20	4.96
SRCPARAM	L0005781	1.3189E-06	5.33	3.20	4.96
SRCPARAM	L0005782	1.3189E-06	5.33	3.20	4.96
SRCPARAM	L0005783	1.3189E-06	5.33	3.20	4.96
SRCPARAM	L0005784	1.3189E-06	5.33	3.20	4.96

SRCPARAM L0005785 1.3189E-06 5.33 3.20 4.96
SRCPARAM L0005786 1.3189E-06 5.33 3.20 4.96
SRCPARAM L0005787 1.3189E-06 5.33 3.20 4.96
SRCPARAM L0005788 1.3189E-06 5.33 3.20 4.96
SRCPARAM L0005789 1.3189E-06 5.33 3.20 4.96
SRCPARAM L0005790 1.3189E-06 5.33 3.20 4.96
SRCPARAM L0005791 1.3189E-06 5.33 3.20 4.96
SRCPARAM L0005792 1.3189E-06 5.33 3.20 4.96
SRCPARAM L0005793 1.3189E-06 5.33 3.20 4.96
SRCPARAM L0005794 1.3189E-06 5.33 3.39 4.96
SRCPARAM L0005795 1.3189E-06 5.33 3.39 4.96
SRCPARAM L0005796 1.3189E-06 5.33 3.39 4.96
SRCPARAM L0005797 1.3189E-06 5.33 3.39 4.96
SRCPARAM L0005798 1.3189E-06 5.33 3.39 4.96
SRCPARAM L0005799 1.3189E-06 5.33 3.39 4.96
SRCPARAM L0005800 1.3189E-06 5.33 3.39 4.96
SRCPARAM L0005801 1.3189E-06 5.33 2.72 4.96
SRCPARAM L0005802 1.3189E-06 5.33 2.72 4.96
SRCPARAM L0005803 1.3189E-06 5.33 2.72 4.96
SRCPARAM L0005804 1.3189E-06 5.33 2.72 4.96
SRCPARAM L0005805 1.3189E-06 5.33 3.19 4.96
SRCPARAM L0005806 1.3189E-06 5.33 3.19 4.96
SRCPARAM L0005807 1.3189E-06 5.33 3.19 4.96
SRCPARAM L0005808 1.3189E-06 5.33 3.19 4.96
SRCPARAM L0005809 1.3189E-06 5.33 3.19 4.96
SRCPARAM L0005810 1.3189E-06 5.33 3.19 4.96
SRCPARAM L0005811 1.3189E-06 5.33 3.19 4.96
SRCPARAM L0005812 1.3189E-06 5.33 3.11 4.96
SRCPARAM L0005813 1.3189E-06 5.33 3.11 4.96
SRCPARAM L0005814 1.3189E-06 5.33 3.11 4.96
SRCPARAM L0005815 1.3189E-06 5.33 3.11 4.96
SRCPARAM L0005816 1.3189E-06 5.33 3.11 4.96

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SRCPARAM	L0005817	1.3189E-06	5.33	3.11	4.96
SRCPARAM	L0005818	1.3189E-06	5.33	3.11	4.96
SRCPARAM	L0005819	1.3189E-06	5.33	3.11	4.96
SRCPARAM	L0005820	1.3189E-06	5.33	3.09	4.96
SRCPARAM	L0005821	1.3189E-06	5.33	3.09	4.96
SRCPARAM	L0005822	1.3189E-06	5.33	3.09	4.96
SRCPARAM	L0005823	1.3189E-06	5.33	3.09	4.96
SRCPARAM	L0005824	1.3189E-06	5.33	3.09	4.96
SRCPARAM	L0005825	1.3189E-06	5.33	3.09	4.96
SRCPARAM	L0005826	1.3189E-06	5.33	3.09	4.96
SRCPARAM	L0005681	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005682	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005683	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005684	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005685	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005686	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005687	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005688	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005689	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005690	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005691	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005692	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005693	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005694	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005695	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005696	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005697	1.2588E-06	1.83	3.27	0.43
SRCPARAM	L0005698	1.2588E-06	1.83	2.67	0.43
SRCPARAM	L0005699	1.2588E-06	1.83	2.67	0.43
SRCPARAM	L0005700	1.2588E-06	1.83	2.61	0.43
SRCPARAM	L0005701	1.2588E-06	1.83	2.61	0.43

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SRCPARAM L0005702	1.2588E-06	1.83	2.61	0.43
SRCPARAM L0005703	1.2588E-06	1.83	2.61	0.43
SRCPARAM L0005704	1.2588E-06	1.83	3.03	0.43
SRCPARAM L0005705	1.2588E-06	1.83	3.03	0.43
SRCPARAM L0005706	1.2588E-06	1.83	3.03	0.43
SRCPARAM L0005707	1.2588E-06	1.83	3.03	0.43
SRCPARAM L0005708	1.2588E-06	1.83	2.86	0.43
SRCPARAM L0005709	1.2588E-06	1.83	2.86	0.43
SRCPARAM L0005710	1.2588E-06	1.83	3.33	0.43
SRCPARAM L0005711	1.2588E-06	1.83	3.33	0.43
SRCPARAM L0005712	1.2588E-06	1.83	3.33	0.43
SRCPARAM L0005713	1.2588E-06	1.83	3.33	0.43
SRCPARAM L0005714	1.2588E-06	1.83	3.33	0.43
SRCPARAM L0005715	1.2588E-06	1.83	3.33	0.43
SRCPARAM L0005716	1.2588E-06	1.83	3.23	0.43
SRCPARAM L0005717	1.2588E-06	1.83	3.23	0.43
SRCPARAM L0005718	1.2588E-06	1.83	3.23	0.43
SRCPARAM L0005719	1.2588E-06	1.83	3.23	0.43
SRCPARAM L0005720	1.2588E-06	1.83	3.23	0.43
SRCPARAM L0005721	1.2588E-06	1.83	3.23	0.43
SRCPARAM L0005722	1.2588E-06	1.83	3.23	0.43

** Building Downwash **

BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT FOOD	7.62	7.62	7.62	7.62	7.62	7.62
BUILDHGT WELL	10.67	10.67	10.67	10.67	0.00	0.00
BUILDHGT WELL	10.67	10.67	10.67	10.67	10.67	10.67

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BUILDHGT WELL	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT WELL	10.67	10.67	10.67	10.67	0.00	0.00
BUILDHGT WELL	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT WELL	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDHGT EMER_GEN	10.67	10.67	10.67	10.67	10.67	10.67
BUILDWID FOOD	33.85	33.13	32.20	33.54	33.85	33.14
BUILDWID FOOD	31.42	28.75	25.20	20.89	15.94	12.73
BUILDWID FOOD	17.99	22.70	26.72	29.93	32.23	33.55
BUILDWID FOOD	33.85	33.13	32.20	33.54	33.85	33.14
BUILDWID FOOD	31.42	28.75	25.20	20.89	15.94	12.73
BUILDWID FOOD	17.99	22.70	26.72	29.93	32.23	33.55
BUILDWID WELL	131.03	121.59	112.30	129.57	0.00	0.00
BUILDWID WELL	161.13	163.31	160.52	152.86	140.56	126.02
BUILDWID WELL	135.81	145.35	150.49	151.04	147.01	138.51
BUILDWID WELL	131.03	121.59	112.30	129.57	0.00	0.00
BUILDWID WELL	161.13	163.31	160.52	152.86	140.56	126.02
BUILDWID WELL	135.81	145.35	150.49	151.04	147.01	138.51
BUILDWID EMER_GEN	131.03	121.59	112.30	129.57	142.90	154.05
BUILDWID EMER_GEN	161.13	163.31	160.52	152.86	140.56	126.02
BUILDWID EMER_GEN	135.81	145.35	150.49	151.04	147.01	138.51
BUILDWID EMER_GEN	131.03	121.59	112.30	129.57	142.90	154.05
BUILDWID EMER_GEN	161.13	163.31	160.52	152.86	140.56	126.02

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BUILDWID	EMER_GEN	135.81	145.35	150.49	151.04	147.01	138.51
BUILDLEN	FOOD	20.89	15.94	12.73	17.99	22.70	26.72
BUILDLEN	FOOD	29.93	32.23	33.55	33.85	33.13	32.20
BUILDLEN	FOOD	33.54	33.85	33.14	31.42	28.75	25.20
BUILDLEN	FOOD	20.89	15.94	12.73	17.99	22.70	26.72
BUILDLEN	FOOD	29.93	32.23	33.55	33.85	33.13	32.20
BUILDLEN	FOOD	33.54	33.85	33.14	31.42	28.75	25.20
BUILDLEN	WELL	152.86	140.56	126.02	135.81	0.00	0.00
BUILDLEN	WELL	151.04	147.01	138.51	131.03	121.59	112.30
BUILDLEN	WELL	129.57	142.90	154.05	161.13	163.31	160.52
BUILDLEN	WELL	152.86	140.56	126.02	135.81	0.00	0.00
BUILDLEN	WELL	151.04	147.01	138.51	131.03	121.59	112.30
BUILDLEN	WELL	129.57	142.90	154.05	161.13	163.31	160.52
BUILDLEN	EMER_GEN	152.86	140.56	126.02	135.81	145.35	150.49
BUILDLEN	EMER_GEN	151.04	147.01	138.51	131.03	121.59	112.30
BUILDLEN	EMER_GEN	129.57	142.90	154.05	161.13	163.31	160.52
BUILDLEN	EMER_GEN	152.86	140.56	126.02	135.81	145.35	150.49
BUILDLEN	EMER_GEN	151.04	147.01	138.51	131.03	121.59	112.30
BUILDLEN	EMER_GEN	129.57	142.90	154.05	161.13	163.31	160.52
XBADJ	FOOD	-14.95	-13.12	-12.00	-14.95	-17.44	-19.41
XBADJ	FOOD	-20.78	-21.52	-21.61	-21.04	-19.83	-18.43
XBADJ	FOOD	-18.08	-17.19	-15.77	-13.87	-11.55	-8.88
XBADJ	FOOD	-5.94	-2.82	-0.72	-3.03	-5.25	-7.31
XBADJ	FOOD	-9.15	-10.71	-11.94	-12.81	-13.29	-13.77
XBADJ	FOOD	-15.46	-16.67	-17.37	-17.55	-17.20	-16.32
XBADJ	WELL	0.20	-1.46	-3.67	-19.40	0.00	0.00
XBADJ	WELL	-72.42	-86.37	-97.69	-106.04	-111.17	-115.31

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XBADJ	WELL	-134.55	-149.71	-160.32	-166.06	-166.75	-162.37
XBADJ	WELL	-153.06	-139.10	-122.35	-116.41	0.00	0.00
XBADJ	WELL	-78.62	-60.65	-40.83	-25.00	-10.42	3.01
XBADJ	WELL	4.99	6.81	6.26	4.93	3.44	1.85
XBADJ	EMER_GEN	-90.64	-92.92	-92.97	-103.83	-115.42	-123.49
XBADJ	EMER_GEN	-127.82	-128.26	-124.81	-117.56	-106.74	-95.06
XBADJ	EMER_GEN	-99.11	-100.14	-98.14	-93.15	-85.32	-74.91
XBADJ	EMER_GEN	-62.22	-47.64	-33.04	-31.98	-29.94	-26.99
XBADJ	EMER_GEN	-23.22	-18.75	-13.71	-13.48	-14.85	-17.23
XBADJ	EMER_GEN	-30.46	-42.76	-55.92	-67.98	-77.98	-85.61
YBADJ	FOOD	4.12	3.27	2.33	1.31	0.26	-0.80
YBADJ	FOOD	-1.84	-2.82	-3.72	-4.50	-5.15	-5.64
YBADJ	FOOD	-5.96	-6.10	-6.05	-5.82	-5.41	-4.84
YBADJ	FOOD	-4.12	-3.27	-2.33	-1.31	-0.26	0.80
YBADJ	FOOD	1.84	2.82	3.72	4.50	5.15	5.64
YBADJ	FOOD	5.96	6.10	6.05	5.82	5.41	4.84
YBADJ	WELL	40.52	50.37	59.16	69.77	0.00	0.00
YBADJ	WELL	85.49	85.09	82.11	76.63	68.82	59.34
YBADJ	WELL	48.50	34.26	18.97	3.10	-12.86	-28.43
YBADJ	WELL	-40.52	-50.37	-59.16	-69.77	0.00	0.00
YBADJ	WELL	-85.49	-85.09	-82.11	-76.63	-68.82	-59.34
YBADJ	WELL	-48.50	-34.26	-18.97	-3.10	12.86	28.43
YBADJ	EMER_GEN	52.04	45.94	38.92	34.33	28.69	21.11
YBADJ	EMER_GEN	12.58	3.67	-5.35	-14.21	-22.64	-29.96
YBADJ	EMER_GEN	-35.93	-42.74	-48.25	-52.30	-54.75	-55.55
YBADJ	EMER_GEN	-52.04	-45.94	-38.92	-34.33	-28.69	-21.11
YBADJ	EMER_GEN	-12.58	-3.67	5.35	14.21	22.64	29.96

YBADJ	EMER_GEN	35.93	G5 - LOWES_v2.ADO 42.74	48.25	52.30	54.75	55.55
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EMISFACT	L0005787	HROFDY	1	1	1	1	1	1
EMISFACT	L0005787	HROFDY	1	1	1	1	1	1
EMISFACT	L0005787	HROFDY	0	0	0	0	0	0
EMISFACT	L0005788	HROFDY	0	0	0	0	0	0
EMISFACT	L0005788	HROFDY	1	1	1	1	1	1
EMISFACT	L0005788	HROFDY	1	1	1	1	1	1
EMISFACT	L0005788	HROFDY	0	0	0	0	0	0
EMISFACT	L0005789	HROFDY	0	0	0	0	0	0
EMISFACT	L0005789	HROFDY	1	1	1	1	1	1
EMISFACT	L0005789	HROFDY	1	1	1	1	1	1
EMISFACT	L0005789	HROFDY	0	0	0	0	0	0
EMISFACT	L0005790	HROFDY	0	0	0	0	0	0
EMISFACT	L0005790	HROFDY	1	1	1	1	1	1
EMISFACT	L0005790	HROFDY	1	1	1	1	1	1
EMISFACT	L0005790	HROFDY	0	0	0	0	0	0
EMISFACT	L0005791	HROFDY	0	0	0	0	0	0
EMISFACT	L0005791	HROFDY	1	1	1	1	1	1
EMISFACT	L0005791	HROFDY	1	1	1	1	1	1
EMISFACT	L0005791	HROFDY	0	0	0	0	0	0
EMISFACT	L0005792	HROFDY	0	0	0	0	0	0
EMISFACT	L0005792	HROFDY	1	1	1	1	1	1
EMISFACT	L0005792	HROFDY	1	1	1	1	1	1
EMISFACT	L0005792	HROFDY	0	0	0	0	0	0
EMISFACT	L0005793	HROFDY	0	0	0	0	0	0
EMISFACT	L0005793	HROFDY	1	1	1	1	1	1

