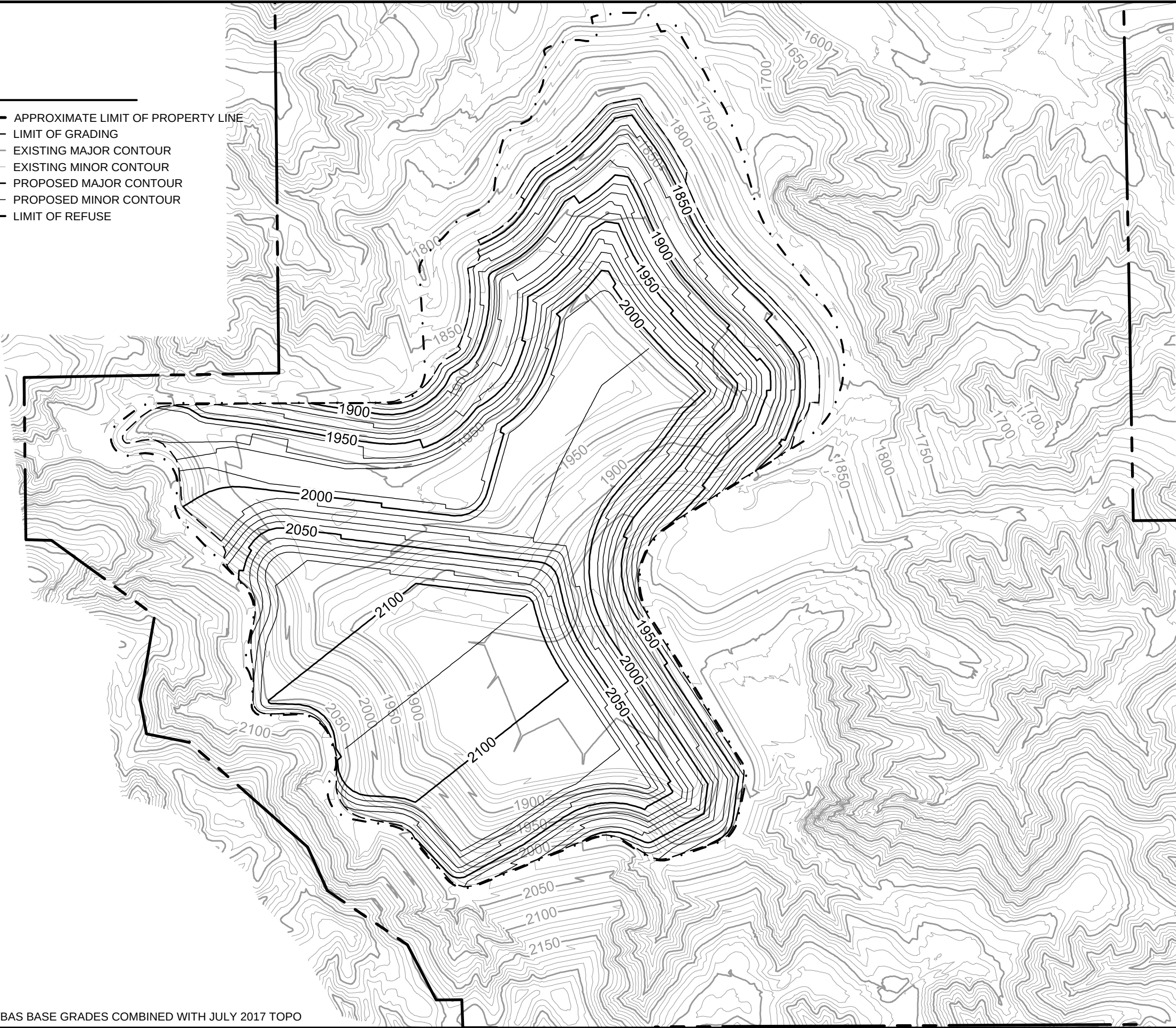
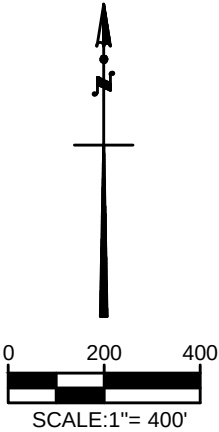


P:\San Bernardino County\San Timoteo\3-2 4-1\CADD\database\Five Year SWFP Volumes\TTBAS Base Grade Spliced With EG 2017 Vs New GLA Final Grade

LEGEND

- APPROXIMATE LIMIT OF PROPERTY LINE
- - - LIMIT OF GRADING
- 10 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 10 PROPOSED MAJOR CONTOUR
- 9 PROPOSED MINOR CONTOUR
- . - . - LIMIT OF REFUSE



DATE OF TOPOGRAPHY: TTBAS BASE GRADES COMBINED WITH JULY 2017 TOPO

**TETRA TECH BAS**
1360 Valley Vista Drive, Diamond Bar, CA 91765
TEL 909.860.7777 FAX 909.860.8017

SAN TIMOTEO SANITARY LANDFILL	DESIGNED BY : NAME	DATE: 00-00-2016
	DRAWN BY : NAME	PROJ. NO.: 0000-0000
	CHECKED BY : NAME	
	APPROVED BY : NAME	
PROPOSED FINAL GRADING PLAN		
FIGURE 6		

ENVIRONMENTAL CHECKLIST FORM

- 1. Project Title:** Initial Study/Negative Declaration for the Solid Waste Facility Permit and Joint Technical Document Revision for the San Timoteo Sanitary Landfill, Redlands, San Bernardino County, California
- 2. Lead Agency Name:** County of San Bernardino Department of Public Works
Environmental Management Division

Address: 825 E. Third Street
San Bernardino, California 92415-0835
- 3. Contact Person:** Michael Perry, Supervising Planner
Department of Public Works,
Environmental Management Division
Michael.Perry@dpw.sbcounty.gov

Phone Number: (909) 387-1864
- 4. Project Location:**

General Project Location: Within the southwest corner of the City of Redlands in San Bernardino County at 31 Refuse Road.
Topographic Quad (USGS 7.5"): Redlands
Topographic Quad Coordinates: T2S R2W Section 8
Latitude: 34° 00' 45.4361" N, Longitude-117° 12' 54.4269" W

Site Access: Access to the landfill can be arranged in coordination with Solid Waste
- 5. Project Sponsor** County of San Bernardino Department of Public Works
Solid Waste Management Division
222 W Hospitality Lane, 2nd Floor
San Bernardino, California 92415-0017
- 6. General Plan/Zoning Designation:** General Plan: Public/Institutional
Zoning: Agricultural District (A-1)

7. Project Description Summary:

This Initial Study has been prepared to identify and assess the potential environmental impacts from intermittent temporary diversion of up to 1,000 tons per day (tpd) of refuse from the Mid-Valley Sanitary Landfill (MVSL) to the San Timoteo Sanitary Landfill (STSL); for a maximum of 15 days per year. The diversion of refuse would be in response to windy days that force the temporary cessation of operations at MVSL. Proposed revised final grading plans and revised base grades in future lined areas results in an increase in refuse airspace at the landfill. A revision to the existing Solid Waste Facility Permit (SWFP) and an Amendment to the Joint Technical Document (JTD) for STSL would be required to allow the increased daily tonnage and for the revised grading plans and associated increase in refuse airspace. Details of the Project are further discussed in Section 3 above.

8. Environmental/Existing Site Conditions:

The STSL is an existing Class III landfill operating on a 366-acre site. The STSL has been in continuous operation since 1978 and accepts only Class III non-hazardous solid waste in accordance with waste classification regulations in California Code of Regulation (CCR) Title 27 (County of San Bernardino 2012).

Solid waste delivered to the STSL is generally classified as residential, commercial, or industrial (County of San Bernardino 2012). Residential waste includes domestic garbage and rubbish that originates in residential dwellings. Commercial waste includes types of solid waste generated by retail stores, offices, and other commercial sources. Industrial waste includes types of solid waste that result from industrial processes and manufacturing operations, excluding hazardous materials. In addition, demolition, construction debris, and inert solid wastes are received at the site. The landfill also recycles tires, white goods (appliances), metal and glass. The landfill does not accept designated wastes, hazardous wastes, waste containing more than 50 percent liquid by weight, large dead animals or untreated waste with physical properties (i.e. powdery or dusty materials) that could cause health, safety, or operational problems.

STSL is located at 31 Refuse Road, south of San Timoteo Canyon Road with the scale facilities located just inside the entrance gate. The landfill access road is paved with asphalt to the refuse disposal boundary, where it extends as an unpaved road to the active disposal areas. The entrance of the landfill is secured by a permanent fence and gate, with a sign displaying the facility name and owner. Discovered household hazardous wastes that have been abandoned by customers are stored in a transportable designated hazardous waste bin (County of San Bernardino 2012).

Vehicles carrying waste stop at the scale house to pay and be weighed prior to being directed to the tipping table to unload their waste. Waste loads may be visually inspected as a part of the County's Loadchecking Program in order to prevent hazardous materials from being disposed of in the landfill. Loadchecking consists of regular visual inspection of the wastes loads; inspecting random incoming loads; training of facility personnel in hazardous waste recognition and proper hazardous waste handling procedures; and installation of signs at the facility entrance indicating that no hazardous waste is permitted at the site (County of San Bernardino 2012).

The landfill is operated using the area-fill method (County of San Bernardino 2012). The area currently being filled is referred to as the active working face. Typically, waste cells at the working face are developed as part of advancing lifts overlying existing refuse. Refuse is placed in cells that are 20 feet high and 100 by 150 feet in area. Waste is unloaded at the toe of the working face of the cell. A bulldozer is used to push, spread, and compact waste on the working face in shallow layers up to two feet deep. The equipment traverses the active working face as often as necessary to evenly spread and compact the waste. At the end of each working day, the waste is covered with a minimum of six inches of soil or an Alternative Daily Cover (ADC). Cells that will be inactive for 180 days or longer are covered with an interim cover of twelve inches of compacted soil or other approved material. Waste cells are graded to drain stormwater runoff away from the landfill. Effective drainage minimizes ponding, infiltration, and erosion (County of San Bernardino 2012).

9. Surrounding land uses and setting (Briefly describe the project's surroundings)

Land use surrounding the STSL is primarily open, undeveloped hilly terrain. Rural residential developments are found approximately 0.3 miles to the north of the landfill. A landscaping business is located approximately 0.4 miles east of the landfill. Rural residential developments are located approximately 0.4 miles southwest of the landfill.

10. Lead Agency Discretionary Actions:

Discretionary actions that may be taken by the Lead Agency include, but are not limited to, the following.

- Consideration and approval of Negative Declaration.
- Decision on the project and subsequent filing of Notice of Determination with the County of San Bernardino Clerk's office.

11. Other agencies whose approval is required (e.g., permits, financing approval, or participation agreement):

The STSL is operating under the following permits.

- Solid Waste Facility Permit (SWFP) No. 36-AA-0087 issued by the County of San Bernardino Department of Public Health, Division of Environmental Health Services acting as the Local Enforcement Agency (LEA) for the California Integrated Waste Management Board (CIWMB), issued June 10, 2013.
- Waste Discharge Requirements by Order No. 98-99 and 98-99-03 issued by the California Regional Water Quality Control Board-Santa Ana Region issued November 20, 1998, as amended.
- Notice of Intent (NOI) for General Permit to Discharge Stormwater Associated with Industrial Activity under the National Pollution Discharge Elimination System Program (NPDES) Permit No. 8-36S005238, NOI No. 91-13-DWQ, issued May 1994.
- San Bernardino County Fire Agency Special Handler Permits and Hazardous Waste Generator Permit, renewed annually.
- California Department of Toxic Substances Control ID No. CAD982485716.

The following agencies may be responsible for review, evaluation and approval of the update of the SWFP and revisions to the JTD for the proposed increase in tpd at STSL.

Federal Agencies: (non "public agencies" as defined by CEQA or agencies required to take a CEQA action)

- None

State Agencies

- California Department of Resources Recycling and Recovery (CalRecycle)
- Regional Water Quality Control Board-Santa Ana Region.
- South Coast Air Quality Management District (SCAQMD)

City/County Agencies

- County of San Bernardino Environmental Health Department/Local Enforcement Agency (LEA)
- City of Redlands

Financing Approval or Participation Agreements

- No financing approval or participating agreements are required.

12. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, has consultation begun?

Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21083.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

Tribal notification was initiated on July 3, 2018 and was completed on August 21, 2018 by the County of San Bernardino, Department of Public Works, Environmental Management Division..

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below, would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture & Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Geology / Soils
☐ Greenhouse Gas Emissions	☐ Hazards & Hazardous Materials	☐ Hydrology & Water Quality
☐ Land Use / Planning	☐ Mineral Resources	☐ Noise
☐ Population / Housing	☐ Public Services	☐ Recreation
☐ Transportation / Traffic	☐ Tribal Cultural Resources	☐ Utilities / Service Systems
☐ Mandatory Findings of Significance		

LEAD AGENCY DETERMINATION

On the basis of this Initial Study, the following finding is made.

X	The proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
	Although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
	The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
	The proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
	Although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature [Harold Zamora, P.E., Chief]

Date

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
I. AESTHETICS: Would the project:				
a) Have a substantial adverse effect on a scenic vista?				X
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) Substantially degrade the existing visual character or quality of the site and its surroundings?			X	
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?				X

SUBSTANTIATION: (Check ☐ if project is located within a view-shed of any Scenic Route listed in the General Plan):

Environmental Setting

The STSL is located within foothills of the San Timoteo Canyon and has been in operation since 1978. The view of the landfill from San Timoteo Canyon Road appears as fill between the hill side canyons. From the ridge on the north side of San Timoteo Canyon around the Smiley Heights area, the landfill mound appears as grading and filling activities between the ridgelines (County of San Bernardino 2001). While buildings and equipment have lights, the facility does not require lighting for daily operations. Equipment repair and application of daily cover in winter months when the days are shorter are the only times where night-time lighting is required.