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EMISFACT	L0005793	HROFDY	1	1	1	1	1	1
EMISFACT	L0005793	HROFDY	0	0	0	0	0	0
EMISFACT	L0005794	HROFDY	0	0	0	0	0	0
EMISFACT	L0005794	HROFDY	1	1	1	1	1	1
EMISFACT	L0005794	HROFDY	1	1	1	1	1	1
EMISFACT	L0005794	HROFDY	0	0	0	0	0	0
EMISFACT	L0005795	HROFDY	0	0	0	0	0	0
EMISFACT	L0005795	HROFDY	1	1	1	1	1	1
EMISFACT	L0005795	HROFDY	1	1	1	1	1	1
EMISFACT	L0005795	HROFDY	0	0	0	0	0	0
EMISFACT	L0005796	HROFDY	0	0	0	0	0	0
EMISFACT	L0005796	HROFDY	1	1	1	1	1	1
EMISFACT	L0005796	HROFDY	1	1	1	1	1	1
EMISFACT	L0005796	HROFDY	0	0	0	0	0	0
EMISFACT	L0005797	HROFDY	0	0	0	0	0	0
EMISFACT	L0005797	HROFDY	1	1	1	1	1	1
EMISFACT	L0005797	HROFDY	1	1	1	1	1	1
EMISFACT	L0005797	HROFDY	0	0	0	0	0	0
EMISFACT	L0005798	HROFDY	0	0	0	0	0	0
EMISFACT	L0005798	HROFDY	1	1	1	1	1	1
EMISFACT	L0005798	HROFDY	1	1	1	1	1	1
EMISFACT	L0005798	HROFDY	0	0	0	0	0	0
EMISFACT	L0005799	HROFDY	0	0	0	0	0	0
EMISFACT	L0005799	HROFDY	1	1	1	1	1	1
EMISFACT	L0005799	HROFDY	1	1	1	1	1	1
EMISFACT	L0005799	HROFDY	0	0	0	0	0	0
EMISFACT	L0005800	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005800	HROFDY	1	1	1	1	1	1
EMISFACT	L0005800	HROFDY	0	0	0	0	0	0
EMISFACT	L0005801	HROFDY	0	0	0	0	0	0

EMISFACT	L0005801	HROFDY	1	1	1	1	1	1
EMISFACT	L0005801	HROFDY	1	1	1	1	1	1
EMISFACT	L0005801	HROFDY	0	0	0	0	0	0
EMISFACT	L0005802	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005802	HROFDY	1	1	1	1	1	1
EMISFACT	L0005802	HROFDY	0	0	0	0	0	0
EMISFACT	L0005803	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005803	HROFDY	1	1	1	1	1	1
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EMISFACT	L0005805	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005805	HROFDY	1	1	1	1	1	1
EMISFACT	L0005805	HROFDY	0	0	0	0	0	0
EMISFACT	L0005806	HROFDY	0	0	0	0	0	0
EMISFACT	L0005806	HROFDY	1	1	1	1	1	1
EMISFACT	L0005806	HROFDY	1	1	1	1	1	1
EMISFACT	L0005806	HROFDY	0	0	0	0	0	0
EMISFACT	L0005807	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005807	HROFDY	1	1	1	1	1	1
EMISFACT	L0005807	HROFDY	0	0	0	0	0	0
EMISFACT	L0005808	HROFDY	0	0	0	0	0	0
EMISFACT	L0005808	HROFDY	1	1	1	1	1	1
EMISFACT	L0005808	HROFDY	1	1	1	1	1	1
EMISFACT	L0005808	HROFDY	0	0	0	0	0	0
EMISFACT	L0005809	HROFDY	0	0	0	0	0	0

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EMISFACT	L0005809	HROFDY	1	1	1	1	1	1
EMISFACT	L0005809	HROFDY	1	1	1	1	1	1
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EMISFACT	L0005810	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005810	HROFDY	1	1	1	1	1	1
EMISFACT	L0005810	HROFDY	0	0	0	0	0	0
EMISFACT	L0005811	HROFDY	0	0	0	0	0	0
EMISFACT	L0005811	HROFDY	1	1	1	1	1	1
EMISFACT	L0005811	HROFDY	1	1	1	1	1	1
EMISFACT	L0005811	HROFDY	0	0	0	0	0	0
EMISFACT	L0005812	HROFDY	0	0	0	0	0	0
EMISFACT	L0005812	HROFDY	1	1	1	1	1	1
EMISFACT	L0005812	HROFDY	1	1	1	1	1	1
EMISFACT	L0005812	HROFDY	0	0	0	0	0	0
EMISFACT	L0005813	HROFDY	0	0	0	0	0	0
EMISFACT	L0005813	HROFDY	1	1	1	1	1	1
EMISFACT	L0005813	HROFDY	1	1	1	1	1	1
EMISFACT	L0005813	HROFDY	0	0	0	0	0	0
EMISFACT	L0005814	HROFDY	0	0	0	0	0	0
EMISFACT	L0005814	HROFDY	1	1	1	1	1	1
EMISFACT	L0005814	HROFDY	1	1	1	1	1	1
EMISFACT	L0005814	HROFDY	0	0	0	0	0	0
EMISFACT	L0005815	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005816	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005817	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005817	HROFDY	1	1	1	1	1	1
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EMISFACT	L0005818	HROFDY	0	0	0	0	0	0
EMISFACT	L0005818	HROFDY	1	1	1	1	1	1
EMISFACT	L0005818	HROFDY	1	1	1	1	1	1
EMISFACT	L0005818	HROFDY	0	0	0	0	0	0
EMISFACT	L0005819	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005820	HROFDY	1	1	1	1	1	1
EMISFACT	L0005820	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005822	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005823	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005823	HROFDY	1	1	1	1	1	1
EMISFACT	L0005823	HROFDY	0	0	0	0	0	0
EMISFACT	L0005824	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005824	HROFDY	1	1	1	1	1	1
EMISFACT	L0005824	HROFDY	0	0	0	0	0	0

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EMISFACT	L0005825	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005825	HROFDY	0	0	0	0	0	0
EMISFACT	L0005826	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005826	HROFDY	1	1	1	1	1	1
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EMISFACT	L0005687	HROFDY	1	1	1	1	1	1
EMISFACT	L0005687	HROFDY	0	0	0	0	0	0
EMISFACT	L0005688	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005707	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005707	HROFDY	1	1	1	1	1	1
EMISFACT	L0005707	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005708	HROFDY	1	1	1	1	1	1
EMISFACT	L0005708	HROFDY	0	0	0	0	0	0
EMISFACT	L0005709	HROFDY	0	0	0	0	0	0
EMISFACT	L0005709	HROFDY	1	1	1	1	1	1
EMISFACT	L0005709	HROFDY	1	1	1	1	1	1
EMISFACT	L0005709	HROFDY	0	0	0	0	0	0
EMISFACT	L0005710	HROFDY	0	0	0	0	0	0
EMISFACT	L0005710	HROFDY	1	1	1	1	1	1

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EMISFACT	L0005710	HROFDY	1	1	1	1	1	1
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EMISFACT	L0005712	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005714	HROFDY	0	0	0	0	0	0
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EMISFACT	L0005714	HROFDY	1	1	1	1	1	1
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EMISFACT	L0005716	HROFDY	0	0	0	0	0	0
EMISFACT	L0005717	HROFDY	0	0	0	0	0	0
EMISFACT	L0005717	HROFDY	1	1	1	1	1	1
EMISFACT	L0005717	HROFDY	1	1	1	1	1	1
EMISFACT	L0005717	HROFDY	0	0	0	0	0	0
EMISFACT	L0005718	HROFDY	0	0	0	0	0	0

EMISFACT L0005718 HROFDY 1 1 1 1 1 1
 EMISFACT L0005718 HROFDY 1 1 1 1 1 1
 EMISFACT L0005718 HROFDY 0 0 0 0 0 0
 EMISFACT L0005719 HROFDY 0 0 0 0 0 0
 EMISFACT L0005719 HROFDY 1 1 1 1 1 1
 EMISFACT L0005719 HROFDY 1 1 1 1 1 1
 EMISFACT L0005719 HROFDY 0 0 0 0 0 0
 EMISFACT L0005720 HROFDY 0 0 0 0 0 0
 EMISFACT L0005720 HROFDY 1 1 1 1 1 1
 EMISFACT L0005720 HROFDY 1 1 1 1 1 1
 EMISFACT L0005720 HROFDY 0 0 0 0 0 0
 EMISFACT L0005721 HROFDY 0 0 0 0 0 0
 EMISFACT L0005721 HROFDY 1 1 1 1 1 1
 EMISFACT L0005721 HROFDY 1 1 1 1 1 1
 EMISFACT L0005721 HROFDY 0 0 0 0 0 0
 EMISFACT L0005722 HROFDY 0 0 0 0 0 0
 EMISFACT L0005722 HROFDY 1 1 1 1 1 1
 EMISFACT L0005722 HROFDY 1 1 1 1 1 1
 EMISFACT L0005722 HROFDY 0 0 0 0 0 0
 EMISFACT WELL HROFDY 0 0 0 0 0 0
 EMISFACT WELL HROFDY 1 1 1 1 1 1
 EMISFACT WELL HROFDY 1 1 1 1 1 1
 EMISFACT WELL HROFDY 0 0 0 0 0 0
 EMISFACT EMER_GEN HROFDY 0 0 0 0 0 0
 EMISFACT EMER_GEN HROFDY 0 0 0 0 0 0
 EMISFACT EMER_GEN HROFDY 1 0 0 0 0 0
 EMISFACT EMER_GEN HROFDY 0 0 0 0 0 0
 SRCGROUP LOWES_BL L0005778 L0005779 L0005780 L0005781 L0005782 L0005783
 SRCGROUP LOWES_BL L0005784 L0005785 L0005786 L0005787 L0005788 L0005789
 SRCGROUP LOWES_BL L0005790 L0005791 L0005792 L0005793 L0005794 L0005795
 SRCGROUP LOWES_BL L0005796 L0005797 L0005798 L0005799 L0005800 L0005801
 SRCGROUP LOWES_BL L0005802 L0005803 L0005804 L0005805 L0005806 L0005807

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SRCGROUP LOWES_BL L0005808 L0005809 L0005810 L0005811 L0005812 L0005813
SRCGROUP LOWES_BL L0005814 L0005815 L0005816 L0005817 L0005818 L0005819
SRCGROUP LOWES_BL L0005820 L0005821 L0005822 L0005823 L0005824 L0005825
SRCGROUP LOWES_BL L0005826
SRCGROUP LOWES_PA L0005681 L0005682 L0005683 L0005684 L0005685 L0005686
SRCGROUP LOWES_PA L0005687 L0005688 L0005689 L0005690 L0005691 L0005692
SRCGROUP LOWES_PA L0005693 L0005694 L0005695 L0005696 L0005697 L0005698
SRCGROUP LOWES_PA L0005699 L0005700 L0005701 L0005702 L0005703 L0005704
SRCGROUP LOWES_PA L0005705 L0005706 L0005707 L0005708 L0005709 L0005710
SRCGROUP LOWES_PA L0005711 L0005712 L0005713 L0005714 L0005715 L0005716
SRCGROUP LOWES_PA L0005717 L0005718 L0005719 L0005720 L0005721 L0005722
SRCGROUP RETAIL_T L0005723 L0005724 L0005725 L0005726 L0005727 L0005728
SRCGROUP RETAIL_T L0005729 L0005730 L0005731 L0005732 L0005733 L0005734
SRCGROUP RETAIL_T L0005735 L0005736 L0005737 L0005738 L0005739 L0005740
SRCGROUP RETAIL_T L0005741 L0005742 L0005743 L0005744 L0005745 L0005746
SRCGROUP RETAIL_T L0005747 L0005748 L0005749 L0005750 L0005751 L0005752
SRCGROUP RETAIL_T L0005753 L0005754 L0005755 L0005756 L0005757 L0005758
SRCGROUP RETAIL_T L0005759 L0005760 L0005761 L0005762 L0005763 L0005764
SRCGROUP RETAIL_T L0005765 L0005766 L0005767 L0005768 L0005769 L0005770
SRCGROUP RETAIL_T L0005771 L0005772 L0005773 L0005774 L0005775 L0005776
SRCGROUP RETAIL_T L0005777
SRCGROUP TRK_WELL WELL
SRCGROUP DPM L0005778 L0005779 L0005780 L0005781 L0005782 L0005783 L0005784
SRCGROUP DPM L0005785 L0005786 L0005787 L0005788 L0005789 L0005790 L0005791
SRCGROUP DPM L0005792 L0005793 L0005794 L0005795 L0005796 L0005797 L0005798
SRCGROUP DPM L0005799 L0005800 L0005801 L0005802 L0005803 L0005804 L0005805
SRCGROUP DPM L0005806 L0005807 L0005808 L0005809 L0005810 L0005811 L0005812
SRCGROUP DPM L0005813 L0005814 L0005815 L0005816 L0005817 L0005818 L0005819
SRCGROUP DPM L0005820 L0005821 L0005822 L0005823 L0005824 L0005825 L0005826
SRCGROUP DPM L0005681 L0005682 L0005683 L0005684 L0005685 L0005686 L0005687
SRCGROUP DPM L0005688 L0005689 L0005690 L0005691 L0005692 L0005693 L0005694

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SRCGROUP DPM L0005695 L0005696 L0005697 L0005698 L0005699 L0005700 L0005701
 SRCGROUP DPM L0005702 L0005703 L0005704 L0005705 L0005706 L0005707 L0005708
 SRCGROUP DPM L0005709 L0005710 L0005711 L0005712 L0005713 L0005714 L0005715
 SRCGROUP DPM L0005716 L0005717 L0005718 L0005719 L0005720 L0005721 L0005722
 SRCGROUP DPM L0005723 L0005724 L0005725 L0005726 L0005727 L0005728 L0005729
 SRCGROUP DPM L0005730 L0005731 L0005732 L0005733 L0005734 L0005735 L0005736
 SRCGROUP DPM L0005737 L0005738 L0005739 L0005740 L0005741 L0005742 L0005743
 SRCGROUP DPM L0005744 L0005745 L0005746 L0005747 L0005748 L0005749 L0005750
 SRCGROUP DPM L0005751 L0005752 L0005753 L0005754 L0005755 L0005756 L0005757
 SRCGROUP DPM L0005758 L0005759 L0005760 L0005761 L0005762 L0005763 L0005764
 SRCGROUP DPM L0005765 L0005766 L0005767 L0005768 L0005769 L0005770 L0005771
 SRCGROUP DPM L0005772 L0005773 L0005774 L0005775 L0005776 L0005777 WELL
 SRCGROUP DPM EMER_GEN
 SRCGROUP FOOD FOOD
 SRCGROUP EMER_GEN EMER_GEN

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

** DESCRREC "" ""

DISCCART	654286.60	4183476.34	0.00	0.00
DISCCART	654306.41	4183463.42	0.00	0.00
DISCCART	654374.47	4183432.41	0.00	0.00
DISCCART	654304.11	4183420.43	0.00	0.00
DISCCART	654317.70	4183412.81	0.00	0.00
DISCCART	654314.10	4183389.90	0.00	0.00
DISCCART	654313.19	4183373.41	0.00	0.00
DISCCART	654346.45	4183349.94	0.00	0.00

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DISCCART	654349.33	4183391.69	0.00	0.00
DISCCART	654314.95	4183353.04	0.00	0.00
DISCCART	654307.69	4183303.35	0.00	0.00
DISCCART	654308.42	4183275.37	0.00	0.00
DISCCART	654336.57	4183450.50	0.00	0.00
DISCCART	654307.69	4183303.35	0.00	0.00
DISCCART	654308.42	4183275.37	0.00	0.00
DISCCART	654254.98	4183496.06	0.00	0.00
DISCCART	654221.63	4183513.68	0.00	0.00
DISCCART	654188.90	4183532.56	0.00	0.00
DISCCART	654155.55	4183552.07	0.00	0.00
DISCCART	654130.38	4183566.54	0.00	0.00
DISCCART	654413.56	4183272.66	0.00	0.00
DISCCART	653937.81	4183699.96	0.00	0.00
DISCCART	653871.73	4183749.04	0.00	0.00

** DESCRREC "SENREC" "Sensitive Receptor"

DISCCART	654546.49	4184209.46	0.00	0.00
DISCCART	656306.28	4184011.61	0.00	0.00
DISCCART	656290.66	4184907.12	0.00	0.00
DISCCART	655093.17	4183589.89	0.00	0.00

** DESCRREC "" ""

DISCCART	654426.64	4183092.38	0.00	0.00
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** BEGIN OF NESTED GRID RECEPTORS

** END OF NESTED GRID RECEPTORS

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE METDAT~1\Stockton\STOC02.SFC

PROFFILE METDAT~1\Stockton\STOC02.PFL

SURFDATA 23237 2002

UAIRDATA 23230 2002 OAKLAND/WSO_AP

PROFBASE 0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE PERIOD LOWES_BL LOWES_V2.AD\PE00G001.PLT

PLOTFILE PERIOD LOWES_PA LOWES_V2.AD\PE00G002.PLT

PLOTFILE PERIOD RETAIL_T LOWES_V2.AD\PE00G003.PLT

PLOTFILE PERIOD TRK_WELL LOWES_V2.AD\PE00G004.PLT

PLOTFILE PERIOD DPM LOWES_V2.AD\PE00G005.PLT

PLOTFILE PERIOD FOOD LOWES_V2.AD\PE00G006.PLT

PLOTFILE 1 EMER_GEN 1ST LOWES_V2.AD\01H1G007.PLT

PLOTFILE PERIOD EMER_GEN LOWES_V2.AD\PE00G007.PLT

OU FINISHED

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

A Total of	0 Fatal Error Message(s)
A Total of	2 Warning Message(s)
A Total of	0 Informational Message(s)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

SO W320 252 PPARM :Input Parameter May Be Out-of-Range for Parameter VS
 SO W320 253 PPARM :Input Parameter May Be Out-of-Range for Parameter VS

 *** SETUP Finishes Successfully ***

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**MODELOPTs:

CONC PAGE 1
 DFAULT ELEV

*** MODEL SETUP OPTIONS SUMMARY

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

-- DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO GAS DRY DEPOSITION Data Provided.

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 1-HR
 and Calculates PERIOD Averages

**This Run Includes: 149 Source(s); 7 Source Group(s); and 28
 Receptor(s)

**The Model Assumes A Pollutant Type of: TOX

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

**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)

**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) = 0.00 ; 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 = 1.4 MB of RAM.

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**MODELOPTs:

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 DFAULT ELEV

*** POINT SOURCE DATA ***

STACK SOURCE VEL. DIAMETER ID (M/SEC) (METERS)	NUMBER BLDG PART. EXISTS CATS.	EMISSION RATE (GRAMS/SEC)	EMIS RATE X SCALAR (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT
--	--------------------------------------	------------------------------	--------------------------------------	---------------	---------------------------	-----------------------------	---------------------------	---------------

FOOD	0	0.36161E-08	653971.1	4183439.8	0.0	9.14	366.48	
6.15 0.31	YES	NO	NO					
WELL	0	0.19782E-03	654227.6	4183324.0	0.0	3.84	366.00	
51.71 0.10	YES	NO	NO	HROFDY				
EMER_GEN	0	0.30617E-03	654254.7	4183411.5	0.0	3.66	776.00	
71.83 0.20	YES	NO	NO	HROFDY				

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**MODELOPTs:

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 DFAULT ELEV

*** VOLUME SOURCE DATA ***

INIT. SOURCE ID (METERS)	NUMBER URBAN EMISSION PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	EMIS RATE X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	SZ
-----------------------------------	---	------------------------------	----------------------------	---------------	---------------------------	-------------------------------	-------------------------	----

L0005723	0	0.12817E-05	654085.9	4183541.8	0.0	1.83	3.33	
0.43 NO		HROFDY						

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L0005724	0 0.12817E-05	654082.4	4183535.5	0.0	1.83	3.33
0.43 NO	HROFDY					
L0005725	0 0.12817E-05	654078.9	4183529.2	0.0	1.83	3.33
0.43 NO	HROFDY					
L0005726	0 0.12817E-05	654075.4	4183523.0	0.0	1.83	3.33
0.43 NO	HROFDY					
L0005727	0 0.12817E-05	654071.9	4183516.8	0.0	1.83	3.33
0.43 NO	HROFDY					
L0005728	0 0.12817E-05	654068.4	4183510.2	0.0	1.83	3.33
0.43 NO	HROFDY					
L0005729	0 0.12817E-05	654064.9	4183504.0	0.0	1.83	3.33
0.43 NO	HROFDY					
L0005730	0 0.12817E-05	654061.4	4183497.8	0.0	1.83	3.33
0.43 NO	HROFDY					
L0005731	0 0.12817E-05	654057.9	4183491.5	0.0	1.83	3.33
0.43 NO	HROFDY					
L0005732	0 0.12817E-05	654052.9	4183486.5	0.0	1.83	3.36
0.43 NO	HROFDY					
L0005733	0 0.12817E-05	654047.4	4183482.0	0.0	1.83	3.36
0.43 NO	HROFDY					
L0005734	0 0.12817E-05	654041.8	4183477.2	0.0	1.83	3.36
0.43 NO	HROFDY					
L0005735	0 0.12817E-05	654036.2	4183472.8	0.0	1.83	3.36
0.43 NO	HROFDY					
L0005736	0 0.12817E-05	654030.6	4183473.0	0.0	1.83	2.99
0.43 NO	HROFDY					
L0005737	0 0.12817E-05	654024.6	4183475.2	0.0	1.83	2.99
0.43 NO	HROFDY					
L0005738	0 0.12817E-05	654018.5	4183477.5	0.0	1.83	2.99
0.43 NO	HROFDY					
L0005739	0 0.12817E-05	654012.5	4183479.8	0.0	1.83	2.99
0.43 NO	HROFDY					
L0005740	0 0.12817E-05	654006.4	4183482.0	0.0	1.83	2.99
0.43 NO	HROFDY					
L0005741	0 0.12817E-05	654000.0	4183482.8	0.0	1.83	3.05
0.43 NO	HROFDY					
L0005742	0 0.12817E-05	653998.1	4183487.5	0.0	1.83	3.08
0.43 NO	HROFDY					
L0005743	0 0.12817E-05	653998.0	4183494.2	0.0	1.83	3.08
0.43 NO	HROFDY					
L0005744	0 0.12817E-05	653997.9	4183500.8	0.0	1.83	3.08
0.43 NO	HROFDY					
L0005745	0 0.12817E-05	653997.8	4183507.5	0.0	1.83	3.08
0.43 NO	HROFDY					
L0005746	0 0.12817E-05	653997.7	4183514.0	0.0	1.83	3.08
0.43 NO	HROFDY					
L0005747	0 0.12817E-05	653997.6	4183520.8	0.0	1.83	3.08
0.43 NO	HROFDY					
L0005748	0 0.12817E-05	653997.9	4183525.8	0.0	1.83	2.38
0.43 NO	HROFDY					
L0005749	0 0.12817E-05	653998.6	4183530.8	0.0	1.83	2.38
0.43 NO	HROFDY					
L0005750	0 0.12817E-05	653999.2	4183536.0	0.0	1.83	2.38
0.43 NO	HROFDY					
L0005751	0 0.12817E-05	653997.8	4183539.5	0.0	1.83	2.00
0.43 NO	HROFDY					
L0005752	0 0.12817E-05	653994.8	4183542.8	0.0	1.83	2.00
0.43 NO	HROFDY					
L0005753	0 0.12817E-05	653988.2	4183544.0	0.0	1.83	3.28
0.43 NO	HROFDY					
L0005754	0 0.12817E-05	653981.2	4183544.0	0.0	1.83	3.28
0.43 NO	HROFDY					
L0005755	0 0.12817E-05	653974.1	4183544.0	0.0	1.83	3.28

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0.43	NO	HROFDY	0	0.12817E-05	653967.1	4183544.2	0.0	1.83	3.28
0.43	NO	HROFDY	0	0.12817E-05	653960.0	4183544.2	0.0	1.83	3.28
0.43	NO	HROFDY	0	0.12817E-05	653952.9	4183544.2	0.0	1.83	3.28
0.43	NO	HROFDY	0	0.12817E-05	653948.2	4183541.0	0.0	1.83	2.89
0.43	NO	HROFDY	0	0.12817E-05	653944.1	4183536.2	0.0	1.83	2.89
0.43	NO	HROFDY	0	0.12817E-05	653940.0	4183531.5	0.0	1.83	2.89
0.43	NO	HROFDY	0	0.12817E-05	653938.9	4183525.5	0.0	1.83	3.01

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*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	BASE	RELEASE	INIT.	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.					
(METERS)	BY					
L0005763	0	0.12817E-05	653938.9	4183519.2	0.0	1.83
0.43 NO	HROFDY					
L0005764	0	0.12817E-05	653939.0	4183512.8	0.0	1.83
0.43 NO	HROFDY					
L0005765	0	0.12817E-05	653939.1	4183506.2	0.0	1.83
0.43 NO	HROFDY					
L0005766	0	0.12817E-05	653939.1	4183499.8	0.0	1.83
0.43 NO	HROFDY					
L0005767	0	0.12817E-05	653939.2	4183493.2	0.0	1.83
0.43 NO	HROFDY					
L0005768	0	0.12817E-05	653939.3	4183486.8	0.0	1.83
0.43 NO	HROFDY					
L0005769	0	0.12817E-05	653942.0	4183483.0	0.0	1.83
0.43 NO	HROFDY					
L0005770	0	0.12817E-05	653946.1	4183479.8	0.0	1.83
0.43 NO	HROFDY					
L0005771	0	0.12817E-05	653952.9	4183478.8	0.0	1.83
0.43 NO	HROFDY					
L0005772	0	0.12817E-05	653960.1	4183479.0	0.0	1.83
0.43 NO	HROFDY					
L0005773	0	0.12817E-05	653967.3	4183479.0	0.0	1.83
0.43 NO	HROFDY					
L0005774	0	0.12817E-05	653974.5	4183479.2	0.0	1.83
0.43 NO	HROFDY					
L0005775	0	0.12817E-05	653981.7	4183479.2	0.0	1.83
0.43 NO	HROFDY					