Impact Analysis

a) *Have a substantial adverse effect on a scenic vista?*

No impact. The San Timoteo landfill has been operation in San Timoteo Canyon since 1978. The Redlands General Plan (City of Redlands 1995, updated 2010) has designated the landfill area as public/institutional land use while a recently revised zoning map for the City of Redlands identifies the landfill area zoned as an Agricultural District and has not been identified within a scenic vista (City of Redlands 2015). No impacts would occur.

b) *Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?*

No impact. The proposed project includes a temporary increase in tonnage of waste received at the STSL from MVSL during a maximum of 15 windy days per year. As much as 1,000 additional tpd may be received by STSL during those windy days requiring an amendment to the SWFP from 2,000 tpd to 3,000 tpd. The proposed change to the SWFP would not change the current landfill operation and would not damage any scenic resources, trees, rock outcrops and historic buildings within a state scenic highway. No impacts would occur.

c) *Substantially degrade the existing visual character or quality of the site and its surroundings?*

Less than Significant. As indicated in the 2012 CEQA analysis of potential impacts as some results of amending the JTD for an increase in tpd and maximum daily vehicle trips delivering solid waste, mitigation measures were adopted to reduce landfill operation impacts to the visual characteristics and quality of the site and its surroundings (County of San Bernardino 2012). The proposed project would not appreciably change the operations at the STSL and, therefore, would not require additional mitigations. No impacts would occur.

d) *Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?*

No impact. Direct light sources from the STSL are not visible from the viewshed off-site due to topography (County of San Bernardino 2012). For work after sunset, STSL has continued to use lamps that are adjustable to allow light to be focused downward. The use of shields on the lamps have assisted in preventing unnecessary light spillage onto adjacent lands and continue to avoid significant impacts. An existing mitigation was adopted as part of the 2012 CEQA analysis for the amendment of the JTD for work at night. The mitigation is as follows.

- All light from permanent and temporary night lighting shall be focused to ensure that areas illuminated are within the landfill or County property boundaries.

The temporary increase in tpd during wind days would not change requirements for use of lamps at the STSL. No impacts would occur.

Aesthetics Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
II. AGRICULTURE AND FORESTRY RESOURCES: In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b) Conflict with existing zoning for agricultural use or a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104[g])?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X

SUBSTANTIATION: (Check ☐ if project is located in the Important Farmlands Overlay):

Environmental Setting

Agriculture in the region was dominated in the past by citrus farming. Agriculture has declined in the past decades in the region by two-thirds (City of Redlands 2015).

Impact Analysis

- a) *Convert Prime Farmland, Unique Farmland or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?*

No impact. The STSL is located in lands that have been designated in the City of Redlands zoning map as agriculture. The STSL has been permitted to receive Class III solid waste since 1978. The

increase in tpd from 2,000 to 3,000 would not require an expansion of the existing facility and would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use. No impact would occur.

b) Conflict with existing zoning for agricultural use or a Williamson Act contract?

No impact. There are no Williamson Act contracts at the STSL (County of San Bernardino 2012). The temporary increase in tpd of solid waste would not cause impacts to Williamson Act lands. No impacts would occur.

c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

No impact. The STSL and surrounding area does not occur in forest lands. The temporary increase in tpd of solid waste would not cause impacts to forest lands. No impacts would occur.

d) Result in the loss of forest land or conversion of forest land to non-forest use?

No impact. The STSL and surrounding area does not occur in forest lands. The temporary increase in tpd of solid waste would not cause impacts to forest lands. No impacts would occur.

e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No impact. The proposed increase in tpd would not require the conversion of Farmland to non-agricultural use or the conversion of forest lands to non-forest use. No impact would occur

Agriculture and Forestry Services Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
III. AIR QUALITY: Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:			X	
a) Conflict with or obstruct implementation of the applicable air quality plan?			X	
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?			X	
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?			X	
d) Expose sensitive receptors to substantial pollutant concentrations?			-	X
e) Create objectionable odors affecting a substantial number of people?				X

SUBSTANTIATION: (Discuss conformity with the South Coast Air Quality Management Plan, if applicable):

Environmental Setting

Air Pollutants

Air pollutant emissions within the South Coast Air Basin (SCAB) are generated from stationary, mobile, and natural sources. Stationary sources can be divided into two major subcategories: point and area sources. Point sources occur at an identified location and are usually associated with manufacturing and industry. Examples are boilers or combustion equipment that produce electricity or generate heat. Area sources are widely distributed and produce many small emissions. Examples of area sources include residential and commercial water heaters, painting operations, portable generators, lawn mowers, agricultural fields, landfills, and consumer products such as barbeque lighter fluid and hair spray. Construction activities that create fugitive dust such as excavation and grading also contribute to area source emissions. Mobile sources refer to emissions from on- and off-road motor vehicles, including tailpipe and evaporative emissions. On-road sources may be legally operated on roadways and highways. Off-road sources include aircraft, trains, and construction equipment. Mobile sources account for majority of the air pollutant emissions within the air basin. Air pollutants can also be generated by the natural environment such as when fine dust particles are pulled off the ground surface and suspended in the air during high winds (Tetra Tech 2018).

To protect the public health and welfare, the federal and State governments have identified five criteria air pollutants and a host of air toxics and have established ambient air quality standards through the Federal Clean Air Act and the California Clean Air Act. The air pollutants for which federal and State standards have been promulgated and which are most relevant to air quality planning and regulation in the air basins include ozone, carbon monoxide, suspended particulate matter, sulfur dioxide, and lead.

Air pollutants are typically classified as primary or secondary pollutants. Carbon monoxide (CO), nitrogen dioxide (NO₂), particulate matter (PM), Sulfur Dioxide (SO₂), and Lead (Pb) are considered primary pollutants because they are emitted directly into the atmosphere. Ozone (O₃), a secondary pollutant, is formed through a photochemical reaction in the atmosphere with reactive organic compounds (ROGs) and nitrogen oxides (NO_x) in the presence of sunlight. Both the federal and State governments have established ambient air quality standards for outdoor concentrations of various pollutants in order to protect public health, as shown in Table 2. The national and State ambient air quality standards have been set at levels whose concentrations could be generally harmful to human health and welfare and to protect the most sensitive persons from illness or discomfort with a margin of safety. While ambient air quality standards have been developed specifically for O₃ and NO_x, there is no State or federal ambient air quality standard for ROGs. ROGs include many compounds of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, and methane, among others. While the State and federal entities have not established ambient attainment levels for ROGs, they have for O₃. Because ROGs react with NO_x through photochemical reactions to form ozone, air districts, including SCAQMD, have provided ROG significance thresholds for project-level analysis in order to further limit the levels of ROGs available in the atmosphere that can be converted to ozone.

Table 2: State and Federal Air Quality Standards

Pollutant	Averaging Time	California Standards ^a		Federal Standards ^b		
		Concentration ^c	Method ^d	Primary ^{c,e}	Secondary ^{c,f}	Method ^g
Ozone (O ₃)	1 Hour	0.09 ppm (180 µg/m ³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m ³)		0.070 ppm (137 µg/m ³)		
Respirable Particulate Matter (PM ₁₀)	24 Hour	50 µg/m ³	Gravimetric or Beta Attenuation	150 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m ³		—		
Fine Particulate Matter (PM _{2.5})	24 Hour	No Separate State Standard		35 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m ³	Gravimetric or Beta Attenuation	12 µg/m ³		
Carbon Monoxide (CO)	8 Hour	9 ppm (10mg/m ³)	Non-Dispersive Infrared Photometry (NDIR)	9 ppm (10 mg/m ³)	None	Non-Dispersive Infrared Photometry (NDIR)
	1 Hour	20 ppm (23 mg/m3)		35 ppm (40 mg/m ³)		
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m ³)		—	—	—
Nitrogen Dioxide (NO ₂)	Annual Arithmetic Mean	0.03 ppm (56 µg/m ³)	Gas Phase Chemiluminescence	0.053 ppm (100 µg/m ³)	Same as Primary Standard	Gas Phase Chemi-luminescence
	1 Hour	0.18 ppm (339 µg/m ³)		0.10 ppm	None	
Sulfur Dioxide (SO ₂)	24 Hour	0.04 ppm (105 µg/m ³)	Ultraviolet Fluorescence	0.14 ppm (365 µg/m ³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method) ⁹
	3 Hour	—		—	0.5 ppm (1300 µg/m ³)	
	1 Hour	0.25 ppm (655 µg/m ³)		0.075 ppm (196 µg/m ³)	—	
Lead (Pb) ^h	30 Day Average	1.5 µg/m ³	Atomic Absorption	—	—	—
	Calendar Quarter	—		1.5 µg/m ³	Same as Primary Standard	High Volume Sampler and Atomic Absorption
	Rolling 3-Month Average	—		0.15 µg/m ³		

Pollutant	Averaging Time	California Standards ^a		Federal Standards ^b		
		Concentration ^c	Method ^d	Primary ^{c,e}	Secondary ^{c,f}	Method ^g
Visibility Reducing Particles	8 Hour	Extinction coefficient of 0.23 per kilometer — visibility of ten miles or more (0.07 — 30 miles or more for Lake Tahoe) due to particles when relative humidity is less than 70 percent. Method: Beta Attenuation and		No Federal Standards		
Sulfates (SO ₄)	24-Hour	25 µg/m ³	Ion Chromatography			
Hydrogen Sulfide	1-Hour	0.03 ppm (42 µg/m ³)	Ultraviolet Fluorescence			
Vinyl Chloride ^h	24-Hour	0.01 ppm (26 µg/m ³)	Gas Chromatography			

^a California standards for ozone, carbon monoxide (except Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, suspended particulate matter (PM₁₀ and PM_{2.5}) and visibility reducing particles, are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

^b National standards (other than ozone, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest eight hour concentration in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than one. For PM_{2.5}, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard.

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

^d Any equivalent procedure which can be shown to the satisfaction of the California Air Resources Board (CARB) to give equivalent results at or near the level of the air quality standard may be used.

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

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

^g Reference method as described by the EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the EPA.

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

Source: California Air Resources Board (<http://www.arb.ca.gov/research/aaqs/aaqs2.pdf>, updated 05/04/16)

Air Pollutant Constituents and Attainment Status

A state or region is given the status of "attainment" or "unclassified" if ambient air quality standards have not been exceeded. A status of "nonattainment" for particular criteria pollutants is assigned if the ambient air quality standard for that pollutant has been exceeded. Once designated as nonattainment, attainment status may be achieved after three years of data showing non-exceedance of the standard. When an area is reclassified from nonattainment to attainment, it is designated as a maintenance area, indicating the requirement to establish and enforce a plan to maintain attainment with the standard. Following is a short description of the regulated air pollutants and their effect on human health.

Ozone

Ozone (O₃) is a colorless toxic gas that irritates the lungs and damages materials and vegetation. During the summer's long daylight hours, plentiful sunshine provides the energy needed to fuel photochemical reactions between NO₂ and ROG_s which result in the formation of O₃. Conditions that lead to high levels of O₃ are adequate sunshine, early morning stagnation in source areas, high surface temperatures, strong and low morning inversions, greatly restricted vertical mixing during the day, and daytime subsidence that strengthens the inversion layer (all of which are characteristic of Southern California). Short-term exposures (lasting for a few hours) to ozone at levels typically observed in Southern California can result in changes in breathing patterns, reductions in lung capacity, and increased susceptibility to respiratory illnesses. O₃ is a problematic air contaminant in the SCAB. Maximum ozone concentrations in the SCAB usually are recorded during summer months.

Nitrogen Dioxides

The forms of nitrogen oxide that are important in air pollution are nitric oxide (NO) and nitrogen dioxide (NO₂). NO is a colorless, odorless gas formed by a combination of nitrogen and oxygen when combustion takes place under high temperatures and pressures. NO₂ is a reddish-brown gas formed by the combination of NO with oxygen. Combustion in motor vehicle engines, power plants, refineries and other industrial operations, as well as ships, railroads and aircraft, are the primary sources of NO. NO₂ at atmospheric concentrations is a potential irritant and can cause coughing in healthy persons, due to increased resistance to air flow and airway contraction. Larger decreases in lung functions are observed in individuals with preexisting respiratory illness. Long-term exposure to NO₂ can potentially lead to increased levels of respiratory illness in children. NO_x is one of the main ingredients involved in the formation of ground-level ozone, which can trigger serious respiratory problems.

Carbon Monoxide

Carbon monoxide (CO) is a product of inefficient combustion, principally from automobiles and other mobile sources of pollution. In many areas of California, CO emissions from sources such as wood-burning stoves and fireplaces also can be measurable contributors during cold-weather months. Industrial sources of pollution generally contribute less than 10 percent of ambient CO levels. Peak CO levels occur typically during winter months because of a combination of seasonal contributions from home heating devices and stagnant weather conditions. CO reduces the oxygen-carrying capacity of the blood and in high concentrations can cause death. At lower concentrations, people exposed experience dizziness and headaches.

Sulfur Dioxide

Sulfur dioxide (SO₂) is produced when any sulfur-containing fuel is burned. Chemical plants that treat or refine sulfur or sulfur-containing chemicals also emit SO₂. Because of the complexity of the chemical reactions that convert SO₂ to other compounds (such as sulfates), peak concentrations of SO₂ occur at different times of the year in different parts of the State, depending on local fuel characteristics, weather, and topography. SO₂ can cause bronchia constriction and may aggravate respiratory diseases. In moist environments, SO₂ may combine with water to form sulfuric acid, a component of acid deposition.

Fine Particulates (PM₁₀, PM_{2.5})

Particulate matter in the air is composed of windblown fugitive dust; particles emitted from combustion sources (usually carbon particles); and organic, sulfate, and nitrate aerosols formed in the air from emitted hydrocarbons, sulfur oxides, and oxides of nitrogen. In 1984, the California Air Resources Board (CARB) adopted standards for fine particulate (PM₁₀ - particulate matter of less than 10 microns), and phased out the total suspended particulate (TSP) standards used up to that time. PM₁₀ standards were substituted for TSP standards because PM₁₀ corresponds to the size range of inhalable particulate related to human health. In 1987, EPA also replaced national TSP standards with PM₁₀

standards. In July 1997, the Environmental Protection Agency (EPA) adopted new standards for fine particulate matter less than 2.5 microns in diameter (PM_{2.5}).

Particulates are a public health and welfare concern for several reasons. Particulates may be intrinsically toxic because of their inherent chemical and/or physical characteristics. Particulate matter may interfere with one or more of the mechanisms that normally clear the respiratory tract. Finally, fine particulates, which are easily carried deep into the lungs, may act as carriers of absorbed toxic substances. Thus, elevated particulate concentrations may exacerbate preexisting respiratory diseases such as bronchitis. Particulate matter, especially fine particulate, also interferes with visibility. The SCAB currently exceeds both the federal and State PM_{2.5} standards. It is classified as attainment for the federal PM₁₀ standard and non-attainment for the State PM₁₀ standard.

Lead

Lead is found in old paints and coatings, plumbing, and various other materials. Once in the blood stream, lead can cause damage to the brain, nervous system, and other body systems. Children are highly susceptible to the effects of lead.

Toxic Air Contaminants

Toxic Air Contaminants (TACs) are a diverse group of air pollutants that can affect human health, but have not had ambient air quality standards established for them. This is not because they are fundamentally different from the pollutants discussed above, but because their effects tend to be local rather than regional. CARB has designated nearly 200 compounds as TACs. Additionally, CARB has implemented control measures for a number of compounds that pose high risks and show potential for effective control. The majority of the estimated health risks from TACs can be attributed to a relatively few compounds, the most important being particulate matter from diesel-fueled engines. Inhaling TACs may increase the chances of experiencing various health problems, such as cancer, respiratory tract irritation, birth defects, etc.

Existing Regional Air Quality Emissions

Measurements of ambient concentrations of criteria pollutants are used by the United States EPA and the ARB to assess and classify the air quality of each air basin, county, or, in some cases, a specific developed area. The classification is determined by comparing monitoring data with national and California air quality standards. If a pollutant concentration in an area is lower than the standard, the area is classified as being in "attainment." If the pollutant exceeds the standard, the area is in marginal, moderate, serious, severe, or extreme "nonattainment," depending on the magnitude of the air quality standard exceedance. If there are not enough data available to determine whether the standard is exceeded in an area, the area is designated "unclassified."

South Coast Air Basin

The SCAB is surrounded by mountains trapping the air and its pollutants in the valleys or basins below. This area, also known as the Basin, includes all of Orange County and the non-desert portions of Los Angeles, San Bernardino, and Riverside Counties. Bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east, the SCAB is an area of high air pollution potential. The regional climate within the Basin is considered semi-arid and is characterized by warm summers, mild winters, infrequent seasonal rainfall, moderate daytime onshore breezes, and moderate humidity. Air quality within the Basin is influenced by a wide range of emissions sources, such as dense population centers, heavy vehicular traffic, and industry.

The annual average temperature varies throughout the Basin. Annual temperature in Los Angeles ranges from the low 50°F to over 110°F during the summer. The project is located in the northern portion of Los Angeles County. Typically, the hottest months are July and August, and the coldest months are December and January. The majority of annual rainfall in the Basin occurs between December and

March. Summer rainfall is minimal and generally limited to scattered thundershowers in coastal regions. The annual average total of rainfall in the SCAB area of the Los Angeles County is 15 inches. The Basin experiences a persistent temperature inversion, which is characterized by increasing temperature with increasing altitude. This inversion limits the vertical dispersion of air contaminants, holding them relatively near the ground. As the sun warms the ground and the lower air layer, the temperature of the lower air layer approaches the temperature of the base of the inversion (upper) layer until the inversion layer finally breaks, allowing vertical mixing with the lower layer. Aside from a persistent temperature inversion, the vertical dispersion of air contaminants in the Basin is also affected by wind conditions. The combination of stagnant wind conditions and low inversions produces the greatest pollutant concentrations. Conversely, on days of no inversion or high wind speeds, ambient air pollutant concentrations are the lowest. During periods of low inversions and low wind speeds, air pollutants generated in urbanized areas in the Basin are transported eastward, predominantly into Riverside and San Bernardino Counties. Santa Ana winds, which are strong and dry north or northeasterly winds that occur during the fall and winter months, disperse air contaminants differently through the Basin, generally resulting in worse air conditions in the western parts of the Basin. Santa Ana conditions tend to last for several days at a time.

SCAB has very low average wind speeds; the dominant daily wind pattern is an onshore 8 to 12 mph during the day and offshore 3 to 5 mph winds during the night. These wind patterns are disrupted occasionally by winter storms or strong northeasterly Santa Ana winds from the mountains and deserts northeast of the SCAB. Table 3 lists criteria air pollutants and their attainment status in the SCAB.

Table 3: Criteria Pollutants Attainment Status in the South Coast Air Basin

Air Pollutants	State	Federal
Ozone (1-Hour)	Nonattainment	-
Ozone (8-Hour)	Nonattainment	Nonattainment
PM2.5	Nonattainment/Unclassified	Nonattainment
PM10	Nonattainment	Nonattainment
NO2	Attainment	Unclassified/Attainment
CO	Attainment	Unclassified/Attainment
SO2	Attainment	Attainment
Lead	Attainment	Unclassified/Attainment (Orange County) Nonattainment (portion of Los Angeles County)
Sulfates	Attainment	-
Hydrogen Sulfide	Unclassified	-
Visibility Reducing Particles	Unclassified	-

Source: California Air Resources Board, 18 October 2017

www.arb.ca.gov/design/adm/adm.htm

Criteria Pollutants

SCAQMD has published thresholds of significance for air quality. A project has a significant air quality impact if it does one of the following.

- Generates total emissions that exceed the thresholds shown in Table 4; and/or

- Maximum daily localized emissions are greater than the Localized Significance Thresholds (LST), resulting in predicted ambient concentrations in the vicinity of the project site greater than the most stringent ambient air quality standards for CO and NO₂; and/or
- Maximum localized PM₁₀ or PM_{2.5} emissions during construction are greater than the applicable LSTs, resulting in predicted ambient concentrations in the vicinity of the site to exceed 50 µg/m³ over five hours (SCAQMD Rule 403 control requirement); and/or
- The project would not be compatible with SCAQMD and Southern California Association of Governments (SCAG) air quality policies. The project is not compatible with SCAQMD and SCAG air quality policies if it:

Causes an increase in the frequency or severity of existing air quality violations;

Causes or contributes to new air quality violations;

Delays timely attainment of air quality standards or the interim emission reductions specified in the SCAQMD's Air Quality Management Plan (AQMP); or

Exceeds the assumptions utilized in the SCAQMD's AQMP.

Table 4: Significant Emission Threshold

Mass Daily Thresholds ^(a)		
Pollutant	Construction ^(b)	Operation ^(c)
Nitrogen Oxide (NOx)	100 lbs/day	55 lbs/day
Reactive Organic Gas (ROG)	75 lbs/day	55 lbs/day
Particle Pollution (PM ₁₀)	150 lbs/day	150 lbs/day
Particle Pollution (PM _{2.5})	55 lbs/day	55 lbs/day
Sulfur Oxides (SOx)	150 lbs/day	150 lbs/day
Carbon Monoxide (CO)	550 lbs/dav	550 lbs/day
Lead	3 lbs/day	3 lbs/day
Toxic Air Contaminants (TACs), Odor, and Greenhouse Gas (GHG) Thresholds		
TACs (including carcinogens and non-carcinogens)	Maximum Incremental Cancer Risk> 10 in 1 million Chronic and Acute Hazard Index > 1.0 (project increment) Cancer Burden > 0.5 excess cancer cases (in areas > 1 in 1 million)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	
GHG	10,000 MT/yr Carbon Dioxide (CO ₂) eq for industrial facilities	
Ambient Air Quality for Criteria Pollutants ^{d)}		
NOx	In attainment; significant if project causes or contributes to an exceedance of any standard:	
1-hour average	0.18 ppm (State)	
Annual average	0.03 ppm (State) and 0.0534 ppm (federal)	
PM₁₀	10.4 g/m ³ (construction) and 2.5 jg/m ³ (operation)	
24-hour average	1.0 g/m ³	
Annual average		
PM_{2.5}	10.4 g/m ³ (construction) and 2.5 g/m ³ (operation)	
24-hour average		

SO₂ 1-hour average 24-hour average	0.255 ppm (State) and 0.075 ppm federal - 99 th percentile) 0.04 ppm (State)
Ambient Air Quality for Criteria Pollutants^{d)}	
Sulfate 24-hour average	25 g/m ³ (State)
CO 1-hour average 8-hour average	In attainment; significant if project causes or contributes to an exceedance of any standard: 20 ppm (State) and 35 ppm (federal) 9.0 ppm (State/federal)
Lead 30-day average Rolling 3-month average	1.5 g/m ³ (State) 0.15 g/m ³ (federal)

a) Source: SCAQMD CEQA Handbook

b) Construction thresholds apply to both the South Coast Air Basin (SCAB) and Coachella Valley (Salton Sea and Mojave Desert Air Basin).

c) For Coachella Valley; the mass daily thresholds for operation are the same as the construction thresholds.

d) SCAQMD Rule 1303 Table A-2 unless otherwise stated.

KEY: ppm = parts per million; g/m³ = microgram per cubic meter; lbs/day = pounds per day; MT/yr CO_{2eq} = metric tons per year of CO₂ equivalents.

An analysis of possible impacts to air quality as a result of the intermittent diversion of up to 1,000 tpd of refuse from MVSL to STSL for a maximum of 15 days per year and a modification to the final grading plan that increases the total refuse airspace capacity by approximately 1,000,000 cubic yards was completed for this IS and is found as Appendix A (Tetra Tech 2018).

To determine if air quality impacts from the intermittent diversion of trash from MVSL to STSL plus the increase in airspace to air quality, impacts were evaluated and compared to the significance criteria in Table 4 (Tetra Tech 2018). Any air quality impact would mainly occur in the operational phase, since no major construction activities are proposed. During the operational phase, emission increases would include the following sources.

1. Incremental increase in use of existing heavy equipment to manage the additional tonnage received from MVSL; this is only applicable to the localized health risk assessment as the criteria air pollutant emissions would have been generated at MVSL if the waste had not been diverted, which is within the SCAB.
2. Increase of mileage travelled by offsite refuse haul trucks travelling to STSL instead of MVSL.
3. Increase of onsite refuse haul trucks at STSL; this is only applicable to the localized health risk assessment as the criteria air pollutant emissions would have been generated at MVSL if the waste had not been diverted, which is within the SCAB.
4. Increase of fugitive dust emissions from refuse trucks travelling on unpaved and paved roads at STSL.
5. Increased emissions of landfill gas from refuse decomposition related to the additional refuse airspace capacity.
6. Increased emissions of landfill gas combustion products in the landfill gas flares related to the additional refuse airspace capacity.

The results of the criteria pollutants impact analysis from the project are summarized in Table 11 of Appendix A and all results were below levels of significance in Table 4 above. In addition, the results of the Toxic Air Contaminates Risk Assessment determined that chronic and acute health risk impacts are below the SCAQMD significance threshold of one. Finally, no cumulative significant effects to greenhouse gases from the long-term operation are anticipated from implementation of the project (Tetra Tech 2018).

Impact Analysis

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

Less than Significant. The SCAQMD is required, pursuant to the Clean Air Act, to reduce emissions of certain pollutants for which the Basin is in non-attainment (i.e., ozone and PM10). The proposed intermittent diversion of trash from MVSL to STSL plus increase in airspace would be subject to the SCAQMD's Air Quality Management Plan (AQMP). The AQMP contains a comprehensive list of pollution control strategies directed at reducing emissions and achieving ambient air quality standards. These strategies are developed, in part, based on regional population, housing, and employment projections.

The determination of AQMP consistency is primarily concerned with the long-term influence of the project on air quality in the Basin. The intermittent diversion of trash from MVSL to STSL plus increase in airspace would not result in short-term and long-term regional impacts. The project would comply

with SCAQMD Rule 403 and would implement all feasible mitigation measures for control of PM₁₀ and PM_{2.5}; the project would be consistent with the goals and policies of the AQMP for control of fugitive dust. The proposed project is not expected in conflict with the AQMP (Tetra Tech, Inc. 2018). The amount of pollutants within the SCAB will not change as the MVSL is in the basin and emissions associated with temporarily diverted waste are being translocated to STSL with no net increase from a basin-wide perspective.

- b) *Violate any air quality standard or contribute substantially to an existing or projected air quality violation?*

Less Than Significant. Based on an analysis of possible sources of emissions during the intermittent diversion of trash from MVSL to STSL and the increase in air space, no increases in emissions would exceed SCAQMD's regional and localized threshold standards.

- c) *Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?*

Less Than Significant No cumulatively significant effects are anticipated for the proposed project. Long term operation and maintenance of the project improvements to be implemented would result in minimal air quality impacts and would not contribute to cumulatively significant air quality impacts in the project vicinity. Therefore, no cumulatively significant effects from long-term operation are anticipated from implementation of the proposed project.

- d) *Expose sensitive receptors to substantial pollutant concentrations?*

No Impact. The intermittent diversion of trash from MVSL to STSL plus increase in airspace would not expose off-site receptors to significant levels of toxic air contaminants (Tetra Tech, Inc. 2018).

- e) *Create objectionable odors affecting a substantial number of people?*

No Impact. The intermittent diversion of trash from MVSL to STSL plus increase in airspace would not create objectionable odors that would affect a substantial number of people. The STSL has mitigations in place to control odors and no sensitive receptors are found in proximity to the landfill.