		G5 - LOWES_v2.ADO				
L0005776	0 0.12817E-05	653988.9	4183479.2	0.0	1.83	3.34
0.43 NO	HROFDY					
L0005777	0 0.12817E-05	653996.1	4183479.5	0.0	1.83	3.34
0.43 NO	HROFDY					
L0005778	0 0.13189E-05	654289.2	4183436.5	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005779	0 0.13189E-05	654286.1	4183430.5	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005780	0 0.13189E-05	654282.9	4183424.5	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005781	0 0.13189E-05	654279.8	4183418.2	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005782	0 0.13189E-05	654276.6	4183412.2	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005783	0 0.13189E-05	654273.5	4183406.0	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005784	0 0.13189E-05	654270.4	4183400.0	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005785	0 0.13189E-05	654267.2	4183393.8	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005786	0 0.13189E-05	654264.1	4183387.8	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005787	0 0.13189E-05	654261.0	4183381.5	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005788	0 0.13189E-05	654257.9	4183375.5	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005789	0 0.13189E-05	654254.8	4183369.2	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005790	0 0.13189E-05	654251.6	4183363.2	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005791	0 0.13189E-05	654248.5	4183357.0	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005792	0 0.13189E-05	654245.3	4183351.0	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005793	0 0.13189E-05	654242.2	4183345.0	0.0	5.33	3.20
4.96 NO	HROFDY					
L0005794	0 0.13189E-05	654243.4	4183338.2	0.0	5.33	3.39
4.96 NO	HROFDY					
L0005795	0 0.13189E-05	654246.2	4183331.5	0.0	5.33	3.39
4.96 NO	HROFDY					
L0005796	0 0.13189E-05	654248.9	4183324.8	0.0	5.33	3.39
4.96 NO	HROFDY					
L0005797	0 0.13189E-05	654251.6	4183318.0	0.0	5.33	3.39
4.96 NO	HROFDY					
L0005798	0 0.13189E-05	654254.4	4183311.2	0.0	5.33	3.39
4.96 NO	HROFDY					
L0005799	0 0.13189E-05	654257.1	4183304.5	0.0	5.33	3.39
4.96 NO	HROFDY					
L0005800	0 0.13189E-05	654259.9	4183297.8	0.0	5.33	3.39
4.96 NO	HROFDY					
L0005801	0 0.13189E-05	654256.8	4183294.8	0.0	5.33	2.72
4.96 NO	HROFDY					
L0005802	0 0.13189E-05	654251.2	4183292.8	0.0	5.33	2.72
4.96 NO	HROFDY					

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*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	BASE	RELEASE	INIT.	
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT
SOURCE	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY				
(METERS)						
L0005803	0	0.13189E-05	654245.7	4183291.0	0.0	5.33
4.96 NO	HROFDY					2.72
L0005804	0	0.13189E-05	654240.2	4183289.0	0.0	5.33
4.96 NO	HROFDY					2.72
L0005805	0	0.13189E-05	654233.8	4183290.5	0.0	5.33
4.96 NO	HROFDY					3.19
L0005806	0	0.13189E-05	654227.5	4183293.0	0.0	5.33
4.96 NO	HROFDY					3.19
L0005807	0	0.13189E-05	654221.2	4183295.8	0.0	5.33
4.96 NO	HROFDY					3.19
L0005808	0	0.13189E-05	654214.8	4183298.2	0.0	5.33
4.96 NO	HROFDY					3.19
L0005809	0	0.13189E-05	654208.5	4183301.0	0.0	5.33
4.96 NO	HROFDY					3.19
L0005810	0	0.13189E-05	654202.2	4183303.8	0.0	5.33
4.96 NO	HROFDY					3.19
L0005811	0	0.13189E-05	654195.9	4183306.2	0.0	5.33
4.96 NO	HROFDY					3.19
L0005812	0	0.13189E-05	654189.9	4183309.2	0.0	5.33
4.96 NO	HROFDY					3.11
L0005813	0	0.13189E-05	654183.9	4183312.5	0.0	5.33
4.96 NO	HROFDY					3.11
L0005814	0	0.13189E-05	654178.1	4183315.5	0.0	5.33
4.96 NO	HROFDY					3.11
L0005815	0	0.13189E-05	654172.1	4183318.8	0.0	5.33
4.96 NO	HROFDY					3.11
L0005816	0	0.13189E-05	654166.2	4183321.8	0.0	5.33
4.96 NO	HROFDY					3.11
L0005817	0	0.13189E-05	654160.2	4183325.0	0.0	5.33
4.96 NO	HROFDY					3.11
L0005818	0	0.13189E-05	654154.4	4183328.0	0.0	5.33
4.96 NO	HROFDY					3.11
L0005819	0	0.13189E-05	654148.4	4183331.2	0.0	5.33
4.96 NO	HROFDY					3.11
L0005820	0	0.13189E-05	654142.6	4183334.2	0.0	5.33
4.96 NO	HROFDY					3.09
L0005821	0	0.13189E-05	654136.8	4183337.5	0.0	5.33
4.96 NO	HROFDY					3.09
L0005822	0	0.13189E-05	654130.9	4183340.8	0.0	5.33
4.96 NO	HROFDY					3.09
L0005823	0	0.13189E-05	654125.1	4183343.8	0.0	5.33
4.96 NO	HROFDY					3.09
L0005824	0	0.13189E-05	654119.2	4183347.0	0.0	5.33
4.96 NO	HROFDY					3.09
L0005825	0	0.13189E-05	654113.4	4183350.2	0.0	5.33
4.96 NO	HROFDY					3.09
L0005826	0	0.13189E-05	654107.6	4183353.5	0.0	5.33
4.96 NO	HROFDY					3.09
L0005681	0	0.12588E-05	654105.8	4183358.5	0.0	1.83
0.43 NO	HROFDY					3.27

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L0005682	0	0.12588E-05	654099.7	4183361.8	0.0	3.27
0.43 NO	HROFDY					
L0005683	0	0.12588E-05	654093.6	4183365.2	0.0	3.27
0.43 NO	HROFDY					
L0005684	0	0.12588E-05	654087.4	4183368.8	0.0	3.27
0.43 NO	HROFDY					
L0005685	0	0.12588E-05	654081.2	4183372.0	0.0	3.27
0.43 NO	HROFDY					
L0005686	0	0.12588E-05	654075.1	4183375.5	0.0	3.27
0.43 NO	HROFDY					
L0005687	0	0.12588E-05	654069.0	4183379.0	0.0	3.27
0.43 NO	HROFDY					
L0005688	0	0.12588E-05	654062.8	4183382.2	0.0	3.27
0.43 NO	HROFDY					
L0005689	0	0.12588E-05	654056.7	4183385.8	0.0	3.27
0.43 NO	HROFDY					
L0005690	0	0.12588E-05	654050.6	4183389.2	0.0	3.27
0.43 NO	HROFDY					
L0005691	0	0.12588E-05	654044.4	4183392.5	0.0	3.27
0.43 NO	HROFDY					
L0005692	0	0.12588E-05	654038.2	4183396.0	0.0	3.27
0.43 NO	HROFDY					
L0005693	0	0.12588E-05	654032.1	4183399.5	0.0	3.27
0.43 NO	HROFDY					
L0005694	0	0.12588E-05	654025.9	4183402.8	0.0	3.27
0.43 NO	HROFDY					
L0005695	0	0.12588E-05	654019.8	4183406.2	0.0	3.27
0.43 NO	HROFDY					
L0005696	0	0.12588E-05	654013.7	4183409.8	0.0	3.27
0.43 NO	HROFDY					

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 CONC DFAULT ELEV

*** VOLUME SOURCE DATA ***								
INIT.	URBAN	NUMBER EMISSION RATE			BASE	RELEASE	INIT.	
SOURCE	SOURCE	EMISSION RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR VARY	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)	CATS.	BY						

L0005697	0	0.12588E-05	654007.6	4183413.0	0.0	1.83	3.27	
0.43 NO	HROFDY							
L0005698	0	0.12588E-05	654005.2	4183417.8	0.0	1.83	2.67	
0.43 NO	HROFDY							
L0005699	0	0.12588E-05	654004.1	4183423.5	0.0	1.83	2.67	
0.43 NO	HROFDY							
L0005700	0	0.12588E-05	654005.4	4183428.5	0.0	1.83	2.61	
0.43 NO	HROFDY							
L0005701	0	0.12588E-05	654008.0	4183433.5	0.0	1.83	2.61	
0.43 NO	HROFDY							
L0005702	0	0.12588E-05	654010.5	4183438.5	0.0	1.83	2.61	

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0.43	NO	HROFDY					
L0005703	0	0.12588E-05	654013.1	4183443.5	0.0	1.83	2.61
0.43	NO	HROFDY					
L0005704	0	0.12588E-05	654017.4	4183448.2	0.0	1.83	3.03
0.43	NO	HROFDY					
L0005705	0	0.12588E-05	654022.4	4183452.5	0.0	1.83	3.03
0.43	NO	HROFDY					
L0005706	0	0.12588E-05	654027.3	4183456.8	0.0	1.83	3.03
0.43	NO	HROFDY					
L0005707	0	0.12588E-05	654032.2	4183461.0	0.0	1.83	3.03
0.43	NO	HROFDY					
L0005708	0	0.12588E-05	654037.8	4183463.5	0.0	1.83	2.86
0.43	NO	HROFDY					
L0005709	0	0.12588E-05	654043.8	4183465.0	0.0	1.83	2.86
0.43	NO	HROFDY					
L0005710	0	0.12588E-05	654049.2	4183469.2	0.0	1.83	3.33
0.43	NO	HROFDY					
L0005711	0	0.12588E-05	654054.4	4183474.2	0.0	1.83	3.33
0.43	NO	HROFDY					
L0005712	0	0.12588E-05	654059.4	4183479.2	0.0	1.83	3.33
0.43	NO	HROFDY					
L0005713	0	0.12588E-05	654064.5	4183484.5	0.0	1.83	3.33
0.43	NO	HROFDY					
L0005714	0	0.12588E-05	654069.6	4183489.5	0.0	1.83	3.33
0.43	NO	HROFDY					
L0005715	0	0.12588E-05	654074.6	4183494.5	0.0	1.83	3.33
0.43	NO	HROFDY					
L0005716	0	0.12588E-05	654078.1	4183500.5	0.0	1.83	3.23
0.43	NO	HROFDY					
L0005717	0	0.12588E-05	654080.9	4183506.8	0.0	1.83	3.23
0.43	NO	HROFDY					
L0005718	0	0.12588E-05	654083.8	4183513.0	0.0	1.83	3.23
0.43	NO	HROFDY					
L0005719	0	0.12588E-05	654086.6	4183519.2	0.0	1.83	3.23
0.43	NO	HROFDY					
L0005720	0	0.12588E-05	654089.5	4183525.8	0.0	1.83	3.23
0.43	NO	HROFDY					
L0005721	0	0.12588E-05	654092.3	4183532.0	0.0	1.83	3.23
0.43	NO	HROFDY					
L0005722	0	0.12588E-05	654095.2	4183538.2	0.0	1.83	3.23

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

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TRK_WELL WELL ,

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

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L0005719, L0005720, L0005721, L0005722,

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EMER_GEN  EMER_GEN,  
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CONC DEFAULT ELEV

*** DIRECTION SPECIFIC BUILDING DIMENSIONS

* * *

SOURCE ID: FOOD

	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ
1 3.3, 3 1.3, 5 -0.8, 7 -2.8, 9 -4.5, 11 -5.6,	7.6,	33.8,	20.9,	-14.9,	4.1,	2	7.6,	33.1,	15.9,	-13.1,
	7.6,	32.2,	12.7,	-12.0,	2.3,	4	7.6,	33.5,	18.0,	-14.9,
	7.6,	33.8,	22.7,	-17.4,	0.3,	6	7.6,	33.1,	26.7,	-19.4,
	7.6,	31.4,	29.9,	-20.8,	-1.8,	8	7.6,	28.8,	32.2,	-21.5,
	7.6,	25.2,	33.5,	-21.6,	-3.7,	10	7.6,	20.9,	33.8,	-21.0,
	7.6,	15.9,	33.1,	-19.8,	-5.2,	12	7.6,	12.7,	32.2,	-18.4,

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13	7.6,	18.0,	33.5,	-18.1,	-6.0,	14	7.6,	22.7,	33.8,	-17.2,
-6.1,										
15	7.6,	26.7,	33.1,	-15.8,	-6.1,	16	7.6,	29.9,	31.4,	-13.9,
-5.8,										
17	7.6,	32.2,	28.8,	-11.6,	-5.4,	18	7.6,	33.5,	25.2,	-8.9,
-4.8,										
19	7.6,	33.8,	20.9,	-5.9,	-4.1,	20	7.6,	33.1,	15.9,	-2.8,
-3.3,										
21	7.6,	32.2,	12.7,	-0.7,	-2.3,	22	7.6,	33.5,	18.0,	-3.0,
-1.3,										
23	7.6,	33.8,	22.7,	-5.2,	-0.3,	24	7.6,	33.1,	26.7,	-7.3,
0.8,										
25	7.6,	31.4,	29.9,	-9.1,	1.8,	26	7.6,	28.8,	32.2,	-10.7,
2.8,										
27	7.6,	25.2,	33.5,	-11.9,	3.7,	28	7.6,	20.9,	33.8,	-12.8,
4.5,										
29	7.6,	15.9,	33.1,	-13.3,	5.2,	30	7.6,	12.7,	32.2,	-13.8,
5.6,										
31	7.6,	18.0,	33.5,	-15.5,	6.0,	32	7.6,	22.7,	33.8,	-16.7,
6.1,										
33	7.6,	26.7,	33.1,	-17.4,	6.1,	34	7.6,	29.9,	31.4,	-17.5,
5.8,										
35	7.6,	32.2,	28.8,	-17.2,	5.4,	36	7.6,	33.5,	25.2,	-16.3,
4.8,										

SOURCE ID: WELL

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ
YADJ										
1	10.7,	131.0,	152.9,	0.2,	40.5,	2	10.7,	121.6,	140.6,	-1.5,
50.4,										
3	10.7,	112.3,	126.0,	-3.7,	59.2,	4	10.7,	129.6,	135.8,	-19.4,
69.8,										
5	0.0,	0.0,	0.0,	0.0,	0.0,	6	0.0,	0.0,	0.0,	0.0,
0.0,										
7	10.7,	161.1,	151.0,	-72.4,	85.5,	8	10.7,	163.3,	147.0,	-86.4,
85.1,										
9	10.7,	160.5,	138.5,	-97.7,	82.1,	10	10.7,	152.9,	131.0,	-106.0,
76.6,										
11	10.7,	140.6,	121.6,	-111.2,	68.8,	12	10.7,	126.0,	112.3,	-115.3,
59.3,										
13	10.7,	135.8,	129.6,	-134.6,	48.5,	14	10.7,	145.4,	142.9,	-149.7,
34.3,										
15	10.7,	150.5,	154.1,	-160.3,	19.0,	16	10.7,	151.0,	161.1,	-166.1,
3.1,										
17	10.7,	147.0,	163.3,	-166.8,	-12.9,	18	10.7,	138.5,	160.5,	-162.4,
-28.4,										
19	10.7,	131.0,	152.9,	-153.1,	-40.5,	20	10.7,	121.6,	140.6,	-139.1,
-50.4,										
21	10.7,	112.3,	126.0,	-122.3,	-59.2,	22	10.7,	129.6,	135.8,	-116.4,
-69.8,										
23	0.0,	0.0,	0.0,	0.0,	0.0,	24	0.0,	0.0,	0.0,	0.0,
0.0,										
25	10.7,	161.1,	151.0,	-78.6,	-85.5,	26	10.7,	163.3,	147.0,	-60.7,
-85.1,										
27	10.7,	160.5,	138.5,	-40.8,	-82.1,	28	10.7,	152.9,	131.0,	-25.0,
-76.6,										
29	10.7,	140.6,	121.6,	-10.4,	-68.8,	30	10.7,	126.0,	112.3,	3.0,
-59.3,										
31	10.7,	135.8,	129.6,	5.0,	-48.5,	32	10.7,	145.4,	142.9,	6.8,
-34.3,										
33	10.7,	150.5,	154.1,	6.3,	-19.0,	34	10.7,	151.0,	161.1,	4.9,
-3.1,										

35 10.7, 147.0, 163.3, 3.4, 12.9, 36 10.7, 138.5, 160.5, 1.9,
28.4,

SOURCE	ID: EMER_GEN	IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ
1	10.7,	131.0,	152.9,	-90.6,	52.0,	2	10.7,	121.6,	140.6,	-92.9,		
3	10.7,	112.3,	126.0,	-93.0,	38.9,	4	10.7,	129.6,	135.8,	-103.8,		
5	10.7,	142.9,	145.4,	-115.4,	28.7,	6	10.7,	154.1,	150.5,	-123.5,		
7	10.7,	161.1,	151.0,	-127.8,	12.6,	8	10.7,	163.3,	147.0,	-128.3,		
9	10.7,	160.5,	138.5,	-124.8,	-5.3,	10	10.7,	152.9,	131.0,	-117.6,		
11	10.7,	140.6,	121.6,	-106.7,	-22.6,	12	10.7,	126.0,	112.3,	-95.1,		
13	10.7,	135.8,	129.6,	-99.1,	-35.9,	14	10.7,	145.4,	142.9,	-100.1,		
15	10.7,	150.5,	154.1,	-98.1,	-48.2,	16	10.7,	151.0,	161.1,	-93.2,		
17	10.7,	147.0,	163.3,	-85.3,	-54.8,	18	10.7,	138.5,	160.5,	-74.9,		
19	10.7,	131.0,	152.9,	-62.2,	-52.0,	20	10.7,	121.6,	140.6,	-47.6,		
21	10.7,	112.3,	126.0,	-33.0,	-38.9,	22	10.7,	129.6,	135.8,	-32.0,		
23	10.7,	142.9,	145.4,	-29.9,	-28.7,	24	10.7,	154.1,	150.5,	-27.0,		
25	10.7,	161.1,	151.0,	-23.2,	-12.6,	26	10.7,	163.3,	147.0,	-18.8,		
27	10.7,	160.5,	138.5,	-13.7,	5.3,	28	10.7,	152.9,	131.0,	-13.5,		
29	10.7,	140.6,	121.6,	-14.9,	22.6,	30	10.7,	126.0,	112.3,	-17.2,		
31	10.7,	135.8,	129.6,	-30.5,	35.9,	32	10.7,	145.4,	142.9,	-42.8,		
33	10.7,	150.5,	154.1,	-55.9,	48.2,	34	10.7,	151.0,	161.1,	-68.0,		
35	10.7,	147.0,	163.3,	-78.0,	54.8,	36	10.7,	138.5,	160.5,	-85.6,		

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**MODELOPTs:

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DFAULT ELEV

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

G5 - LOWES_v2.ADO

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

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

SOURCE ID = L0005723 ;		SOURCE TYPE = VOLUME ;			
1	.00000E+00	2	.00000E+00	3	.00000E+00
5	.00000E+00	6	.00000E+00	4	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01
11	.10000E+01	12	.10000E+01	10	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01
17	.10000E+01	18	.10000E+01	16	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00
23	.00000E+00	24	.00000E+00	22	.00000E+00

SOURCE ID = L0005724 ;		SOURCE TYPE = VOLUME ;			
1	.00000E+00	2	.00000E+00	3	.00000E+00
5	.00000E+00	6	.00000E+00	4	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01
11	.10000E+01	12	.10000E+01	10	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01
17	.10000E+01	18	.10000E+01	16	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00
23	.00000E+00	24	.00000E+00	22	.00000E+00

SOURCE ID = L0005725 ;		SOURCE TYPE = VOLUME ;			
1	.00000E+00	2	.00000E+00	3	.00000E+00
5	.00000E+00	6	.00000E+00	4	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01
11	.10000E+01	12	.10000E+01	10	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01
17	.10000E+01	18	.10000E+01	16	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00
23	.00000E+00	24	.00000E+00	22	.00000E+00

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 * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005726 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005727 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005728 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005729 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005730 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---

SOURCE ID = L0005731 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005732 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005733 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005734 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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SOURCE ID = L0005735 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005736 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005737 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005738 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

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SOURCE ID = L0005739 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005740 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 DFAULT ELEV

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005741 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005742 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005743 ; SOURCE TYPE = VOLUME :
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1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005744 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005745 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24

SOURCE ID = L0005746 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005747 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

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5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005748 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005749 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005750 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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DFAULT ELEV

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
---	---	---	---	---	---	---	---

SOURCE ID = L0005751 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				

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11	7	.10000E+01	12	8	.10000E+01	15	9	.10000E+01	16	10	.10000E+01
	13	.10000E+01		14	.10000E+01						
17	19	.00000E+00	24	20	.00000E+00	21	21	.00000E+00	22	22	.00000E+00
23	23	.00000E+00									

SOURCE ID = L0005752 ; SOURCE TYPE = VOLUME :

5	1	.00000E+00	6	2	.00000E+00	15	3	.00000E+00	16	4	.00000E+00
	7	.10000E+01		8	.10000E+01		9	.10000E+01		10	.10000E+01
11	13	.10000E+01	12	14	.10000E+01	15	15	.10000E+01	16	16	.10000E+01
17	19	.00000E+00	24	20	.00000E+00	21	21	.00000E+00	22	22	.00000E+00
23	23	.00000E+00									

SOURCE ID = L0005753 ; SOURCE TYPE = VOLUME :

5	1	.00000E+00	6	2	.00000E+00	15	3	.00000E+00	16	4	.00000E+00
	7	.10000E+01		8	.10000E+01		9	.10000E+01		10	.10000E+01
11	13	.10000E+01	12	14	.10000E+01	15	15	.10000E+01	16	16	.10000E+01
17	19	.00000E+00	24	20	.00000E+00	21	21	.00000E+00	22	22	.00000E+00
23	23	.00000E+00									

SOURCE ID = L0005754 ; SOURCE TYPE = VOLUME :

5	1	.00000E+00	6	2	.00000E+00	15	3	.00000E+00	16	4	.00000E+00
	7	.10000E+01		8	.10000E+01		9	.10000E+01		10	.10000E+01
11	13	.10000E+01	12	14	.10000E+01	15	15	.10000E+01	16	16	.10000E+01
17	19	.00000E+00	24	20	.00000E+00	21	21	.00000E+00	22	22	.00000E+00
23	23	.00000E+00									

SOURCE ID = L0005755 ; SOURCE TYPE = VOLUME :

5	1	.00000E+00	6	2	.00000E+00	15	3	.00000E+00	16	4	.00000E+00
	7	.10000E+01		8	.10000E+01		9	.10000E+01		10	.10000E+01
11	13	.10000E+01	12	14	.10000E+01	15	15	.10000E+01	16	16	.10000E+01
17	19	.00000E+00	24	20	.00000E+00	21	21	.00000E+00	22	22	.00000E+00
23	23	.00000E+00									

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

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HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.00000E+00
9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005756 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.00000E+00
9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005757 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.00000E+00
9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005758 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.00000E+00
9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005759 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.00000E+00
9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005760 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.00000E+00
9	.00000E+00	10	.00000E+00	11	.00000E+00	12	.00000E+00
13	.00000E+00	14	.00000E+00	15	.00000E+00	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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DFAULT ELEV

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005761 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005762 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005763 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005764 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005765 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

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5	.00000E+00	6	.00000E+00						
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01		
11	.10000E+01	12	.10000E+01						
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.10000E+01						
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005766 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005767 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005768 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005769 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00

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11	7	.10000E+01	12	8	.10000E+01	15	9	.10000E+01	16	10	.10000E+01
	13	.10000E+01		14	.10000E+01		15	.10000E+01		16	.10000E+01
17	19	.00000E+00	24	20	.00000E+00	21	21	.00000E+00	22	22	.00000E+00
23	23	.00000E+00	24	24	.00000E+00						

SOURCE ID = L0005770 ; SOURCE TYPE = VOLUME :

5	1	.00000E+00	6	2	.00000E+00	3	3	.00000E+00	4	4	.00000E+00
	7	.10000E+01		8	.10000E+01		9	.10000E+01		10	.10000E+01
11	13	.10000E+01	12	14	.10000E+01	15	15	.10000E+01	16	16	.10000E+01
17	19	.00000E+00	18	20	.00000E+00	21	21	.00000E+00	22	22	.00000E+00
23	23	.00000E+00	24	24	.00000E+00						

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005771 ; SOURCE TYPE = VOLUME :

5	1	.00000E+00	6	2	.00000E+00	3	3	.00000E+00	4	4	.00000E+00
	7	.10000E+01		8	.10000E+01		9	.10000E+01		10	.10000E+01
11	13	.10000E+01	12	14	.10000E+01	15	15	.10000E+01	16	16	.10000E+01
17	19	.00000E+00	18	20	.00000E+00	21	21	.00000E+00	22	22	.00000E+00
23	23	.00000E+00	24	24	.00000E+00						

SOURCE ID = L0005772 ; SOURCE TYPE = VOLUME :

5	1	.00000E+00	6	2	.00000E+00	3	3	.00000E+00	4	4	.00000E+00
	7	.10000E+01		8	.10000E+01		9	.10000E+01		10	.10000E+01
11	13	.10000E+01	12	14	.10000E+01	15	15	.10000E+01	16	16	.10000E+01
17	19	.00000E+00	18	20	.00000E+00	21	21	.00000E+00	22	22	.00000E+00
23	23	.00000E+00	24	24	.00000E+00						

SOURCE ID = L0005773 ; SOURCE TYPE = VOLUME :

5	1	.00000E+00	6	2	.00000E+00	3	3	.00000E+00	4	4	.00000E+00
	7	.10000E+01		8	.10000E+01		9	.10000E+01		10	.10000E+01

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11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005774 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005775 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -

SOURCE ID = L0005776 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005777 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				

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13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005778 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005779 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005780 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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**MODELOPTs:

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -

SOURCE ID = L0005781 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01

17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005783 ,		SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01		
11	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.10000E+01						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0005785 ;		SOURCE TYPE = VOLUME :					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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**MODELOPTs:

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* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

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SOURCE ID = L0005786 ; SOURCE TYPE = VOLUME :
  1 .00000E+00  2 .00000E+00  3 .00000E+00  4 .00000E+00
  5 .00000E+00  6 .00000E+00
  7 .10000E+01  8 .10000E+01  9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

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SOURCE ID = L0005787 ; SOURCE TYPE = VOLUME :
  1 .00000E+00  2 .00000E+00  3 .00000E+00  4 .00000E+00
  5 .00000E+00  6 .00000E+00
  7 .10000E+01  8 .10000E+01  9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0005788 ; SOURCE TYPE = VOLUME :
  1 .00000E+00  2 .00000E+00  3 .00000E+00  4 .00000E+00
  5 .00000E+00  6 .00000E+00
  7 .10000E+01  8 .10000E+01  9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0005789 ; SOURCE TYPE = VOLUME :
  1 .00000E+00  2 .00000E+00  3 .00000E+00  4 .00000E+00
  5 .00000E+00  6 .00000E+00
  7 .10000E+01  8 .10000E+01  9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0005790 ; SOURCE TYPE = VOLUME :
  1 .00000E+00  2 .00000E+00  3 .00000E+00  4 .00000E+00
  5 .00000E+00  6 .00000E+00
  7 .10000E+01  8 .10000E+01  9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

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***

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**MODELOPTs:

CONC

DFAULT ELEV

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005791 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005792 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005793 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005794 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005795 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01

13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.10000E+01					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

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***                                ***
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CONC

DFAULT ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY *

[illegible]

SOURCE ID = L0005796 ;		SOURCE TYPE = VOLUME :			
1	.00000E+00	2	.00000E+00	3	.00000E+00
5	.00000E+00	6	.00000E+00	4	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01
11	.10000E+01	12	.10000E+01	10	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01
17	.10000E+01	18	.10000E+01	16	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00
23	.00000E+00	24	.00000E+00	22	.00000E+00

SOURCE ID = L0005797 ;		SOURCE TYPE = VOLUME :					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005798 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005799 ;		SOURCE TYPE = VOLUME :					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01

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17	.10000E+01	18	.10000E+01						
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0005800 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01		
11	.10000E+01	12	.10000E+01						
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.10000E+01						
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

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CONC

DFAULT ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0005801 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01		
11	.10000E+01	12	.10000E+01						
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.10000E+01						
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0005802 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01		
11	.10000E+01	12	.10000E+01						
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.10000E+01						
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0005803 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01		
11	.10000E+01	12	.10000E+01						
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.10000E+01						

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19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

SOURCE ID = L0005804 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

SOURCE ID = L0005805 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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**MODELOPTs:

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DFAULT ELEV

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0005806 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

SOURCE ID = L0005807 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00

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23 .00000E+00 24 .00000E+00

SOURCE ID = L0005808 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005809 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005810 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005811 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

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SOURCE ID = L0005812 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005813 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005814 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005815 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

G5 - LOWES_v2.ADO

SOURCE ID = L0005816 ,		SOURCE TYPE = VOLUME :					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005817 ;		SOURCE TYPE = VOLUME :					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005818 ;		SOURCE TYPE = VOLUME :					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005819 ,		SOURCE TYPE = VOLUME :			
1	.00000E+00	2	.00000E+00	3	.00000E+00
5	.00000E+00	6	.00000E+00	4	.00000E+00
7	.10000E+01	8	.10000E+01	9	.10000E+01
11	.10000E+01	12	.10000E+01	10	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01
17	.10000E+01	18	.10000E+01	16	.10000E+01
19	.00000E+00	20	.00000E+00	21	.00000E+00
23	.00000E+00	24	.00000E+00	22	.00000E+00