Air Quality Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
IV. BIOLOGICAL RESOURCES: Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?				X
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?				X
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

SUBSTANTIATION: (☐ Check if project is located in the Biological Resources Overlay or Contains habitat for any species listed in the California Natural Diversity Database):

Environmental Setting

The STSL is generally disturbed due to landfill activities that includes grading, landfilling of trash delivered from off-site and related heavy equipment traffic. Where it exists, vegetation is primarily non-native ruderal weeds that are found in areas of active disturbance. Non-native grasses and annual plants are found on revegetated slopes. The 2012 Initial Study prepared for revision of the existing SWFP and JTD identified Riversidian sage scrub plant community with some elements of chamise chaparral are found on undisturbed slopes (County of San Bernardino 2012).

Impact Analysis

- a) *Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?*

No impact. The STSL is an active Class III landfill. The proposed increase in tpd and airspace would not require expansion of the existing landfill footprint or changes to the existing infrastructure at the landfill. Expansion into undisturbed habitat or habitat with the potential to support sensitive biological resources would not be needed.

- b) *Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?*

No impact. The proposed increase in tpd and airspace would not require expansion of the existing landfill footprint or changes to the existing infrastructure at the landfill. Expansion into a sensitive natural community such as riparian habitat would not occur with revision of the SWFP for the increase in tpd.

- c) *Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?*

No impact. As previously indicated earlier, the proposed increase in tpd and airspace would not require expansion of the existing landfill footprint or changes to the existing infrastructure at the landfill. Expansion into potential waters subject to regulatory authority would not occur.

- d) *Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?*

No impact. As the proposed increase in tpd and airspace would not require expansion of the existing landfill footprint or changes to the existing infrastructure at the landfill, the proposed increase in tpd would not interfere with the movement of native resident or migratory fish or wildlife species. The increase in tpd would not interfere with any established or migratory wildlife corridors or impede the use of native wildlife nursery site.

- e) *Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?*

No impact. The proposed increase in tpd and airspace would not require expansion of the existing landfill footprint or changes to the existing infrastructure at the landfill and therefore, the proposed increase in tpd would not conflict with local policies or ordinances protecting biological resources such as tree preservation policy or ordinances. No impact would occur.

- f) *Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?*

No impact. The proposed increase in tpd and airspace would not conflict the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan or other approved local, regional, or state habitat conservation plans. The STSL is not subject to such plans.

Biological Resources Impact Conclusions:

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
V. CULTURAL RESOURCES: Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in 15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to 15064.5?				X
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?			X	
d) Disturb any human remains, including those interred outside of dedicated cemeteries?				X

SUBSTANTIATION: (Check if project is located in the Cultural ☐ or Paleontologic ☐ Resources overlays or cite results of cultural resource review)

Environmental Setting

The STSL is located within the San Timoteo formation that is known to contain fossils (County of San Bernardino 2001). A number of fossils were discovered during the excavation of Cell 2. As a result, a mitigation to reduce impacts to a less than significant level for collecting and curation of fossils encountered during construction is being implemented at the STSL (County of San Bernardino 2012). No historic or prehistoric resources have been identified at the landfill.

Impact Analysis

- a) *Cause a substantial adverse change in the significance of a historical resource as defined in '15064.5?*

No Impact. The STSL has been an active sanitary landfill since 1978. An increase in tpd and airspace would not change the current landfill footprint or infrastructure and would not impact historic resources. There are no known historic resources present at the landfill.

- b) *Cause a substantial adverse change in the significance of an archaeological resource pursuant to '15064.5?*

No Impact. An increase in tpd and airspace would not change the current landfill footprint or infrastructure and would not impact historic resources. There are no known archeological resources within the current landfill boundary.

- c) *Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?*

Less than Significant Impact. A mitigation to reduce impacts to potential paleontological features present at the STSL to a less than significant level for collecting and curation of fossils encountered during construction is being implemented (County of San Bernardino 2012). A less than significant impact would occur as a result of an increase in tpd and calculated air space

- d) *Disturb any human remains, including those interred outside of formal cemeteries?*

No Impact. The proposed increase in tpd of solid waste and calculated airspace would not require an expansion of the existing landfill footprint. No new excavations are proposed. In the event human

remains are encountered, landfill personnel would contact the County Coroner in accordance with applicable State regulations. No impacts would occur

Cultural Resources Impact Conclusions:

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
VI. GEOLOGY AND SOILS: Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X	
Strong seismic ground shaking?			X	
Seismic-related ground failure, including liquefaction?				X
Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?				X
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in onsite or offsite landslide, lateral spreading, subsidence, liquefaction or collapse?				X
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?				X
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?				X

SUBSTANTIATION: (☐ Check if project is located in the Geologic Hazards Overlay District):

Environmental Setting

The Southern California region is known to be seismically active. The STSL is located in the general proximity of several active and potentially active faults. Active faults are defined as those that have experienced surface displacement within the Holocene period (approximately the last 11,000 years). The San Jacinto Fault that is capable of producing up to M_w 7.5 earthquakes, is located approximately 500 feet south of the STSL (County of San Bernardino 2012). The San Andreas Fault that is capable of producing up to M_w 8.2 earthquakes is located approximately 8 miles north of the site. As a result of being between these two faults, the region the STSL is located within is being stretched causing a series of faults known as the Crafton Hills fault zone (County of San Bernardino 2012). The intermittent transfer of solid waste from MVSL plus the calculated increase in airspace at the landfill would not increase pre-existing hazards from seismic events in the region.

The revised final grading plan steepens the perimeter slope from 3H:1V to 2H:1V between benches and includes an intermediate deck that, when combined with the geometry of the revised base grading plan, resulted in the elimination of a previously proposed earthen stability berm (Geo-Logic Associates 2016). A static slope stability and seismic deformation analysis for the revised grading plans and supporting stability evaluations have determined that the proposed changes are in compliance with the stability requirements of Title 27 (Geo-Logic Associates 2016).

Impact Analysis

a) *Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:*

- *Rupture of a known earthquake fault, as delineated on the most recent Alquist Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.*
- *Strong seismic ground shaking?*
- *Seismic related ground failure, including liquefaction?*
- *Landslides?*

i) **Less than significant impact.** The San Timoteo Formation underlies the area of the landfill and consists of poorly interbedded non-marine, sand, gravelly sand, sandy gravel, silt, clayey sand, and clay (County of San Bernardino 2014). The formation is semi-consolidated and locally moderately cemented and is estimated to underlie the landfill to a depth of at least 440 feet below ground surface (IT Corporation, 1989). The San Timoteo Formation is inferred to lie unconformably upon a crystalline bedrock complex (County of San Bernardino 2014).

The landfill is underlain by a thick sequence of semi-consolidated to consolidated Tertiary and Quaternary aged deposits of the San Timoteo Formation. The San Timoteo Formation is overlain in some stream valleys by Quaternary to recent age alluvium. These Quaternary to recent age alluvial sediments are estimated to be 15 to 30 feet thick. Both the San Jacinto Fault and San Andreas Faults are active and capable of producing strong ground shaking. The closest delineated Alquist-Priolo Special Study Zone is found approximately one-half to three-fourths of a mile from the STSL (State of California Department of Conservation 1977). The increase in solid waste diverted from the MVSL and calculated increase in airspace would not require development of human structures that may expose people to geological hazards. Normal landfill operation would not change with the temporary increase in solid waste diverted from the MVSL or the increase in airspace. A less than significant impact would occur.

- ii) **Less than significant impact.** The proposed increase in solid waste diverted from MVSL and increase in calculated airspace would not cause an increase exposure of workers or visitors to the landfill. Normal landfill operation would not change with the temporary increase in solid waste diverted from the MVSL. A less than significant impact would occur.
- iii) **No impact.** The proposed increase in solid waste at the STSL would not increase hazards from seismic-related ground failure that may include liquefaction. No impact would occur.
- iv) **No impact.** The proposed increase in solid waste at the STSL would not increase hazards from a landslide triggered by a seismic event.

b) *Result in substantial soil erosion or the loss of topsoil?*

No impact. The increased tpd would be worked into the existing work face of the landfill. No expansion of the existing landfill foot print or infrastructure and subsequent impacts to undisturbed top soil would be necessary to accommodate the increase in solid waste from the MVSL due to windy days.

c) *Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in onsite or offsite landslide, lateral spreading, subsidence, liquefaction or collapse?*

No impact. The increase in tpd of solid waste during windy days at MVSL and calculated airspace would not cause an expansion of the landfill onto a geologic unit or soil that is unstable, or that would become and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse.

- d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

No impact. Soils at the STSL have been classified as having sandy loam textures (United States Department of Agriculture 1980). These soils are not expansive. The proposed increase in tpd and calculated airspace would not require construction or expansion of the landfill footprint or infrastructure where the expansive nature of soils would be a consideration.

- e) *Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?*

No impact. The proposed increase in tpd of solid waste from the MVSL during windy days and increase in airspace would not require construction at the STSL that would include septic tanks or alternative wastewater disposal systems.

Geology and Soils Impact Conclusions:

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
VII. GREENHOUSE GAS EMISSIONS: Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	

Background

Global climate change refers to changes in average climatic conditions on Earth as a whole, including changes in temperature, wind patterns, precipitation and storms. Historical records indicate that global climate changes have occurred in the past due to natural phenomena; however, data indicate that current global conditions differ from past climate changes in rate and magnitude. According to the Intergovernmental Panel on Climate Change (IPCC), the increase in atmospheric GHGs is largely the result of human activities, namely fossil fuel combustion, land use changes and agriculture (IPCC 2007). GHGs are those compounds in the Earth's atmosphere that play a critical role in determining the Earth's surface temperature. Specifically, these gases allow high-frequency solar radiation to enter the Earth's atmosphere, but retain the low frequency energy which is radiated back from the Earth towards space, resulting in a warming of the atmosphere. Increased concentrations of GHGs in the Earth's atmosphere have been linked to global climate change and such conditions as rising surface temperatures, melting icebergs and snowpack, rising sea levels, and the increased frequency and magnitude of severe weather conditions.

GHGs include carbon dioxide (CO₂), methane (CH₄), ozone (O₃), water vapor, nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆). Carbon dioxide is the most abundant GHG in the atmosphere. GHGs are the result of both natural and anthropogenic activities. Forest fires, decomposition, industrial processes, landfills, and consumption of fossil fuels for power generation, transportation, heating, and cooking are the primary sources of GHG emissions.

In September 2006, Governor Arnold Schwarzenegger signed the California Global Warming Solutions Act of 2006, also known as AB 32, into law. AB 32 commits the State to achieving the following:

- 2000 GHG emission levels by 2010 (which represents an approximately 11 percent reduction from business as usual)
- 1990 levels by 2020 (approximately 25 percent below business as usual)

To achieve these goals, AB 32 mandates that CARB establish a quantified emissions cap, institute a schedule to meet the cap, implement regulations to reduce Statewide GHG emissions from stationary sources, and develop tracking, reporting, and enforcement mechanisms to ensure that reductions are achieved

The CEQA Guidelines, Section 15064.7, define a threshold of significance as an identifiable quantitative, qualitative or performance level of a particular environmental effect, noncompliance with which means the effect will normally be determined to be significant by the agency and compliance with which means the effect normally will be determined to be less than significant. CEQA gives wide latitude to lead agencies in determining what impacts are significant and does not prescribe thresholds of significance, analytical methodologies, or specific mitigation measures (OPR 2007). CEQA leaves the determination of significance to the reasonable discretion of the lead agency

and encourages lead agencies to develop and publish thresholds of significance to use in determining the significance of environmental effects.

The SCAQMD released a draft guidance document regarding interim CEQA GHG significance thresholds in October 2008. SCAQMD proposed a tiered approach, whereby the level of detail and refinement needed to determine significance increases with a project's total GHG emissions. In December 2008, SCAQMD adopted interim CEQA GHG significance thresholds for use only when SCAQMD is the lead agency on projects. These thresholds apply to industrial projects only, and include a 10,000 metric ton CO₂e screening level. For purposes of this analysis, the 10,000 metric ton CO₂e threshold for industrial projects is applied to this project.

While it is difficult to predict the specific impact of one project's incremental contribution to the global effects of GHG emissions due to a variety of factors, including the complex and long-term nature of such effects and the global scale of climate change, it is possible to determine whether a project is implementing design strategies consistent with the guidance that is available. Thus, if a project implements design strategies consistent with the goals of AB 32, the project will not be considered to have a significant impact with respect to global climate change, either on a project-specific basis or with respect to its contribution to a cumulative impact on global climate change.

Impact Analysis

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

Less than significant impact. In 2006, the governor of California signed Assembly Bill (AB) 32, The Global Warming Solutions Act of 2006. AB 32 requires that by year 2020, the greenhouse gas (GHG) emissions generated in California be reduced to the levels of 1990. While thresholds of significance guidelines have been developed, standards or significance thresholds have not been established by either SCAQMD or CARB. While new project emissions and air quality impacts are evaluated for significance on local or air quality basin, GHG emissions are based on global impacts. The temporary diversion of solid waste from MVSL would incrementally decrease the amount of GHG generated by operations and truck trips at MVSL. GHG emissions at STSL would incrementally increase with the extra 1,000 tpd increase for up to 15 windy days. There would not be a likely net increase in GHG due to the temporary diversion of solid waste to the STSL.

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

Less than significant impact. As indicated earlier, there are no SCAQMD or CARB standards or significance thresholds for GHG. The County of San Bernardino has published a Greenhouse Gas Reduction Plan that provides a set of actions to reduce GHG generated by 15 percent by 2020 (County of San Bernardino 2011). The temporary diversion of solid waste from MVSL to STSL during windy days would not conflict with the County of San Bernardino goal of reducing GHG. A less than significant impact would occur.