SOURCE ID = L0005820 ;		SOURCE TYPE = VOLUME :					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005821 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005822 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005823 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005824 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005825 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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23 .00000E+00 24 .00000E+00

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005826 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

SOURCE ID = L0005681 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

SOURCE ID = L0005682 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

SOURCE ID = L0005683 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0005684 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005685 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005686 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005687 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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SOURCE ID = L0005688 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005689 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

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DFAULT ELEV

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	1	2	2	3	3	4	4
5	5	6	6	7	7	8	8
11	11	12	12	13	13	14	14
17	17	18	18	19	19	20	20
23	23	24	24	25	25	26	26

SOURCE ID = L0005690 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0005691 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
 5 .00000E+00 6 .00000E+00
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .10000E+01
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

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SOURCE ID = L0005692 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005693 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005694 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005695 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005696 ; SOURCE TYPE = VOLUME :
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1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005697 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005698 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005699 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
---	---	---	---	---	---	---	---

SOURCE ID = L0005700 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

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5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005701 ; SOURCE TYPE = VOLUME :

	1 .00000E+00		2 .00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005702 ; SOURCE TYPE = VOLUME :

	1 .00000E+00		2 .00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005703 ; SOURCE TYPE = VOLUME :

	1 .00000E+00		2 .00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005704 ; SOURCE TYPE = VOLUME :

	1 .00000E+00		2 .00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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**MODELOPTs:

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

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HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005705 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005706 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005707 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005708 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005709 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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**MODELOPTs:

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 DFAULT ELEV

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	5	.00000E+00	9	.10000E+01	13	.10000E+01
2	.00000E+00	6	.00000E+00	10	.10000E+01	14	.10000E+01
3	.00000E+00	7	.10000E+01	11	.10000E+01	15	.10000E+01
4	.00000E+00	8	.10000E+01	12	.10000E+01	16	.10000E+01
5	.00000E+00	9	.10000E+01	13	.10000E+01	17	.10000E+01
6	.00000E+00	10	.10000E+01	14	.10000E+01	18	.10000E+01
7	.10000E+01	11	.10000E+01	15	.10000E+01	19	.00000E+00
8	.10000E+01	12	.10000E+01	16	.10000E+01	20	.00000E+00
9	.10000E+01	13	.10000E+01	17	.10000E+01	21	.00000E+00
10	.10000E+01	14	.10000E+01	18	.10000E+01	22	.00000E+00
11	.10000E+01	15	.10000E+01	19	.00000E+00	23	.00000E+00
12	.10000E+01	16	.10000E+01	20	.00000E+00		
13	.10000E+01	17	.10000E+01	21	.00000E+00		
14	.10000E+01	18	.10000E+01	22	.00000E+00		
15	.10000E+01	19	.00000E+00	23	.00000E+00		
16	.10000E+01	20	.00000E+00				
17	.10000E+01	21	.00000E+00				
18	.10000E+01	22	.00000E+00				
19	.00000E+00	23	.00000E+00				
20	.00000E+00						
21	.00000E+00						
22	.00000E+00						
23	.00000E+00						
24	.00000E+00						

SOURCE ID = L0005710 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005711 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005712 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005713 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0005714 ; SOURCE TYPE = VOLUME :
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1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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**MODELOPTs:

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 DFAULT ELEV

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005715 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005716 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005717 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005718 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

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5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005719 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 DFAULT ELEV

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SOURCE ID = L0005720 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005721 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0005722 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				

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7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.10000E+01				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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

(654286.6, 4183476.2,	0.0,	0.0,	0.0);	(654306.4,
4183463.5, 0.0,	0.0,	0.0);		
(654374.5, 4183432.5,	0.0,	0.0,	0.0);	(654304.1,
4183420.5, 0.0,	0.0,	0.0);		
(654317.7, 4183412.8,	0.0,	0.0,	0.0);	(654314.1,
4183390.0, 0.0,	0.0,	0.0);		
(654313.2, 4183373.5,	0.0,	0.0,	0.0);	(654346.4,
4183350.0, 0.0,	0.0,	0.0);		
(654349.3, 4183391.8,	0.0,	0.0,	0.0);	(654314.9,
4183353.0, 0.0,	0.0,	0.0);		
(654307.7, 4183303.2,	0.0,	0.0,	0.0);	(654308.4,
4183275.2, 0.0,	0.0,	0.0);		
(654336.6, 4183450.5,	0.0,	0.0,	0.0);	(654307.7,
4183303.2, 0.0,	0.0,	0.0);		
(654308.4, 4183275.2,	0.0,	0.0,	0.0);	(654255.0,
4183496.0, 0.0,	0.0,	0.0);		
(654221.6, 4183513.8,	0.0,	0.0,	0.0);	(654188.9,
4183532.5, 0.0,	0.0,	0.0);		
(654155.6, 4183552.0,	0.0,	0.0,	0.0);	(654130.4,
4183566.5, 0.0,	0.0,	0.0);		
(654413.6, 4183272.8,	0.0,	0.0,	0.0);	(653937.8,
4183700.0, 0.0,	0.0,	0.0);		
(653871.8, 4183749.0,	0.0,	0.0,	0.0);	(654546.5,
4184209.5, 0.0,	0.0,	0.0);		
(656306.2, 4184011.5,	0.0,	0.0,	0.0);	(656290.7,
4184907.0, 0.0,	0.0,	0.0);		
(655093.2, 4183590.0,	0.0,	0.0,	0.0);	(654426.6,
4183092.5, 0.0,	0.0,	0.0);		

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 DFAULT ELEV

PROCESSING *** *** METEOROLOGICAL DAYS SELECTED FOR
 (1=YES; 0=NO)

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02	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.31	2.48	1.00
					999.00	999.	0.0	284.2	2.0						
02	01	01	1	02	-9.7	0.174	-9.000	-9.000	-999.	167.		49.0	0.22	2.05	1.00
					2.10	118.	10.0	285.4	2.0						
02	01	01	1	03	-16.7	0.299	-9.000	-9.000	-999.	375.		144.2	0.22	2.05	1.00
					3.10	104.	10.0	285.4	2.0						
02	01	01	1	04	-16.7	0.299	-9.000	-9.000	-999.	375.		143.9	0.22	2.05	1.00
					3.10	123.	10.0	284.9	2.0						
02	01	01	1	05	-19.9	0.355	-9.000	-9.000	-999.	487.		203.5	0.22	2.05	1.00
					3.60	133.	10.0	284.2	2.0						
02	01	01	1	06	-15.6	0.279	-9.000	-9.000	-999.	342.		126.0	0.09	2.00	1.00
					3.60	142.	10.0	285.4	2.0						
02	01	01	1	07	-32.7	0.585	-9.000	-9.000	-999.	1030.		553.7	0.22	2.05	1.00
					5.70	125.	10.0	285.4	2.0						
02	01	01	1	08	-26.0	0.466	-9.000	-9.000	-999.	743.		352.1	0.22	2.05	0.73
					4.60	133.	10.0	285.4	2.0						
02	01	01	1	09	-7.1	0.425	-9.000	-9.000	-999.	639.		973.6	0.22	2.05	0.39
					4.10	117.	10.0	285.4	2.0						
02	01	01	1	10	12.0	0.541	0.247	0.005	45.	914.	-1185.3	0.22	2.05	0.27	
					5.10	131.	10.0	285.4	2.0						
02	01	01	1	11	56.9	0.614	0.672	0.005	192.	1106.	-367.7	0.22	2.05	0.22	
					5.70	134.	10.0	285.9	2.0						
02	01	01	1	12	68.5	0.499	0.832	0.005	304.	822.	-163.8	0.09	2.00	0.21	
					5.70	146.	10.0	285.9	2.0						
02	01	01	1	13	146.4	0.428	1.328	0.005	579.	648.	-48.4	0.09	2.00	0.21	
					4.60	143.	10.0	287.0	2.0						
02	01	01	1	14	63.1	0.506	1.022	0.005	611.	827.	-185.7	0.22	2.05	0.22	
					4.60	129.	10.0	289.2	2.0						
02	01	01	1	15	17.3	0.315	0.667	0.006	617.	434.	-162.9	0.09	2.00	0.26	
					3.60	142.	10.0	289.2	2.0						
02	01	01	1	16	2.2	0.182	0.338	0.006	617.	191.	-241.2	0.09	2.00	0.34	
					2.10	144.	10.0	288.8	2.0						
02	01	01	1	17	-10.6	0.209	-9.000	-9.000	-999.	220.		77.9	0.13	2.10	0.60
					2.60	231.	10.0	288.1	2.0						
02	01	01	1	18	-12.9	0.233	-9.000	-9.000	-999.	258.		88.0	0.09	2.00	1.00
					3.10	157.	10.0	287.0	2.0						
02	01	01	1	19	-32.7	0.336	-9.000	-9.000	-999.	449.		105.1	0.22	2.05	1.00
					3.60	114.	10.0	287.0	2.0						
02	01	01	1	20	-37.4	0.351	-9.000	-9.000	-999.	478.		104.6	0.09	2.00	1.00
					4.60	147.	10.0	285.9	2.0						
02	01	01	1	21	-44.1	0.454	-9.000	-9.000	-999.	703.		191.5	0.09	2.00	1.00
					5.70	150.	10.0	287.0	2.0						
02	01	01	1	22	-25.8	0.465	-9.000	-9.000	-999.	729.		352.1	0.09	2.00	1.00
					5.70	162.	10.0	287.5	2.0						
02	01	01	1	23	-28.2	0.508	-9.000	-9.000	-999.	832.		419.8	0.09	2.00	1.00
					6.20	150.	10.0	287.0	2.0						
02	01	01	1	24	-28.2	0.508	-9.000	-9.000	-999.	833.		419.8	0.09	2.00	1.00
					6.20	150.	10.0	287.0	2.0						

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
02	01	01	01	10.0	1	-999.	-99.00	284.3	99.0	-99.00	-99.00

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

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*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOWES_BL ***

INCLUDING SOURCE(S): 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, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

**		** CONC OF TOX	IN MICROGRAMS/M**3
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
654286.62	4183476.25	0.00043	654306.44
4183463.50	0.00053		
654374.50	4183432.50	0.00048	654304.12
4183420.50	0.00189		
654317.69	4183412.75	0.00141	654314.12
4183390.00	0.00159		
654313.19	4183373.50	0.00159	654346.44
4183350.00	0.00099		
654349.31	4183391.75	0.00089	654314.94
4183353.00	0.00151		
654307.69	4183303.25	0.00172	654308.44
4183275.25	0.00148		
654336.56	4183450.50	0.00056	654307.69
4183303.25	0.00172		
654308.44	4183275.25	0.00148	654255.00
4183496.00	0.00035		
654221.62	4183513.75	0.00029	654188.88
4183532.50	0.00025		
654155.56	4183552.00	0.00021	654130.38
4183566.50	0.00018		
654413.56	4183272.75	0.00046	653937.81
4183700.00	0.00008		
653871.75	4183749.00	0.00006	654546.50
4184209.50	0.00001		
656306.25	4184011.50	0.00000	656290.69
4184907.00	0.00000		
655093.19	4183590.00	0.00002	654426.62
4183092.50	0.00018		

*** AERMOD - VERSION 07026 ***

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DFAULT ELEV

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOWES_PA ***

INCLUDING SOURCE(S): L0005681, L0005682,
L0005683, L0005684, L0005685, L0005686, L0005687,
L0005688, L0005689, L0005690, L0005691, L0005692, L0005693, L0005694,

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 L0005695, L0005696, L0005697, L0005698, L0005699,
 L0005700, L0005701, L0005702, L0005703, L0005704, L0005705, L0005706,
 L0005707, L0005708, L0005709, L0005710, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

**		** CONC OF TOX	IN MICROGRAMS/M**3
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
654286.62	4183476.25	0.00026	654306.44
4183463.50	0.00024		
654374.50	4183432.50	0.00017	654304.12
4183420.50	0.00026		
654317.69	4183412.75	0.00024	654314.12
4183390.00	0.00024		
654313.19	4183373.50	0.00024	654346.44
4183350.00	0.00018		
654349.31	4183391.75	0.00019	654314.94
4183353.00	0.00022		
654307.69	4183303.25	0.00021	654308.44
4183275.25	0.00019		
654336.56	4183450.50	0.00020	654307.69
4183303.25	0.00021		
654308.44	4183275.25	0.00019	654255.00
4183496.00	0.00032		
654221.62	4183513.75	0.00040	654188.88
4183532.50	0.00049		
654155.56	4183552.00	0.00061	654130.38
4183566.50	0.00066		
654413.56	4183272.75	0.00011	653937.81
4183700.00	0.00016		
653871.75	4183749.00	0.00012	654546.50
4184209.50	0.00001		
656306.25	4184011.50	0.00000	656290.69
4184907.00	0.00000		
655093.19	4183590.00	0.00002	654426.62
4183092.50	0.00007		

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DFAULT ELEV

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: RETAIL_T ***

INCLUDING SOURCE(S): 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, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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** CONC OF TOX

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
654286.62	4183476.25	0.00029	654306.44
4183463.50	0.00025		
654374.50	4183432.50	0.00016	654304.12
4183420.50	0.00024		
654317.69	4183412.75	0.00022	654314.12
4183390.00	0.00021		
654313.19	4183373.50	0.00021	654346.44
4183350.00	0.00017		
654349.31	4183391.75	0.00018	654314.94
4183353.00	0.00020		
654307.69	4183303.25	0.00018	654308.44
4183275.25	0.00016		
654336.56	4183450.50	0.00020	654307.69
4183303.25	0.00018		
654308.44	4183275.25	0.00016	654255.00
4183496.00	0.00038		
654221.62	4183513.75	0.00051	654188.88
4183532.50	0.00065		
654155.56	4183552.00	0.00082	654130.38
4183566.50	0.00095		
654413.56	4183272.75	0.00011	653937.81
4183700.00	0.00030		
653871.75	4183749.00	0.00024	654546.50
4184209.50	0.00002		
656306.25	4184011.50	0.00001	656290.69
4184907.00	0.00000		
655093.19	4183590.00	0.00003	654426.62
4183092.50	0.00007		