Greenhouse Gas Emissions Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
VIII. HAZARDS AND HAZARDOUS MATERIALS: Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			X	
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	X
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X

Environmental Setting

The STSL is a Class III landfill that is permitted to accept residential, commercial industrial, agricultural, construction, demolition and other non-hazardous inert wastes. The STSL is also permitted to accept dewatered sewage treatment sludge. No hazardous, explosive, or toxic substances are allowed to be disposed of at the STSL. Solid waste brought to the STSL for disposal are visually inspected as a part of the County's Loadchecking Program in order to prevent hazardous materials from being disposed of in the landfill. Loadchecking consists of regular visual inspection of the wastes loads; inspecting random incoming loads; training of facility personnel in hazardous waste recognition and proper hazardous waste handling procedures; and installation of signs at the facility entrance indicating that no hazardous materials are permitted at the site (County of San Bernardino 2012). If hazardous materials are observed during visual inspection, the materials are segregated from the tipping area and transferred to the on-site hazardous waste storage area for subsequent recycling or disposal in an appropriate non-Class III facility.

Impact Analysis

- a) *Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?*

Less Than Significant. The temporarily diverted solid waste would be subject to the same level of visual inspection as the existing waste stream.

- b) *Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?*

Less than significant impact. The diverted Class III solid waste from the MVSL during windy days and calculated increase to airspace would not create a significant hazard to the public or environment. As with the current waste stream disposed of at the STSL, the diverted solid waste would be screened for hazardous materials. Any hazardous materials encountered would be segregated and transferred to the hazardous waste storage area for subsequent disposal at an appropriate facility.

- c) *Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?*

No impact. There are no schools within $\frac{1}{4}$ mile of the STSL.

- d) *Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?*

No impact. The STSL is not a hazardous materials site as identified by Government Code Section 65962.5. No impact would occur.

- e) *For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?*

No impact. The STSL is not located near an airport. The closest airport to STSL are the Redlands Airport located approximately 9 miles to the northeast and the San Bernardino International Airport located approximately 10 miles to the northwest. The proposed increase in solid waste at STSL would not cause a safety hazard to people residing in the area due to the presence of an airport.

- f) *For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?*

No impact. The STSL is not located near a private airstrip. The proposed increase in solid waste at STSL would not cause a safety hazard to people residing in the area due to the presence of a private airstrip. No impact would occur.

- g) *Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?*

No Impact. The proposed increase in solid waste and calculated increase of airspace at STSL would not interfere with an adopted emergency response plant or emergency evacuation plan.

- h) *Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?*

No impact. The proposed increase in solid waste at STSL and calculated increase in airspace would not expose people or structures to a significant risk of loss, injury or death involving wildland fires.

Hazards and Hazardous Materials Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
IX. HYDROLOGY AND WATER QUALITY: Would the project:				
a) Violate any water quality standards or waste discharge requirements?			X	
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?				X
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation onsite or offsite?				X
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding onsite or offsite?				X
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?				X
f) Otherwise substantially degrade water quality?				X
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				X
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				X
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?				X
j) Inundation by seiche, tsunamis, or mudflow?				X

Environmental Setting

Stream flow in the vicinity of the STSL is intermittent and ephemeral and is directed toward the northeast away from the STSL. Rainfall runoff from the landfill and adjacent canyons are routed into a sedimentation basin located at the northern end of the landfill (County of San Bernardino 2014) that would trap sediments. A concrete spillway and an outlet pipe convey stormwater from the basin to an existing drainage way that then conducts runoff to a storm drain that eventually drains into San Timoteo Creek east of STSL. Groundwater quality at the STSL is monitored using a series of groundwater monitoring wells located up gradient and down gradient from the landfill. Leachate collection and removal system

and a liner system are in place to prevent groundwater pollution from landfilled solid waste from impacting water quality.

Impact Analysis

- a) *Violate any water quality standards or waste discharge requirements?*

Less Than Significant. With the increase in solid waste diverted from MVSL and a calculated increase in airspace, the STSL would continue to comply with CCR Title 27 for ensuring no impacts from all landfilling activities to water quality.

- b) *Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?*

No Impact. The increase in solid waste as a result of windy days at MVSL would have no impact on groundwater resources associated with the STSL. Current permitted activities at the STSL include the use of water for dust control. No additional groundwater resources would be required for the proposed increase in solid waste during windy days that force the temporary closure of the MVSL.

- c) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation onsite or offsite?*

No Impact. Stormwater flow in the vicinity of the STSL is controlled by a sedimentation basin and conveyance to direct stormwater into San Timoteo Creek found to the east of STSL. Storm generated within the landfill is controlled by on-site drainage controls designed to handle 100-year stormflows. The proposed increase in solid waste would not require alteration of the existing stormwater management system present at the landfill. The current landfill footprint and associated infrastructure would not require modification to accommodate an increase in solid waste and no impact to off-site drainage patterns would occur.

- d) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding onsite or offsite?*

No Impact. No changes to the landfill foot print or associated infrastructure would be necessary to accommodate the increase in diverted solid waste. No changes to off-site drainages would be required for STSL to receive the additional solid waste and no impact would occur

- e) *Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?*

No Impact. On-site drainage controls at the STSL have been designed to handle 100-year stormflows and sediment flow within the landfill. Off-site infrastructure has been designed to allow stormwater to flow around the landfill and manage sediment flow. The proposed increase in solid waste and calculated increase in airspace would not interfere with the existing drainage systems associated with the landfill.

- f) *Otherwise substantially degrade water quality?*

No Impact. As on-site and off-site drainage controls at the STSL have been designed to handle 100-year stormflows and sediment flow. The proposed increase in solid waste and calculated increase in

airspace would not interfere with the existing drainage systems associated with the landfill and would not degrade water quality.

- g) *Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?*

No Impact. Based on a review of the Flood Insurance Rate Map Number 06071C8714H for the STSL, the landfill is located in Flood Zone X (Federal Emergency Management Act 2008). Flood Zone X is defined as an area determined to be outside of a 0.2% annual chance of floodplain (500-year flood zone).

- h) *Place within a 100-year flood hazard area structures which would impede or redirect flood flows?*

No Impact. The STSL is not within a 100-year flood hazard area. The increase in solid waste and calculated airspace would not cause a flooding hazard that may impede or redirect flood flows.

- i) *Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?*

No Impact. The proposed increase in solid waste at the STSL would not expose people or structures to hazards as a result of flooding that may include flooding due to failure of a levee or dam. No impact would occur.

- j) *Inundation by seiche, tsunami, or mudflow?*

No Impact. The STSL is located more than 50 miles from the Pacific Ocean and is not located near a large body of water that could generate enough energy to result in formation of a seiche, tsunami or mudflow. The proposed increase in solid waste would not cause a change to risks associated with seiche, tsunami or mudflow. No impact would occur.

Hydrology and Water Quality Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
X. LAND USE AND PLANNING: Would the project:				
a) Physically divide an established community?				X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				X
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?				X

Environmental Setting

The STSL is located within the corporate limits of the City of Redlands. While the City of Redlands has identified the zoning and land use for the STSL as agriculture (A-1) (City of Redlands 2014), the STSL is located on a 336-acre parcel owned by the County of San Bernardino. The County of San Bernardino has designated this STSL as a Public Facility (County of San Bernardino 2012).

Impact Analysis

a) Physically divide an established community?

No Impact. The STSL has been a permitted Class III landfill since 1978. The proposed project would be a revision of the SWFP for an increase in tpd from 2,000 to 3,000 and revised grading plans. The increase in solid waste diverted from MVSL would not divide an established community.

b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

No Impact. The temporary increase in solid waste delivered at the STSL during windy days that force the temporary closure of MVSL plus the calculated increase in airspace would not require changes to the current land use of the STSL, land use policy or regulation. No impact would occur.

c) Conflict with any applicable habitat conservation plan or natural community conservation plan?

No Impact. The STSL has not been identified as part of a Habitat Conservation Plan or a Natural Community Conservation Plan (NCCP). There are no HCPs or NCCPs located adjacent to the STSL. The proposed increase in solid waste at the STSL would not impact these resources.

Land Use and Planning Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
XI. MINERAL RESOURCES: Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X

Environmental Setting

The STSL is not located on lands that have been identified as a mineral resource area as identified by the Division of Mines and Geology (1984).

Impact Analysis

- a) *Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?*

No Impact. Increasing the amount of solid waste at the STSL will not impact known mineral resources.

- b) *Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?*

No Impact. Increasing the amount of solid waste at the STSL will not impact known mineral resources.

Mineral Resources Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
XII. NOISE: Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?				X
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?				X
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?				X
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				X

Environmental Setting

The STSL has been in operation as a Class III landfill since 1978. As part of the increase in permitted tonnage and maximum vehicles, a noise analysis due to the proposed increases was prepared (County of San Bernardino 2012). The resulting noise analysis determined that the existing noise perceived along San Timoteo Canyon Road exceeded the City of Redlands' threshold of acceptable noise of 60 decibels that is based on an A-weighted frequency correction for the subjective response of humans to noise (dBA). The increase in vehicles was determined to result in an increase of noise perceived along San Timoteo Canyon Road of 1 dBA. The 2012 analysis reported that noise less than 3 dBA is considered to be barely imperceptible by a trained ear and the calculated 1 dBA increase would not result in an increase in perceptible noise. Impact Analysis. The vehicles that would result from the temporary increase in solid waste diverted from MVSL would not exceed the current permitted vehicles of 1,092.

- a) *Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?*

No Impact. The increase in trips from the waste diverted from MVSL during windy days would not exceed the currently permitted 1,092. The increase in calculated airspace at the landfill would not cause an increase in noise. Normal landfill operations would continue. No increase in noise or exposure to noise would occur.

- b) *Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?*

No Impact. No increase in noise or ground borne noise levels due to increases in vehicles would occur. Nominal increases of noise during landfill operations due to the increase in solid waste would be contained within the landfill.

- c) *A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?*

No Impact. A permanent increase in ambient noise levels due to increases in vehicles or the calculated increase to airspace would not occur. Nominal temporary increases of noise during landfill operations due to the increase in solid waste would be contained within the landfill.

- d) *A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?*

Less than Significant. Nominal temporary increases of noise during landfill operations due to the increase in solid waste would be contained within the landfill.

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

No Impact. There are no local airports or private air strips near the STSL. The closest airport is 9 miles away from STSL.

- f) *For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?*

No Impact. There are no local airports or private air strips near the STSL. The closest airport is 9 miles away from STSL. The proposed increase in solid waste to the STSL as a result of the temporary closure of the MVSL during windy days would not result in impacts as a result of excessive noise to local airports or a private air strip.

Noise Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
XIII. POPULATION AND HOUSING: Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X

Environmental Setting

The STSL is located in an area designated as a Public Facility and is surrounded by lands that are undeveloped hillsides, terrain and landscaping nurseries.

Impact Analysis

- a) *Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?*

No Impact. The proposed increase of tonnage diverted to STSL during windy days and temporary closure of MVSL plus the calculated increase in airspace would not directly or indirectly induce population growth in the area.

- b) *Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?*

No Impact. The proposed increase of tonnage diverted to STSL during windy days and temporary closure of MVSL plus the calculated increase in airspace would not directly or indirectly displace existing housing requiring construction of replacement housing.

- c) *Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?*

No Impact. The proposed increase of tonnage diverted to STSL during windy days and temporary closure of MVSL plus the calculated increase in airspace would not displace people that would require construction of replacement housing.

Population and Housing Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
XIV. PUBLIC SERVICES:				
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?				X
Police protection?				X
Schools?				X
Recreation/Parks?				X
Other public facilities?				X

Environmental Setting

The STSL is an active, permitted Class III landfill and an increase in tonnage of solid waste would not impact existing facilities or require construction of new facilities. The STSL has operational procedures in place to reduce the potential for fire hazards. Operation of the STSL with the increased solid waste tonnage would not change the need for police protection. The increase in tonnage would not require an increase in employment and subsequent increase in schools or impact local parks. The STSL is a public facility under oversight by the County of San Bernardino, the LEA, CalRecycle and the RWQCB.

Impact Analysis

- a) *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services: Fire protection, Police protection, Schools, Recreation/Parks, Other public facilities?*

No Impacts. Changes to the SWFP as a result of approval to accept the proposed increase in solid waste when the MVSL is temporarily closed during windy days and the revised grading plans would be under regulatory oversight by County of San Bernardino, the LEA, CalRecycle and the RWQCB.

Public Services Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
XV. RECREATION:				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				X

Environmental Setting

No neighborhood or regional parks are found at the STSL or in the vicinity of the landfill.

Impact Analysis

- a) *Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?*

No impact. The proposed increase in tonnage and calculated air space would not require an increase in employment at the STSL and, therefore, would not result in an increased use of existing neighborhood and regional parks.

- b) *Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?*

No impact. The proposed increase in tonnage and calculated air space at the STSL does not include recreational facilities or requires the construction or expansion of recreational facilities.

Recreation Impact Conclusions:

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
XVI. TRANSPORTATION / TRAFFIC: Would the project:				
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?			X	
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?			X	
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
e) Result in inadequate emergency access?				X
f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?				X

Environmental Setting

Municipal solid waste is delivered to STSL from a service area that encompasses most of the valley area of San Bernardino County east of the City of San Bernardino. Access to the STSL is via San Timoteo Canyon Road.

As part of the 2012 proposed increase in tonnage and vehicles at the STSL, a traffic analysis was conducted to determine if increasing vehicles from 1,052 to 1,092 would cause a significant impact to local streets and road. Vehicles are defined as round trips and account for a vehicle traveling in and out of the landfill. To calculate the potential impacts associated with the increase in vehicles, a Traffic Impact Analysis (TIA) was prepared (County of San Bernardino 2012). The TIA analyzed traffic impacts with and without the increase in vehicles through the year 2035 in order to determine the Level of Service (LOS) that would occur as compared to LOS standards.

- LOS A: Free-flow traffic
- LOS B: Reasonably free-flowing traffic

- LOS C: Stable flow of traffic
- LOS D: Approaching unstable flow of traffic
- LOS E: Unstable flow at or near capacity levels
- LOS F: Forced or break-down traffic flow

Potential deficiencies and significant impacts to traffic and circulation on freeways were analyzed using the County of San Bernardino Congestion Management Program (CMP) definition of deficiency include:

- LOS E or better except where an existing LOS F condition is identified in the CMP would be considered acceptable.

The TIA found that the proposed increase to 1,092 vehicles would not contribute traffic greater than the freeway volume or greater than the arterial link threshold volume (County of San Bernardino 2012). The TIA findings also determined the following intersections that were operating at a deficient LOS were projected to operate at an unacceptable LOS with or without the proposed increase to 1,092 vehicles (Kunzman Associates, Inc. 2012):

- California Street (NS) at I-10 Freeway West Bound Ramps (EW)/Redlands Boulevard (EW);
- San Timoteo Road (NS) at Alessandro Road (EW); and
- Alabama Street (NS) at Barton Road (EW).

A mitigation development impact fee or fair share that would go toward a capital improvement program for recommended roadway improvements was identified. The fee would offset potential impacts to the following CMP intersections:

California Street (NS) at Redlands Boulevard (EW)	Construct two northbound Left Turn Lanes Construct two additional northbound Through Travel Lanes Construct a northbound Right Turn Lane Install northbound Right Turn Overlap Construct a southbound Through Travel Lane Construct an Additional Eastbound Left Turn Lane Construct an eastbound shared Through Travel/Right Turn Lane Construct a westbound Through Travel Lane
California Street (NS) at Barton Road (EW)	Construct a northbound Left Turn Lane Construct a northbound Through Travel Lane Construct a northbound Right Turn Lane Construct a southbound Through Travel Lane Construct an additional eastbound Left Turn lane Construct an eastbound shared Through Travel/Right Turn Lane Construct an additional westbound Through Travel Lane
San Timoteo Canyon Road (NS) at Lane to a Alessandro Road (EW)	Restripe existing eastbound shared Left Turn/Right Turn Left Turn Lane Construct an eastbound Right Turn Lane Install a Traffic Signal

Alabama Street (NS) at:
Redlands Boulevard (EW)

Construct an additional southbound Left Turn Lane
Construct an additional eastbound Right Turn Lane

Barton Road (EW)

Restripe existing northbound shared Left Turn/Through Travel Lane to a Left Turn Lane
Restripe existing northbound Right Turn Lane to a shared Through Travel/Right Turn Lane
Restripe existing southbound shared Left Turn/Through Travel Lane to a Left Turn Lane
Construct an additional eastbound Left Turn Lane

The intersection fair share costs were calculated based on evening peak hour traffic volumes and was determined to be \$61,218. (County of San Bernardino). This mitigation fee was provided to the City of Redlands on July 02, 2013. As a result of fair share fee payment to provide improvements to impacted intersections, impacts from the proposed increase to 1,092 vehicle trips was determined to be less than significant.

Impact Analysis

- a) *Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?*

Less Than Significant. The proposed increase in solid waste diverted from MVSL during windy days is expected to result in no more than 125 vehicle trips per day for up to 15 days per year. This is based on an average load of solid waste is 8 tons. With the proposed increase of 1,000 tons per day for up to 15 days, there would be an increase of approximately 125 vehicles to STSL. In 2015, an average total of 155 vehicles per day were recorded for solid waste delivery at the STSL. In 2016, an average total of 170 vehicles were recorded for solid waste delivery at STSL. The increase of tonnage during the temporary closer of MVSL during windy days would not exceed 1,092 vehicles currently permitted as STSL. The calculated increase in airspace would extend the life of the landfill and would not increase the number of vehicle trips.

- b) *Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?*

Less Than Significant. The proposed increase in solid waste diverted from MVSL during windy days is expected to result in no more than 125 vehicle trips per day for up to 15 days per year. The increase of tonnage during the temporary closer of MVSL during windy days would not exceed 1,092 vehicles currently permitted as STSL. The calculated increase in airspace would extend the life of the landfill and would not increase the number of vehicle trips. Current Level of Service being experienced regionally would not be additionally impacted by the increase in trips during windy days that cause MVSL to be shut down or the calculated increase in airspace.

- c) *Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?*

No impact. San Timoteo Sanitary Landfill does not lie within an airport safety review area (County of San Bernardino 2009). The proposed increase in tonnage during windy days that force temporary

closure of MVSL would not result in a change in air traffic patterns, an increase in traffic levels or substantial safety risks.

- d) *Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?*

No Impact. The current design of the entrance to the STSL allow waiting vehicles to queue up without interfering movement on Refuse Road or San Timoteo Canyon Road. No increase in traffic hazards as a result of temporarily diverted trash from MVSL would occur.

- e) *Result in inadequate emergency access?*

No Impact. The temporarily diverted trash from MVSL to STSL would not interfere with emergency access to the STSL.

- f) *Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?*

No Impact. The temporarily diverted trash from MVSL to STSL would not interfere with existing policies, plans or programs regarding public transit, bicycle or pedestrian facilities or decrease the performance or safety of these facilities.

Transportation/Traffic Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
XVII. TRIBAL CULTURAL RESOURCES: Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or				X
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.				X

Environmental Setting

The County of San Bernardino requested consultation with interested California Native American tribes on July 3, 2018. One tribe, the San Manuel Band of Mission Indians (SMBMI), provided a response on August 12, 2018. The San Manuel Band of Mission Indians SMBMI indicated that “As a result of the nature and location of the proposed project, SMBMI has no concerns.” Tribal consultation was concluded on August 21, 2018.

Impact Analysis

- a) *A tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k).*

During the consultation process, no Tribal Cultural Resources were identified by contacted tribes. As a result, no site feature, place, cultural landscape that is geographically defined in terms of size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe is present at the STSL.

No Impact. The proposed increase in solid waste diverted from MVSL plus increase to air space resulting from revised grading plans would not impact a site feature, place, cultural landscape that is geographically defined in terms of size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe.

b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1?

No Impact. Tribal consultation was initiated on July 3, 2018 and concluded on August 21, 2018. No tribes identified concerns with the proposed increase in solid waste diverted from MVSL plus increase to air space resulting from revised grading plans at the STSL.

Tribal Cultural Resources Conclusions

No significant adverse impacts are identified or anticipated, and no mitigation measures are required]

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
XVIII. UTILITIES AND SERVICE SYSTEMS: Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				X
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
c) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?			X	X
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?				X
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?				X
f) Be served by a landfill(s) with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				X
g) Comply with federal, state, and local statutes and regulations related to solid waste?				X

Environmental Setting

The STSL is a permitted landfill and there would be no requirement to change existing utilities. This IS documents changes to operations at the STSL in compliance with Title 27.

Impact Analysis

a) *Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board.*

No Impact. The proposed increase in solid waste diverted from MVSL plus increase to airspace resulting from revised grading plans would not require a change in wastewater treatment.

b) *Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?*

No Impact. The proposed increase in solid waste diverted from MVSL plus increase to airspace resulting from revised grading plans would not require construction of a new water or waste water treatment facility.

- c) *Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?*

Less Than Significant. The proposed increase in solid waste diverted from MVSL would not require construction of new storm drain facilities. The increase to airspace will require revisions to the existing drainage system within the landfill.

- d) *Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?*

No Impact. No additional water supplies are required for STSL to accept diverted waste from MVSL as a result of shut down due to winds. No additional water supplies are needed for landfilled waste in the calculated expanded airspace of the landfill.

- e) *Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?*

No Impact. No additional water supplies will be needed and as a result, no additional wastewater treatment will be required.

- f) *Be served by a landfill(s) with sufficient permitted capacity to accommodate the project's solid waste disposal needs?*

No Impact. The STSL has sufficient capacity to accommodate an additional 15,000 tons per year that may result from the temporary closure of MVSL during windy days. The calculated increase in airspace will allow more waste to be landfilled at the STSL.

- g) *Comply with federal, state, and local statutes and regulations related to solid waste?*

No Impact. The proposed increase in solid waste diverted from MVSL plus increase to airspace resulting from revised grading plans would require a revised SWFP and JTD to be updated and approved as per CCR Title 27 requirements.

Utilities and Service Systems Impact Conclusions

No significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact or Does Not Apply
MANDATORY FINDINGS OF SIGNIFICANCE:				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?				X
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?				X
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?				X

SUBSTANTIATION:

- a) *Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?*

The temporary increase in solid waste diverted to STSL during those up to 15 days that the MVSL is closed due to excessive winds plus the calculated increase in airspace at the landfill does not have the potential to degrade the quality of the environment. The landfill is currently in operation and does not have any natural communities. Work at the landfill is contained within the permitted limits of operation. The proposed project will not cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal or eliminate important examples of major periods of California history or prehistory.

- b) *Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?*

The proposed Project does not have impacts that are individually limited, but cumulatively considerable. The evaluation contained in this document determined that potential impacts to the environment are less than significant. Based on data provided in this document, including the type of project proposed and its location, it is concluded that implementation of the proposed Project will not result in impacts that are either individually or cumulatively considerable or significant when viewed in relation to past, present or probable future projects.

- c) *Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?*

The temporary increase in solid waste diverted to STSL during those up to 15 days that the MVSL is closed due to excessive winds plus the calculated increase in airspace at the landfill does not have the potential to cause a substantial adverse effect, either directly or indirectly, on human beings.

XIX. SUMMARY OF MITIGATION MEASURES

No mitigation measures were identified.

XX. REFERENCES

City of Redlands

- 1995 City of Redlands General Plan. Updated 2010
- 2015 City of Redlands-Zoning Map.

County of San Bernardino

- 2009 San Bernardino County Land Use Plan General Plan Hazard Overlays. Redlands, FH31B.
- 2011 General Plan Amendment and Greenhouse Gas Reduction Plan, State Clearinghouse Number 2005101038
- 2012 Update to the Joint Technical Document for the San Timoteo Sanitary Landfill
- 2014 San Timoteo Landfill Joint Technical Document.
- 2015 Mid-Valley Sanitary Joint Technical Document.

Federal Emergency Management Agency

- 2008 Flood Insurance Rate Map, San Bernardino County, California and Incorporated Areas, Map Number 06071C8714H, Map Revised August 28, 2008.

Geo-Logic Associates

- 2016 Revised Final Cover Grading Plan Slope Stability Evaluation, San Timoteo Sanitary Landfill, Redlands, California

IT Corporation

- 1989 *Final Report Solid Waste Assessment Test for the San Timoteo Sanitary Landfill*, June 1989.

Kunzman Associates, Inc.

- 2012 *San Timoteo Sanitary Landfill Traffic Impact Analysis*.

Tetra Tech, Inc.

- 2018 *Refuse Diversion Program and Modified Final Grading Plan San Timoteo Landfill Air Quality and Greenhouse Gas Technical Report*. Draft, May 2018

State of California Department of Conservation

- 1977 *Special Studies Zone, Redlands Quadrangle*. Revised official map, January 1, 1977.

United States Department of Agriculture

- 1980 *Soil Survey of San Bernardino County Southwestern Part, California*. United States Department of Agriculture Soil Conservation Service in cooperation with University of California Agricultural Experiment Station.

U.S. Geological Survey

- 1967 *Redlands* U.S. Geological Survey 7.5-minute topographic map. Photo-revised in 1981



EDMUND G. BROWN JR.
GOVERNOR

STATE OF CALIFORNIA
GOVERNOR'S OFFICE *of* PLANNING AND RESEARCH



KEN ALEX
DIRECTOR

October 16, 2018

Frank Luna
San Bernardino County
222 W. Hospitality Lane, Second Floor
San Bernardino, CA 92415-0182

Subject: Solid Waste Facility Permit Revision and Joint Technical Document Amendment San Timoteo
Sanitary Landfill
SCH#: 2018091031

Dear Frank Luna:

The State Clearinghouse submitted the above named Negative Declaration to selected state agencies for review. On the enclosed Document Details Report please note that the Clearinghouse has listed the state agencies that reviewed your document. The review period closed on October 15, 2018, and the comments from the responding agency (ies) is (are) enclosed. If this comment package is not in order, please notify the State Clearinghouse immediately. Please refer to the project's ten-digit State Clearinghouse number in future correspondence so that we may respond promptly.

Please note that Section 21104(c) of the California Public Resources Code states that:

"A responsible or other public agency shall only make substantive comments regarding those activities involved in a project which are within an area of expertise of the agency or which are required to be carried out or approved by the agency. Those comments shall be supported by specific documentation."

These comments are forwarded for use in preparing your final environmental document. Should you need more information or clarification of the enclosed comments, we recommend that you contact the commenting agency directly.

This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act. Please contact the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process.

Sincerely,

Scott Morgan
Director, State Clearinghouse

Enclosures
cc: Resources Agency

**Document Details Report
State Clearinghouse Data Base**

SCH# 2018091031
Project Title Solid Waste Facility Permit Revision and Joint Technical Document Amendment San Timoteo Sanitary
Lead Agency Landfill
San Bernardino County

Type Neg Negative Declaration
Description An IS has been prepared to identify and assess the potential environmental impacts from intermittent temporary diversion of up to 1,000 tpd of refuse from the MVSL to the STSL; for a max of 15 days per year. The diversion of refuse would be in response to windy days that force the temporary cessation of operations at MVSL. Proposed revised final grading plans and revised base grades in future lined areas results in an increase in refuse airspace at the landfill. A revision to the existing SWFP and an Amendment to the JTD for STSL would be required to allow the increased daily tonnage and for the revised grading plans and associated increase in refuse airspace.