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DFAULT ELEV

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: TRK_WELL ***

INCLUDING SOURCE(S): WELL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF TOX

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
654286.62	4183476.25	0.00063	654306.44
4183463.50	0.00054		
654374.50	4183432.50	0.00044	654304.12
4183420.50	0.00074		
654317.69	4183412.75	0.00080	654314.12

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4183390.00	0.00119		
654313.19	4183373.50	0.00158	654346.44
4183350.00	0.00159		
654349.31	4183391.75	0.00082	654314.94
4183353.00	0.00207		
654307.69	4183303.25	0.00392	654308.44
4183275.25	0.00424		
654336.56	4183450.50	0.00044	654307.69
4183303.25	0.00392		
654308.44	4183275.25	0.00424	654255.00
4183496.00	0.00069		
654221.62	4183513.75	0.00067	654188.88
4183532.50	0.00059		
654155.56	4183552.00	0.00041	654130.38
4183566.50	0.00042		
654413.56	4183272.75	0.00169	653937.81
4183700.00	0.00022		
653871.75	4183749.00	0.00017	654546.50
4184209.50	0.00002		
656306.25	4184011.50	0.00001	656290.69
4184907.00	0.00001		
655093.19	4183590.00	0.00005	654426.62
4183092.50	0.00089		

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CONC

DFAULT ELEV

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: DPM

INCLUDING SOURCE(S): WELL , EMER_GEN,
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, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
654286.62	4183476.25	0.00167	654306.44
4183463.50	0.00161		
654374.50	4183432.50	0.00133	654304.12
4183420.50	0.00333		
654317.69	4183412.75	0.00285	654314.12
4183390.00	0.00364		
654313.19	4183373.50	0.00417	654346.44
4183350.00	0.00321		
654349.31	4183391.75	0.00227	654314.94
4183353.00	0.00447		
654307.69	4183303.25	0.00625	654308.44
4183275.25	0.00624		

	654336.56	4183450.50	G5 - LOWES_v2.ADO	654307.69
4183303.25	0.00625		0.00146	
	654308.44	4183275.25	0.00624	654255.00
4183496.00	0.00182			
	654221.62	4183513.75	0.00200	654188.88
4183532.50	0.00211			
	654155.56	4183552.00	0.00212	654130.38
4183566.50	0.00226			
	654413.56	4183272.75	0.00252	653937.81
4183700.00	0.00077			
	653871.75	4183749.00	0.00059	654546.50
4184209.50	0.00007			
	656306.25	4184011.50	0.00002	656290.69
4184907.00	0.00002			
	655093.19	4183590.00	0.00012	654426.62
4183092.50	0.00126			

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DFAULT ELEV

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: FOOD
*** INCLUDING SOURCE(S): FOOD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
654286.62	4183476.25	0.00000	654306.44
4183463.50	0.00000		
654374.50	4183432.50	0.00000	654304.12
4183420.50	0.00000		
654317.69	4183412.75	0.00000	654314.12
4183390.00	0.00000		
654313.19	4183373.50	0.00000	654346.44
4183350.00	0.00000		
654349.31	4183391.75	0.00000	654314.94
4183353.00	0.00000		
654307.69	4183303.25	0.00000	654308.44
4183275.25	0.00000		
654336.56	4183450.50	0.00000	654307.69
4183303.25	0.00000		
654308.44	4183275.25	0.00000	654255.00
4183496.00	0.00000		
654221.62	4183513.75	0.00000	654188.88
4183532.50	0.00000		
654155.56	4183552.00	0.00000	654130.38
4183566.50	0.00000		
654413.56	4183272.75	0.00000	653937.81
4183700.00	0.00000		
653871.75	4183749.00	0.00000	654546.50
4184209.50	0.00000		

656306.25 4184011.50 G5 - LOWES_v2.ADO 656290.69
 4184907.00 0.00000 0.00000
 655093.19 4183590.00 0.00000 654426.62
 4183092.50 0.00000
 *** AERMOD - VERSION 07026 *** *** C:\0Projects\Lowes\Modeling\LOWES_v2.ISC
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 DFAULT ELEV

*** THE PERIOD (8760 HRS) AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: EMER_GEN ***
 INCLUDING SOURCE(S): EMER_GEN,

*** DISCRETE CARTESIAN RECEPTOR POINTS

**		** CONC OF TOX	IN MICROGRAMS/M**3
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
654286.62	4183476.25	0.00006	654306.44
4183463.50	0.00007		
654374.50	4183432.50	0.00008	654304.12
4183420.50	0.00020		
654317.69	4183412.75	0.00019	654314.12
4183390.00	0.00041		
654313.19	4183373.50	0.00056	654346.44
4183350.00	0.00027		
654349.31	4183391.75	0.00019	654314.94
4183353.00	0.00048		
654307.69	4183303.25	0.00022	654308.44
4183275.25	0.00016		
654336.56	4183450.50	0.00006	654307.69
4183303.25	0.00022		
654308.44	4183275.25	0.00016	654255.00
4183496.00	0.00008		
654221.62	4183513.75	0.00013	654188.88
4183532.50	0.00013		
654155.56	4183552.00	0.00007	654130.38
4183566.50	0.00006		
654413.56	4183272.75	0.00015	653937.81
4183700.00	0.00001		
653871.75	4183749.00	0.00001	654546.50
4184209.50	0.00000		
656306.25	4184011.50	0.00000	656290.69
4184907.00	0.00000		
655093.19	4183590.00	0.00000	654426.62
4183092.50	0.00005		
*** AERMOD - VERSION 07026 ***		*** C:\0Projects\Lowes\Modeling\LOWES_v2.ISC	
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CONC DFAULT ELEV			

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOWES_BL ***

INCLUDING SOURCE(S): 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, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
654286.62	4183476.25	0.07185	(02103007)	654306.44
4183463.50	0.08252 (02111518)			
654374.50	4183432.50	0.04942	(02011208)	654304.12
4183420.50	0.06897 (02021808)			
654317.69	4183412.75	0.05703	(02112208)	654314.12
4183390.00	0.05176 (02011208)			
654313.19	4183373.50	0.05100	(02120818)	654346.44
4183350.00	0.05057 (02120818)			
654349.31	4183391.75	0.04689	(02120818)	654314.94
4183353.00	0.05060 (02120818)			
654307.69	4183303.25	0.07008	(02032107)	654308.44
4183275.25	0.06342 (02122318)			
654336.56	4183450.50	0.06297	(02122308)	654307.69
4183303.25	0.07008 (02032107)			
654308.44	4183275.25	0.06342	(02122318)	654255.00
4183496.00	0.02760 (02011618)			
654221.62	4183513.75	0.03220	(02021407)	654188.88
4183532.50	0.03682 (02021407)			
654155.56	4183552.00	0.03430	(02032207)	654130.38
4183566.50	0.03256 (02032207)			
654413.56	4183272.75	0.03657	(02020418)	653937.81
4183700.00	0.01709 (02021807)			
653871.75	4183749.00	0.01514	(02031907)	654546.50
4184209.50	0.00893 (02103007)			
656306.25	4184011.50	0.00377	(02120818)	656290.69
4184907.00	0.00433 (02011117)			
655093.19	4183590.00	0.01598	(02120818)	654426.62
4183092.50	0.01977 (02040107)			

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CONC DFAULT ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOWES_PA ***

INCLUDING SOURCE(S): L0005681, L0005682,
L0005683, L0005684, L0005685, L0005686, L0005687,
L0005688, L0005689, L0005690, L0005691, L0005692, L0005693, L0005694,
L0005695, L0005696, L0005697, L0005698, L0005699,

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L0005700, L0005701, L0005702, L0005703, L0005704, L0005705, L0005706,
L0005707, L0005708, L0005709, L0005710, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF TOX		IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
654286.62	4183476.25	0.04210	(02032107)	654306.44
4183463.50	0.03938 (02032107)			
654374.50	4183432.50	0.03340	(02032107)	654304.12
4183420.50	0.03923 (02032107)			
654317.69	4183412.75	0.03977	(02032107)	654314.12
4183390.00	0.04378 (02032107)			
654313.19	4183373.50	0.03934	(02032107)	654346.44
4183350.00	0.02125 (02020418)			
654349.31	4183391.75	0.03910	(02032107)	654314.94
4183353.00	0.02380 (02020418)			
654307.69	4183303.25	0.02185	(02120107)	654308.44
4183275.25	0.02425 (02120107)			
654336.56	4183450.50	0.03574	(02032107)	654307.69
4183303.25	0.02185 (02120107)			
654308.44	4183275.25	0.02425	(02120107)	654255.00
4183496.00	0.04812 (02010808)			
654221.62	4183513.75	0.06611	(02120818)	654188.88
4183532.50	0.07733 (02011208)			
654155.56	4183552.00	0.13310	(02011117)	654130.38
4183566.50	0.18086 (02021608)			
654413.56	4183272.75	0.01481	(02112508)	653937.81
4183700.00	0.06615 (02021407)			
653871.75	4183749.00	0.05016	(02032207)	654546.50
4184209.50	0.01113 (02010407)			
656306.25	4184011.50	0.00550	(02120818)	656290.69
4184907.00	0.00249 (02120218)			
655093.19	4183590.00	0.01241	(02010808)	654426.62
4183092.50	0.01323 (02010907)			

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**MODELOPTs:

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CONC DFAULT ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: RETAIL_T ***
INCLUDING SOURCE(S): 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, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
654286.62	4183476.25	0.07026	(02032107)	654306.44
4183463.50	0.04583	(02032107)		
654374.50	4183432.50	0.03243	(02020418)	654304.12
4183420.50	0.03995	(02122318)		
654317.69	4183412.75	0.03716	(02122318)	654314.12
4183390.00	0.03075	(02112508)		
654313.19	4183373.50	0.03245	(02120107)	654346.44
4183350.00	0.02936	(02120107)		
654349.31	4183391.75	0.03002	(02122318)	654314.94
4183353.00	0.03225	(02120107)		
654307.69	4183303.25	0.03008	(02022618)	654308.44
4183275.25	0.02731	(02022618)		
654336.56	4183450.50	0.03555	(02020418)	654307.69
4183303.25	0.03008	(02022618)		
654308.44	4183275.25	0.02731	(02022618)	654255.00
4183496.00	0.10356	(02032107)		
654221.62	4183513.75	0.11531	(02032107)	654188.88
4183532.50	0.13418	(02120818)		
654155.56	4183552.00	0.14490	(02120818)	654130.38
4183566.50	0.15994	(02011117)		
654413.56	4183272.75	0.01876	(02022618)	653937.81
4183700.00	0.10960	(02021407)		
653871.75	4183749.00	0.09452	(02032207)	654546.50
4184209.50	0.01764	(02021608)		
656306.25	4184011.50	0.00653	(02120818)	656290.69
4184907.00	0.00472	(02120218)		
655093.19	4183590.00	0.01794	(02011408)	654426.62
4183092.50	0.01631	(02010907)		

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**MODELOPTs:

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CONC DFAULT ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRK_WELL ***
INCLUDING SOURCE(S): WELL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
654286.62	4183476.25	0.13502	(02103007)	654306.44
4183463.50	0.12825	(02100618)		
654374.50	4183432.50	0.05943	(02010117)	654304.12
4183420.50	0.11822	(02021808)		
654317.69	4183412.75	0.11203	(02021808)	654314.12
4183390.00	0.09641	(02010117)		

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654313.19	4183373.50	0.10001	(02111517)	654346.44
4183350.00	0.07072	(02120818)		
654349.31	4183391.75	0.07128	(02110818)	654314.94
4183353.00	0.08900	(02120818)		
654307.69	4183303.25	0.10494	(02100818)	654308.44
4183275.25	0.08807	(02101218)		
654336.56	4183450.50	0.08959	(02021808)	654307.69
4183303.25	0.10494	(02100818)		
654308.44	4183275.25	0.08807	(02101218)	654255.00
4183496.00	0.15862	(02103007)		
654221.62	4183513.75	0.09609	(02022209)	654188.88
4183532.50	0.11069	(02012807)		
654155.56	4183552.00	0.09359	(02021407)	654130.38
4183566.50	0.08852	(02011307)		
654413.56	4183272.75	0.08887	(02101318)	653937.81
4183700.00	0.04356	(02031907)		
653871.75	4183749.00	0.03606	(02031907)	654546.50
4184209.50	0.02811	(02103007)		
656306.25	4184011.50	0.00614	(02120818)	656290.69
4184907.00	0.01217	(02011117)		
655093.19	4183590.00	0.02288	(02120818)	654426.62
4183092.50	0.06001	(02040107)		

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**MODELOPTs:

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CONC DFAULT ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DPM
INCLUDING SOURCE(S): WELL , EMER_GEN,
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, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF TOX		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
654286.62	4183476.25	0.20854	(02103007)
4183463.50	0.21080	(02100618)	654306.44
654374.50	4183432.50	0.08227	(02021808)
4183420.50	0.18860	(02021808)	654304.12
654317.69	4183412.75	0.16533	(02021808)
4183390.00	0.14201	(02021808)	654314.12
654313.19	4183373.50	0.12983	(02120818)
4183350.00	0.12262	(02120818)	654346.44
654349.31	4183391.75	0.09602	(02120818)
4183353.00	0.14125	(02120818)	654314.94
654307.69	4183303.25	0.17973	(02122318)
4183275.25	0.17804	(02101218)	654308.44
654336.56	4183450.50	0.15212	(02021808)
			654307.69

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4183303.25	0.17973 (02122318)		
654308.44	4183275.25	0.17804 (02101218)	654255.00
4183496.00	0.18785 (02103007)		
654221.62	4183513.75	0.16000 (02032107)	654188.88
4183532.50	0.20060 (02120818)		
654155.56	4183552.00	0.22740 (02011208)	654130.38
4183566.50	0.31439 (02010307)		
654413.56	4183272.75	0.13682 (02101318)	653937.81
4183700.00	0.18125 (02021407)		
653871.75	4183749.00	0.14870 (02032207)	654546.50
4184209.50	0.03735 (02103007)		
656306.25	4184011.50	0.02195 (02120818)	656290.69
4184907.00	0.01895 (02011117)		
655093.19	4183590.00	0.04650 (02120818)	654426.62
4183092.50	0.09184 (02040107)		