Lead Agency Contact

Name	Frank Luna		
Agency	San Bernardino County		
Phone	(909) 386-8697	Fax	
email			
Address	222 W. Hospitality Lane, Second Floor		
City	San Bernardino	State CA	Zip 92415-0182

Project Location

County	San Bernardino				
City	Redlands				
Region					
Lat / Long	34° 00' 45.42" N / 117° 12' 54.4" W				
Cross Streets	Refuse Rd south of San Timoteo Canyon Rd				
Parcel No.					
Township	2S	Range	2W	Section	8
				Base	SBBM

Proximity to:

Highways	
Airports	
Railways	
Waterways	San Timoteo Creek
Schools	
Land Use	sanitary landfill/ag district/public institutional

Project Issues Aesthetic/Visual; Agricultural Land; Air Quality; Archaeologic-Historic; Biological Resources; Flood Plain/Flooding; Geologic/Seismic; Minerals; Noise; Public Services; Recreation/Parks; Soil Erosion/Compaction/Grading; Solid Waste; Toxic/Hazardous; Traffic/Circulation

Reviewing Agencies Resources Agency; Department of Conservation; Department of Fish and Wildlife, Region 6; Department of Parks and Recreation; Department of Water Resources; California Highway Patrol; Caltrans, District 8; Regional Water Quality Control Board, Region 8; Resources, Recycling and Recovery; Department of Toxic Substances Control; Office of Emergency Services, California; Native American Heritage Commission

Date Received	09/14/2018	Start of Review	09/14/2018	End of Review	10/15/2018



DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY

1001 I STREET, SACRAMENTO, CALIFORNIA 95814 • WWW.CALRECYCLE.CA.GOV • (916) 322-4027
P.O. BOX 4025, SACRAMENTO, CALIFORNIA 95812

October 15, 2018

Governor's Office of Planning & Research

OCT 15 2018

STATE CLEARINGHOUSE

Mr. Frank Luna
San Bernardino County
Public Works Department
222 West Hospitality Lane, Second Floor
San Bernardino, CA 92415

Subject: SCH No. 2018091031 - Notice of Completion of an Initial Study/Negative Declaration (IS/ND) Solid Waste Facility Permit Revision and Joint Technical Document Amendment for San Timoteo Sanitary Landfill, (Solid Waste Information Number 36-AA-0087), San Bernardino County

Dear Mr. Luna:

Thank you for allowing the Department of Resources Recycling and Recovery (CalRecycle) staff to provide comments for this proposed project and for your agency's consideration of these comments as part of the California Environmental Quality Act (CEQA) process.

PROJECT DESCRIPTION

The County of San Bernardino Department of Public Works, acting as Lead Agency, has prepared and circulated a Notice of Completion of a Negative Declaration (IS/ND) in order to comply with CEQA and to provide information to and solicit consultation with, Responsible Agencies in the approval of the proposed project.

The proposed project site is the San Timoteo Sanitary Landfill (STSL) located at 31 Refuse Road in the southwest corner of the City of Redlands. The project site is located south of Interstate 10 and East of Highway 215. Access to the project site is provided by various roadways. Traffic coming to the site turn onto Refuse Road south of San Timoteo Canyon Road. The project site consists of 366 acres and the site is zoned Agricultural by the City of Redlands General Plan Land Use Map and the County of San Bernardino land use designation is Public Facility. Undeveloped hillside terrain surround the proposed site. To the northwest of the project site are a few scattered residences and to the east is a landscape/compost business.

The proposed project would allow for revised final grading plans and revised base grades in future lined areas, which will add approximately one million cubic yards of airspace at the STSL. This would result in the current permitted design capacity at



STSL increasing from 20.4 million cubic yards to 22,685,785 cubic yards. The proposed project would also allow the intermittent temporary diversion of up to 1,000 tons per day (tpd) of refuse from the Mid-Valley Sanitary Landfill (MVSL) located at 2390 North Alder Avenue in the City of Rialto to STSL; for a maximum of 15 high windy days per year and a maximum of 15,000 tons per year. The high wind policy at MVSL requires the site to close to private vehicles when three or more gusts of 50 mile per hour (mph) or greater occur in any 30-minute period or during steady readings at 40 mph. With sustained winds at 40 mph, the site operator will determine if the site will also be closed to commercial haulers. This could result in the permitted maximum daily tonnage at STSL increasing from 2000 tpd to 3000 tpd, and the estimated closure year decreasing from July 2043 to December 2039. These proposed changes at STSL, require a revised Solid Waste Facility Permit and amended Joint Technical Document.

Operations at STSL would still be limited to a permitted maximum of 1,092 vehicles per day and elevation of 2,110 feet mean sea level. The STSL will also continue to open to the public during the current permitted hours of Monday through Saturday from 8:00 a.m. to 5:00 p.m. Site activities will remain the same at Monday through Saturday from 7:00 a.m. to 9:00 p.m.

COMMENTS

CalRecycle staff's comments on the proposed project are listed below. Where a specific location in the document is noted for the comment, please ensure the comment is addressed throughout all sections of the IS/ND, in addition to the specific location noted.

Comments for the IS/ND are summarized in the table below:

Chapter/Section	Page	Comment
Section 3 – Detailed Project Description	5	What is the proposed maximum depth (base grade) elevation?
Section 3 – Detailed Project Description	5	The permitted remaining capacity of 11,924,000 cubic yards calculated on December 31, 2017 resulted in a site life and closure date of March 2039. These calculations were based on a 1% annual growth rate and average daily tons of 950 from January 1, 2016 to April 15, 2017. Did the calculation of the estimated site life of STSL take into consideration the estimated closure date of the MVSL in 2033? Is the annual growth rate of 1% at STSL an underestimate?

VIII. Hazards/ Hazardous Materials/Impact Analysis Section (a)	42	More analysis is necessary in order to make a finding that the temporary diversion of an additional 1,000 tons on 15 windy days will have no impact on the existing load checking program at STSL. How will the temporarily diversion of an additional 1,000 tons of solid waste from MVSL to STSL on high wind days be subject to the same level of visual surveillance and inspection as the existing waste stream without additional trained load checking employees and additional random inspections?
XVIII. Utilities & Service Systems/Impact Analysis Section (g)	61	What measures will be taken to ensure compliance with all of the State Minimum Standards in Title 27 California Code of Regulations (27 CCR), including but not limited to the following: 27 CCR Section 20740 – Equipment, 27 CCR section 20680 – Daily Cover, 27 CCR Section 20640 – Spreading & Compactions, 27 CCR Section 20830 – Litter Control, and 27 CCR Section 20615 – Supervision? What measures will be taken to ensure that adequate and sufficient amounts of equipment and trained employees are available at STSL on each of the 15 windy days?

Solid Waste Regulatory Oversight

The San Bernardino County Department of Public Health, Division of Environmental Health Services is the Local Enforcement Agency (LEA) for San Bernardino County and responsible for providing regulatory oversight of solid waste handling activities, including permitting, inspections and enforcement. Please contact the LEA at (800) 442-2283 to discuss the regulatory requirements for the proposed project.

The proposed project will require concurrence by CalRecycle with the issuance by the Local Enforcement Agency of a Revised Solid Waste Facility Permit for the project as proposed.

CONCLUSION

CalRecycle staff thanks the Lead Agency for the opportunity to review and comment on this environmental document and hopes that this comment letter will be useful to the Lead Agency in carrying out their responsibilities in the CEQA process.

CalRecycle staff request copies of any subsequent environmental documents, copies of public notices, and any Notices of Determination for this project.

If the environmental document is adopted during a public hearing, CalRecycle staff requests 10 days advance notice of this hearing. If the document is adopted without a public hearing, CalRecycle staff requests 10 days advance notification of the date of the adoption and project approval by the decision-making body.

If you have any questions regarding these comments, please contact me at (951) 782-4168 or by e-mail at Dianne.Ohiosumua@CalRecycle.ca.gov.

Sincerely,



for

Dianne Ohiosumua, Environmental Scientist
Permitting and Assistance Branch – South Unit
Waste Permitting, Compliance and Mitigation Division

cc: Martin Perez, Supervisor
Permits and Assistance South Unit

Diana Almond, Supervisor
County of San Bernardino
Department of Environmental Health – LEA
Diana.Almond@dph.sbcounty.gov



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

SENT VIA E-MAIL AND USPS:

October 26, 2018

Michael.Perry@dpw.sbcounty.gov

Michael Perry, Supervising Planner
County of San Bernardino
Department of Public Works
825 E. 3rd Street
San Bernardino, CA 92415

Negative Declaration (ND) for the Proposed San Timoteo Sanitary Landfill Solid Waste Facility Permit Revision and Joint Technical Document Amendment Project

The South Coast Air Quality Management District (SCAQMD) staff appreciates the opportunity to comment on the above-mentioned document. The following comments are meant as guidance for the lead agency and should be incorporated into the final CEQA document.

SCAQMD Staff's Summary of Project Description

The lead agency proposes to divert 1,000 tons per day of refuse from Mid-Valley Sanitary Landfill to San Timoteo Sanitary Landfill for a maximum of 15 days per year (proposed project). The project is located at 31 Refuse Road on the southwest corner of San Timoteo Canyon Road and Palomares Road in the city of Redlands.

SCAQMD Staff's Summary of Air Quality Analysis

The lead agency determined that the proposed project would have less than significant impacts to regional and localized air quality during operation.¹ SCAQMD staff has comments regarding the air quality analysis and applicable SCAQMD permits, rules, and regulations. Please see SCAQMD staff's detailed comments below.

SCAQMD Staff's Comments

Air Quality Analysis

The lead agency found that there will be an increase in landfill gas generation and an increase in landfill gas combustion at San Timoteo Sanitary Landfill due to the additional refuse that the facility will receive. The calculated emissions increase listed in Table 8 - Landfill Flare Emissions appear to be based on existing permitted emission limits and a landfill gas flow rate increase of 7.4 cubic feet per minute (cfm). It is not clear to SCAQMD staff how the 7.4 cfm landfill gas flow rate was derived and why it was used for the emissions increase assessment given that Appendix B - Landgem Report indicates that a maximum yearly average landfill gas flow rate increase of 230 cfm is expected by year 2040.² Therefore, the lead agency should either revise the emission calculations to include the maximum landfill gas flow rate or explain the gas flow rate used to calculate the proposed project's operational emissions.

Applicable SCAQMD Permits, Rules, and Regulations

The proposed landfill expansion, resulting in an increase of landfill gas being generated and collected, may require alterations to the existing landfill gas and condensate/leachate collection and storage systems. Prior to the installation of new equipment and/or the relocation or modification of existing equipment, a

¹ Negative Declaration, Page 31.

² Air Quality and Greenhouse Gas Technical Report, Page 130 & 133.

SCAQMD permit to construct and a permit to operate may be required. If a SCAQMD permit is required, the SCAQMD should be identified as a responsible agency in the final CEQA document. Additionally, if the proposed expansion requires any landfill excavation activities, a complete and timely Rule 1150 Landfill Excavation Plan shall be submitted to the SCAQMD. Other applicable rules and regulations most pertinent to the project may include, but are not limited to, the following:

- Rule 201
- Rule 203
- Rule 212
- Rule 401
- Rule 402
- Rule 403
- Rule 404
- Rule 1150.1
- Regulation 13
- Rule 1401
- Regulation 30 (Title V)
- 40 CFR 60 Subpart XXX

For more information on permits, please visit SCAQMD's webpage at: <http://www.aqmd.gov/home/permits>. Permitting questions can be directed to SCAQMD Engineering and Permitting staff at (909) 396-3385.

Response to Comments

Pursuant to CEQA Guidelines Section 15074, prior to approving the proposed project, the lead agency shall consider the final CEQA document for adoption together with any comments received during the public review process. Please provide the SCAQMD with written responses to the comment contained herein prior to the adoption of the final CEQA document. When responding to issues raised in the comments, response should provide sufficient details giving reasons why specific comments and suggestions are not accepted. There should be good faith, reasoned analysis in response. Conclusory statements unsupported by factual information do not facilitate the purpose and goal of CEQA on public disclosure and are not meaningful or useful to decision makers and the public who are interested in the proposed project.

SCAQMD staff is available to work with the lead agency to address any air quality questions that may arise from this comment letter. Please contact Alina Mullins, Assistant Air Quality Specialist, at amullins@aqmd.gov or (909) 396-2402, should you have any questions.

Sincerely,

Daniel Garcia

Daniel Garcia

Program Supervisor

Planning, Rule Development & Area Sources

DG/AS/AM
SBC181002-10
Control Number



TETRA TECH TRANSMITTAL

301 East Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

DATE: September 25, 2018

TO: City of Redlands Planning Division
35 Cajon Street, #20
Redlands, CA 92373

RE: Initial Study/Negative Declaration for a Solid Waste Facility Permit Revision and Joint
Technical Document Amendment for the San Timoteo Sanitary Landfill, San Bernardino County,
California

SUBMITTED HEREWITH

For your review and comment, please find as attached a digital copy of the Initial Study/Negative Declaration for a Solid Waste Facility Permit Revision and Joint Technical Document Amendment for the San Timoteo Sanitary Landfill, San Bernardino County, California. Please provide comments on this Initial Study to the County of San Bernardino Department of Public Works by October 26, 2018.

Thank you.

By _____
Stephanie Pacheco
(909) 382-5112

SHIPPING METHOD:

☐	☐	First Class	☐	UPS (Overnight/Ground)	☒	Fed Ex	☐	Hand Delivery



TETRA TECH TRANSMITTAL

301 East Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

DATE: September 25, 2018

TO: County of San Bernardino
Division of Environmental Health Services
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0160
ATTN: Diana Almond.

RE: Initial Study/Negative Declaration for a Solid Waste Facility Permit Revision and Joint Technical Document Amendment for the San Timoteo Sanitary Landfill, San Bernardino County, California

SUBMITTED HEREWITH

For your review and comment, please find as attached a digital copy of the Initial Study/Negative Declaration for a Solid Waste Facility Permit Revision and Joint Technical Document Amendment for the San Timoteo Sanitary Landfill, San Bernardino County, California. Please provide comments on this Initial Study to the County of San Bernardino Department of Public Works by October 26, 2018.

Thank you.