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**MODELOPTs:

CONC PAGE 55
 DFAULT ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: FOOD INCLUDING SOURCE(S): FOOD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
654286.62	4183476.25	0.00000	(02120820)	654306.44
4183463.50	0.00000 (02020202)			
654374.50	4183432.50	0.00000	(02032107)	654304.12
4183420.50	0.00000 (02100407)			
654317.69	4183412.75	0.00000	(02100407)	654314.12
4183390.00	0.00000 (02091024)			
654313.19	4183373.50	0.00000	(02091024)	654346.44
4183350.00	0.00000 (02112107)			
654349.31	4183391.75	0.00000	(02091024)	654314.94
4183353.00	0.00000 (02112107)			
654307.69	4183303.25	0.00000	(02112402)	654308.44
4183275.25	0.00000 (02092906)			
654336.56	4183450.50	0.00000	(02032107)	654307.69
4183303.25	0.00000 (02112402)			
654308.44	4183275.25	0.00000	(02092906)	654255.00
4183496.00	0.00000 (02022302)			
654221.62	4183513.75	0.00000	(02032921)	654188.88
4183532.50	0.00000 (02010701)			
654155.56	4183552.00	0.00000	(02111121)	654130.38
4183566.50	0.00000 (02032802)			
654413.56	4183272.75	0.00000	(02100420)	653937.81
4183700.00	0.00000 (02112703)			
653871.75	4183749.00	0.00000	(02022421)	654546.50
4184209.50	0.00000 (02110923)			
656306.25	4184011.50	0.00000	(02032921)	656290.69

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 4184907.00 0.00000 (02032904)
 655093.19 4183590.00 0.00000 (02100621) 654426.62
 4183092.50 0.00000 (02071106)
 *** AERMOD - VERSION 07026 *** *** C:\0Projects\Lowes\Modeling\LOWES_v2.ISC
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**MODELOPTs:

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 CONC DFAULT ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: EMER_GEN ***
 INCLUDING SOURCE(S): EMER_GEN,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF TOX		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
654286.62	4183476.25	0.03435 (02110813)	654306.44
4183463.50	0.04143 (02052013)		
654374.50	4183432.50	0.01654 (02041613)	654304.12
4183420.50	0.04711 (02041713)		
654317.69	4183412.75	0.03729 (02041713)	654314.12
4183390.00	0.03255 (02080713)		
654313.19	4183373.50	0.05550 (02052513)	654346.44
4183350.00	0.02020 (02082613)		
654349.31	4183391.75	0.02042 (02051913)	654314.94
4183353.00	0.04931 (02092513)		
654307.69	4183303.25	0.02687 (02112313)	654308.44
4183275.25	0.02230 (02112313)		
654336.56	4183450.50	0.02144 (02042713)	654307.69
4183303.25	0.02687 (02112313)		
654308.44	4183275.25	0.02230 (02112313)	654255.00
4183496.00	0.03652 (02123113)		
654221.62	4183513.75	0.04144 (02121213)	654188.88
4183532.50	0.04321 (02032213)		
654155.56	4183552.00	0.02198 (02011313)	654130.38
4183566.50	0.02104 (02011313)		
654413.56	4183272.75	0.01213 (02010913)	653937.81
4183700.00	0.00640 (02010513)		
653871.75	4183749.00	0.00459 (02010513)	654546.50
4184209.50	0.00078 (02110813)		
656306.25	4184011.50	0.00035 (02011013)	656290.69
4184907.00	0.00013 (02011013)		
655093.19	4183590.00	0.00121 (02011413)	654426.62
4183092.50	0.00864 (02011213)		

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**MODELOPTs:

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 CONC DFAULT ELEV

HRS) RESULTS ***

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

**

GROUP ID ZHILL, ZFLAG)	NETWORK OF TYPE GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
LOWES_BL	1ST HIGHEST VALUE IS 0.00, 0.00) DC	0.00189 AT (654304.12,	4183420.50, 0.00,
	2ND HIGHEST VALUE IS 0.00, 0.00) DC	0.00172 AT (654307.69,	4183303.25, 0.00,
	3RD HIGHEST VALUE IS 0.00, 0.00) DC	0.00172 AT (654307.69,	4183303.25, 0.00,
	4TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00159 AT (654314.12,	4183390.00, 0.00,
	5TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00159 AT (654313.19,	4183373.50, 0.00,
	6TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00151 AT (654314.94,	4183353.00, 0.00,
	7TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00148 AT (654308.44,	4183275.25, 0.00,
	8TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00148 AT (654308.44,	4183275.25, 0.00,
	9TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00141 AT (654317.69,	4183412.75, 0.00,
	10TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00099 AT (654346.44,	4183350.00, 0.00,
LOWES_PA	1ST HIGHEST VALUE IS 0.00, 0.00) DC	0.00066 AT (654130.38,	4183566.50, 0.00,
	2ND HIGHEST VALUE IS 0.00, 0.00) DC	0.00061 AT (654155.56,	4183552.00, 0.00,
	3RD HIGHEST VALUE IS 0.00, 0.00) DC	0.00049 AT (654188.88,	4183532.50, 0.00,
	4TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00040 AT (654221.62,	4183513.75, 0.00,
	5TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00032 AT (654255.00,	4183496.00, 0.00,
	6TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00026 AT (654286.62,	4183476.25, 0.00,
	7TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00026 AT (654304.12,	4183420.50, 0.00,
	8TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00024 AT (654314.12,	4183390.00, 0.00,
	9TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00024 AT (654317.69,	4183412.75, 0.00,
	10TH HIGHEST VALUE IS 0.00, 0.00) DC	0.00024 AT (654306.44,	4183463.50, 0.00,
RETAIL_T	1ST HIGHEST VALUE IS 0.00, 0.00) DC	0.00095 AT (654130.38,	4183566.50, 0.00,
	2ND HIGHEST VALUE IS 0.00, 0.00) DC	0.00082 AT (654155.56,	4183552.00, 0.00,
	3RD HIGHEST VALUE IS 0.00, 0.00) DC	0.00065 AT (654188.88,	4183532.50, 0.00,
	4TH HIGHEST VALUE IS	0.00051 AT (654221.62,	4183513.75, 0.00,

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0.00, 0.00) DC
 5TH HIGHEST VALUE IS 0.00038 AT (654255.00, 4183496.00, 0.00,
 0.00, 0.00) DC
 6TH HIGHEST VALUE IS 0.00030 AT (653937.81, 4183700.00, 0.00,
 0.00, 0.00) DC
 7TH HIGHEST VALUE IS 0.00029 AT (654286.62, 4183476.25, 0.00,
 0.00, 0.00) DC
 8TH HIGHEST VALUE IS 0.00025 AT (654306.44, 4183463.50, 0.00,
 0.00, 0.00) DC
 9TH HIGHEST VALUE IS 0.00024 AT (653871.75, 4183749.00, 0.00,
 0.00, 0.00) DC
 10TH HIGHEST VALUE IS 0.00024 AT (654304.12, 4183420.50, 0.00,
 0.00, 0.00) DC
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**MODELOPTs:

CONC PAGE 58
 DFAULT ELEV

*** THE SUMMARY OF MAXIMUM PERIOD (8760
 HRS) RESULTS ***

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

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
TRK_WELL	1ST HIGHEST VALUE IS	0.00424 AT (654308.44, 4183275.25, 0.00,	
	0.00, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00424 AT (654308.44, 4183275.25, 0.00,	
	0.00, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00392 AT (654307.69, 4183303.25, 0.00,	
	0.00, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00392 AT (654307.69, 4183303.25, 0.00,	
	0.00, 0.00) DC		
	5TH HIGHEST VALUE IS	0.00207 AT (654314.94, 4183353.00, 0.00,	
	0.00, 0.00) DC		
	6TH HIGHEST VALUE IS	0.00169 AT (654413.56, 4183272.75, 0.00,	
	0.00, 0.00) DC		
	7TH HIGHEST VALUE IS	0.00159 AT (654346.44, 4183350.00, 0.00,	
	0.00, 0.00) DC		
	8TH HIGHEST VALUE IS	0.00158 AT (654313.19, 4183373.50, 0.00,	
	0.00, 0.00) DC		
	9TH HIGHEST VALUE IS	0.00119 AT (654314.12, 4183390.00, 0.00,	
	0.00, 0.00) DC		
	10TH HIGHEST VALUE IS	0.00089 AT (654426.62, 4183092.50, 0.00,	
	0.00, 0.00) DC		
DPM	1ST HIGHEST VALUE IS	0.00625 AT (654307.69, 4183303.25, 0.00,	
	0.00, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00625 AT (654307.69, 4183303.25, 0.00,	
	0.00, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00624 AT (654308.44, 4183275.25, 0.00,	
	0.00, 0.00) DC		

	4TH HIGHEST VALUE IS	0.00624 AT (	654308.44,	4183275.25,	0.00,
	0.00, 0.00) DC				
	5TH HIGHEST VALUE IS	0.00447 AT (	654314.94,	4183353.00,	0.00,
	0.00, 0.00) DC				
	6TH HIGHEST VALUE IS	0.00417 AT (	654313.19,	4183373.50,	0.00,
	0.00, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00364 AT (	654314.12,	4183390.00,	0.00,
	0.00, 0.00) DC				
	8TH HIGHEST VALUE IS	0.00333 AT (	654304.12,	4183420.50,	0.00,
	0.00, 0.00) DC				
	9TH HIGHEST VALUE IS	0.00321 AT (	654346.44,	4183350.00,	0.00,
	0.00, 0.00) DC				
	10TH HIGHEST VALUE IS	0.00285 AT (	654317.69,	4183412.75,	0.00,
	0.00, 0.00) DC				
FOOD	1ST HIGHEST VALUE IS	0.00000 AT (	654255.00,	4183496.00,	0.00,
	0.00, 0.00) DC				
	2ND HIGHEST VALUE IS	0.00000 AT (	654221.62,	4183513.75,	0.00,
	0.00, 0.00) DC				
	3RD HIGHEST VALUE IS	0.00000 AT (	654286.62,	4183476.25,	0.00,
	0.00, 0.00) DC				
	4TH HIGHEST VALUE IS	0.00000 AT (	654304.12,	4183420.50,	0.00,
	0.00, 0.00) DC				
	5TH HIGHEST VALUE IS	0.00000 AT (	654306.44,	4183463.50,	0.00,
	0.00, 0.00) DC				
	6TH HIGHEST VALUE IS	0.00000 AT (	654314.12,	4183390.00,	0.00,
	0.00, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00000 AT (	654313.19,	4183373.50,	0.00,
	0.00, 0.00) DC				
	8TH HIGHEST VALUE IS	0.00000 AT (	654188.88,	4183532.50,	0.00,
	0.00, 0.00) DC				
	9TH HIGHEST VALUE IS	0.00000 AT (	654317.69,	4183412.75,	0.00,
	0.00, 0.00) DC				
	10TH HIGHEST VALUE IS	0.00000 AT (	654314.94,	4183353.00,	0.00,
	0.00, 0.00) DC				

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*** THE SUMMARY OF MAXIMUM PERIOD (8760

HRS) RESULTS ***

**

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

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
EMER_GEN	1ST HIGHEST VALUE IS	0.00056 AT (	654313.19, 4183373.50, 0.00,
	0.00, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00048 AT (	654314.94, 4183353.00, 0.00,
	0.00, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00041 AT (	654314.12, 4183390.00, 0.00,

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0.00, 0.00) DC			
4TH HIGHEST VALUE IS	0.00027	AT (654346.44, 4183350.00,	0.00,
0.00, 0.00) DC			
5TH HIGHEST VALUE IS	0.00022	AT (654307.69, 4183303.25,	0.00,
0.00, 0.00) DC			
6TH HIGHEST VALUE IS	0.00022	AT (654307.69, 4183303.25,	0.00,
0.00, 0.00) DC			
7TH HIGHEST VALUE IS	0.00020	AT (654304.12, 4183420.50,	0.00,
0.00, 0.00) DC			
8TH HIGHEST VALUE IS	0.00019	AT (654349.31, 4183391.75,	0.00,
0.00, 0.00) DC			
9TH HIGHEST VALUE IS	0.00019	AT (654317.69, 4183412.75,	0.00,
0.00, 0.00) DC			
10TH HIGHEST VALUE IS	0.00016	AT (654308.44, 4183275.25,	0.00,
0.00, 0.00) DC			

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

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*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

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

**

GROUP ID	NETWORK	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	(YYMMDDHH)	
LOWES_BL HIGH 1ST HIGH VALUE IS	0.08252 ON 02111518: AT (654306.44,		
4183463.50, 0.00, 0.00,	0.00) DC		
LOWES_PA HIGH 1ST HIGH VALUE IS	0.18086 ON 02021608: AT (654130.38,		
4183566.50, 0.00, 0.00,	0.00) DC		
RETAIL_T HIGH 1ST HIGH VALUE IS	0.15994 ON 02011117: AT (654130.38,		
4183566.50, 0.00, 0.00,	0.00) DC		
TRK_WELL HIGH 1ST HIGH VALUE IS	0.15862 ON 02103007: AT (654255.00,		
4183496.00, 0.00, 0.00,	0.00) DC		
DPM HIGH 1ST HIGH VALUE IS	0.31439 ON 02010307: AT (654130.38,		
4183566.50, 0.00, 0.00,	0.00) DC		
FOOD HIGH 1ST HIGH VALUE IS	0.00000 ON 02032802: AT (654130.38,		
4183566.50, 0.00, 0.00,	0.00) DC		
EMER_GEN HIGH 1ST HIGH VALUE IS	0.05550 ON 02052513: AT (654313.19,		

4183373.50, 0.00, 0.00, G5 - LOWES_v2.ADO
0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1658 Informational Message(s)
A Total of 942 Calm Hours Identified
A Total of 716 Missing Hours Identified (8.17 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
S0 W320 252 PPARM :Input Parameter May Be Out-of-Range for Parameter VS
S0 W320 253 PPARM :Input Parameter May Be Out-of-Range for Parameter VS

*** AERMOD Finishes Successfully ***