By _____
Stephanie Pacheco
(909) 382-5112

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TETRA TECH TRANSMITTAL

301 East Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

DATE: September 25, 2018

TO: South Coast Air Quality Management
Executive Office
21865 Copley Drive
Diamond Bar, CA 91765
ATTN: Permitting Section

RE: Initial Study/Negative Declaration for a Solid Waste Facility Permit Revision and Joint
Technical Document Amendment for the San Timoteo Sanitary Landfill, San Bernardino County,
California

SUBMITTED HEREWITH

For your review and comment, please find as attached a digital copy of the Initial Study/Negative Declaration for a Solid Waste Facility Permit Revision and Joint Technical Document Amendment for the San Timoteo Sanitary Landfill, San Bernardino County, California. Please provide comments on this Initial Study to the County of San Bernardino Department of Public Works by October 26, 2018.

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Comments from the Department of Resources Recycle and Recover (CalRecycle) (15 October 2018)

Comment Number	Chapter/Section	Page	Comment	Response
1	Section 3-Detailed Project Description	5	What is the proposed maximum depth (base grade) elevation?	1. The old construction base grades have been identified as 1,808 feet. The SWFP identifies the maximum depth as 1,800 feet. Based on the revised grading plants, future base grades are calculated to be 1,834 feet.
2 3	Section3-Detailed Project Description	5	The permitted capacity of 11,924,000 cubic yards calculated on December 31, 2017 resulted in a site life and closure dated of March 2039. These calculations were based on a 1% annual growth rate and average daily tons of 950 from January 1, 2016 to April 15, 2017 Did the calculation of the estimated site life of STSL take into consideration the estimated closure date of the MVSL in 2033? Is the annual growth rate of 1% at STSL an underestimate?	2. There was no need to consider the estimated site life of the MVSL. Any trash up to 15,000 tons per year diverted would cause a very minor incremental increase the site life of MVSL 3. The calculated tonnage growth rate over the last two years is as follows: 2016 to 2017 = 2.9% 2017 to 2018 = 4.5% This results in an average growth rate of 3.7% over the last two years. However, it is reasonable to maintain the 1% average growth rate in our calculations for the next 20+ years until the STSL closes due to the following factors being taken into account: Disposal quantities per capita are expected to decrease over the next several years due to current and future diversion programs required by legislation and associated regulations including State mandates and local initiatives which stimulate the diversion of more and more material from the landfills, with an overall statewide goal of 75% diversion by 2020. Primary legislation being

Comment Number	Chapter/Section	Page	Comment	Response
				implemented to move toward this goal includes Assembly Bill (AB) 341 and AB 1826, which will increase recycling in the commercial and multi-family sector as well as recovery and processing of organic waste. AB 1383 also establishes specified targets for reducing organic waste in landfills. Lastly, AB 1594 removes diversion credit for ADC by 2020 and therefore green waste will most likely be diverted to compost facilities instead of landfills. Cyclical fluctuations in the economy will also impact tonnages going to the landfill. The most recent tonnages listed above reflect a relatively robust economy and downturns tend to even the numbers out over time due to negative growth as experienced during the economic downturn that began in 2008. In general, the above factors will tend to largely offset increases in population growth. The 1% growth factor assumption will be reviewed during the next five-year SWFP review in 2022. after some of the diversion initiatives mentioned above go into affect and adjustments may be made at that time if necessary. .
4	VIII. Hazardous/Hazardous Materials/impact Analysis Section (a)	42	More analysis is necessary in order to make a finding that the temporary diversion of an additional 1,000 tons on 15 windy days will have no impact on the existing load checking program at STSL. How will the temporarily diversion of an additional 1,000 tons of solid waste from MVSL to STSL on high wind days be subjected to the same level of visual	4. Both San Timoteo Sanitary Landfill have a dedicated fully qualified load checker to conduct routine inspection of waste. 40 hours are dedicated for a minimum of 10 inspections per week. The incremental temporary increase of 1,000 tons for up to 15 days per year will not require additional inspections.

Comment Number	Chapter/Section	Page	Comment	Response
			surveillance and inspection as the existing waste stream without additional trained load checking employees and additional random inspections?	
5	XVIII. Utilities & Service Systems/Impact Analysis Section (g)	61	What measures will be taken to ensure compliance with all the State Minimum Standards in Title 27 California Code of Regulations (27 CCR), including but not limited to the following: 27 CCR section 20740-Equipment, 27 CCR section 20680-Daily Cover, 27 CCR Section 20640-Spreading & Compactions, 27 CCR Section 20830-Litter Control, and 27 CCR Section 20615-Supervision? What measures will be taken to ensure that adequate and sufficient amounts of equipment and trained employees are available at STSL on each of the 15 windy days?	5. STSL has (3) three equipment operators and four (4) pieces of working face-related equipment; two (2) dozers and two (2) compactors. Assuming an average of 100 tons per hour spreading and compacting (Neil Bolton 1995) for each piece of equipment the three operators can process approximately 2400 tons per day at 8 hours a day. If MVSL shuts down and the site were to reach the proposed maximum of 3,000 tons per day, an equipment operator may be transferred over to STSL, or, alternatively the STSL site supervisor is available to operate the fourth piece of equipment for a total design capacity of 3,200 tons per day over an 8-hour day.

Comments from South Coast Air Quality Management dated 26 October 2018

Comment Number	Chapter/Section	Page	Comment	Response
1	Section 4.2.6	22	The lead agency found that there will be an increase in landfill gas generation and an increase in landfill gas combustion at San Timoteo Sanitary Landfill due to the additional refuse that the facility will receive. The calculated emissions increase listed in Table 8 - Landfill Flare Emissions appear to be based on existing permitted emission limits and a landfill gas flow rate increase of 7.4 cubic feet per minute (cfm). It is not clear to SCAQMD staff how the 7.4 cfm landfill gas flow rate was derived and why it was used for the emissions increase assessment given that Appendix B - Landgem Report indicates that a maximum yearly average landfill gas flow rate increase of 230 cfm is expected by year 2040. ² Therefore, the lead agency should either revise the emission calculations to include the maximum landfill gas flow rate or explain the gas flow rate used to calculate the proposed project's operational emissions.	The average LFG emission increase was used to determine potential impacts due to an increase in landfill gas generation as we believe it is more reasonable and realistic representation. The SCAQMD has requested use of the worst-case LFG emissions (230 cfm) to determine the impact. Tetra Tech has revised the air quality impact analysis using the worst-case scenario per SCAQMD's request. The revised analysis finds that there are no significant different using the worst-case LFG emissions and that the original conclusion remains the same: a less than significant impact to air quality and greenhouse gases from the proposed project. Tables 8, 9, and 11, and Appendix C have been revised to reflect the reanalysis using the worst-case scenario. A revised Air Quality and Greenhouse Gas Study is found as attached.
2	NA	NA	The proposed landfill expansion, resulting in an increase of landfill gas being generated and collected, may require alterations to the existing landfill gas and condensate/leachate collection and storage systems. Prior to the installation of new equipment and/or the relocation or modification of existing equipment, a SCAQMD permit to construct and a permit to operate may be required. If a SCAQMD permit is required, the SCAQMD should be identified as a responsible agency	Comment noted. Based on the revised landfill gas calculations using a worst-case scenario, a less than significant impact would occur, and installation of new landfill gas and condensate/leachate collection and storage system would not be required. An SCAQMD permit to construct and operate a new system would not be required.

Comment Number	Chapter/Section	Page	Comment	Response
			in the final CEQA document. Additionally, if the proposed expansion requires any landfill excavation activities, a complete and timely Rule 1150 Landfill Excavation Plan shall be submitted to the SCAQMD.	

REFUSE DIVERSION PROGRAM AND MODIFIED FINAL GRADING PLAN SAN TIMOTEO SANITARY LANDFILL

Air Quality and Greenhouse Gas Technical Report

Prepared for:

Lead Agency:



County of San Bernardino
Department of Public Works
825 E 3rd Street,
San Bernardino CA 92415

Prepared by:



Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408

May 2018
Updated November 2018

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
DESCRIPTION OF PROJECT.....	2
2.1 Purpose.....	2
2.2 Site Location	2
2.3 Project Description.....	2
2.4 Existing Air Quality	6
2.4.1 Air Pollutants	6
2.4.2 Air Pollutant Constituents and Attainment Status	9
2.5 Existing Regional Air Quality Emissions	11
AIR QUALITY THRESHOLDS OF SIGNIFICANCE	13
3.1 Criteria Pollutants	13
3.2 Greenhouse Gases and State Standards.....	15
AIR QUALITY IMPACT ASSESSMENT	17
4.1 Overview of the Analysis Methodology	17
4.2.1 Use of Existing Heavy Equipment.....	18
4.2.2 Increased Miles Travelled by Refuse Trucks to the STSL.....	18
4.2.3 Increased Refuse Truck Trips at STSL	18
4.2.4 Increased Fugitive Dust Emissions	19
4.2.3 Increased Refuse Truck Trips at STSL	19
4.2.4 Increased Fugitive Dust Emissions	19
4.2.5 Increase Landfill Gas Generation.....	22
4.2.6 Increase Landfill Gas Combustion Emissions	22
4.3 Dispersion Modeling.....	22
4.4 Health Risk Calculations.....	27
4.5 Analysis Results.....	29
4.6 Greenhouse Gas Emissions.....	32
4.7 Odors.....	32
4.8 Consistency with Regional Air Quality Plan	33
4.9 Cumulative Impacts	33

LIST OF TABLES

Table 1. State and Federal Air Quality Standards	7
Table 2. Criteria Pollutants Attainment Status in the South Coast Air Basin	12
Table 3. Significant Emission Thresholds.....	14
Table 4. Construction Equipment Mix and Offsite Haul Truck Data	20
Table 5. Onsite Haul Truck Operations Data and Emissions Calculation	21
Table 6. Fugitive Emissions Calculation.....	22
Table 7. LandGEM Model Results	24
Table 8. Landfill Flare Emissions	25
Table 9. Emissions Input to AERMOD Model Run	26
Table 10. Landfill Gas Toxic Air Pollutants	29
Table 11. Project Air Emissions vs. SCAQMD Regional and Localized Emissions Thresholds	31
Table 12. Risk Assessment Results.....	32
Table 13. GHG Emissions.....	33

LIST OF FIGURES

Figure 1. Regional Location of San Timoteo Sanitary Landfill and Mid-Valley Sanitary Landfill	4
Figure 2. Site Plan	5
Figure 3. Sources and Receptors Diagram	27

APPENDICES

- A. CALEEDMOD OUTPUT FILES
- B. LANDGEM REPORT
- C. AERMOD FILES
- D. HARP FILES

ABBREVIATIONS

AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
CAA	Clean Air Acts
CAAQS	California Ambient Air Quality Standards (CAAQS)
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CO	Carbon monoxide
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent
DPM	Diesel Particulate Matter
EPA	Environmental Protection Agency
GHG	Greenhouse Gases
HARP	Hotspots Analysis Reporting Program
HRA	Health Risk Assessment
H ₂ S	Hydrogen sulfide
LST	Localized Significance Thresholds
MMP	mitigation monitoring plan
NAAQS	National Ambient Air Quality Standards
NO ₂	Nitrogen dioxide
O ₃	Ozone
Pb	Lead
PM ₁₀	fine particulate matter equal to or less than 10 microns
PM _{2.5}	fine particulate matter equal to or less than 2.5 microns
ROG	Reactive organic gases
RUNEX	Running Exhaust
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SO ₂	Sulfur dioxide
TACs	Toxic Air Contaminants
TSP	Total suspended particulate

SECTION 1

EXECUTIVE SUMMARY

This Air Quality/Greenhouse Gas Technical Report provides an analysis of the potential environmental impacts associated with the intermittent diversion of up to 1,000 tons per day (tpd) of refuse from the Mid-Valley Sanitary Landfill (MVSL) to the San Timoteo Sanitary Landfill (STSL) for a maximum of 15 days per year and a modification to the final grading plan that increases the total refuse airspace capacity by approximately 1,000,000 cubic yards. The diversion of refuse would be in response to windy days that force the temporary cessation of operations at MVSL.

All analyses have been conducted in compliance with the South Coast Air Quality Management District (SCAQMD) requirements for air quality assessments in support of California Environmental Quality Act (CEQA) documentation. The findings of the analyses are as follows:

- Project construction would not cause an exceedance of daily regional emission thresholds, and would not expose off-site receptors to significant levels of toxic air contaminants.
- Project operations would not cause an exceedance of daily regional or local emission thresholds set forth by the SCAQMD.
- Project operations would not expose off-site receptors to significant levels of toxic air contaminants.
- Project operations would result in a minimal increase in Statewide greenhouse gas (GHG) emissions; this would not contribute significantly to global climate change. The refuse would go to another landfill in SCAQMD and State of California if it did not go to STSL.
- The project would not result in cumulatively significant impacts during construction or operation.

SECTION 2

DESCRIPTION OF PROJECT

2.1 Purpose

This Air Quality/Greenhouse Gas Technical Report provides an analysis of the potential environmental impacts associated with the intermittent diversion of up to 1,000 tons per day (tpd) of refuse from the Mid-Valley Sanitary Landfill (MVSL) to the San Timoteo Sanitary Landfill (STSL) for a maximum of 15 days per year and a modification to the final grading plan that increases the total refuse airspace capacity by approximately 1,000,000 cubic yards. The diversion of refuse would be in response to windy days that force the temporary cessation of operations at MVSL.

The County of San Bernardino Public Works is the lead agency to approve the refuse diversion project.

2.2 Site Location

The STSL is located in the City of Redlands, in San Bernardino County, California. It is located at the end of Refuse Road, south of San Timoteo Canyon Road with the scale facilities located just inside the entrance gate. The landfill access road is paved with asphalt to the refuse disposal boundary, where it extends as an unpaved road to the active disposal areas. The entrance of the landfill is secured by a permanent fence and gate, with a sign displaying the facility name and owner. Figure 1 shows the proposed project location. Figure 2 shows the STSL boundaries.

2.3 Project Description

The proposed refuse diversion program will not alter the STSL current operation and practices, which are described in the following paragraphs.

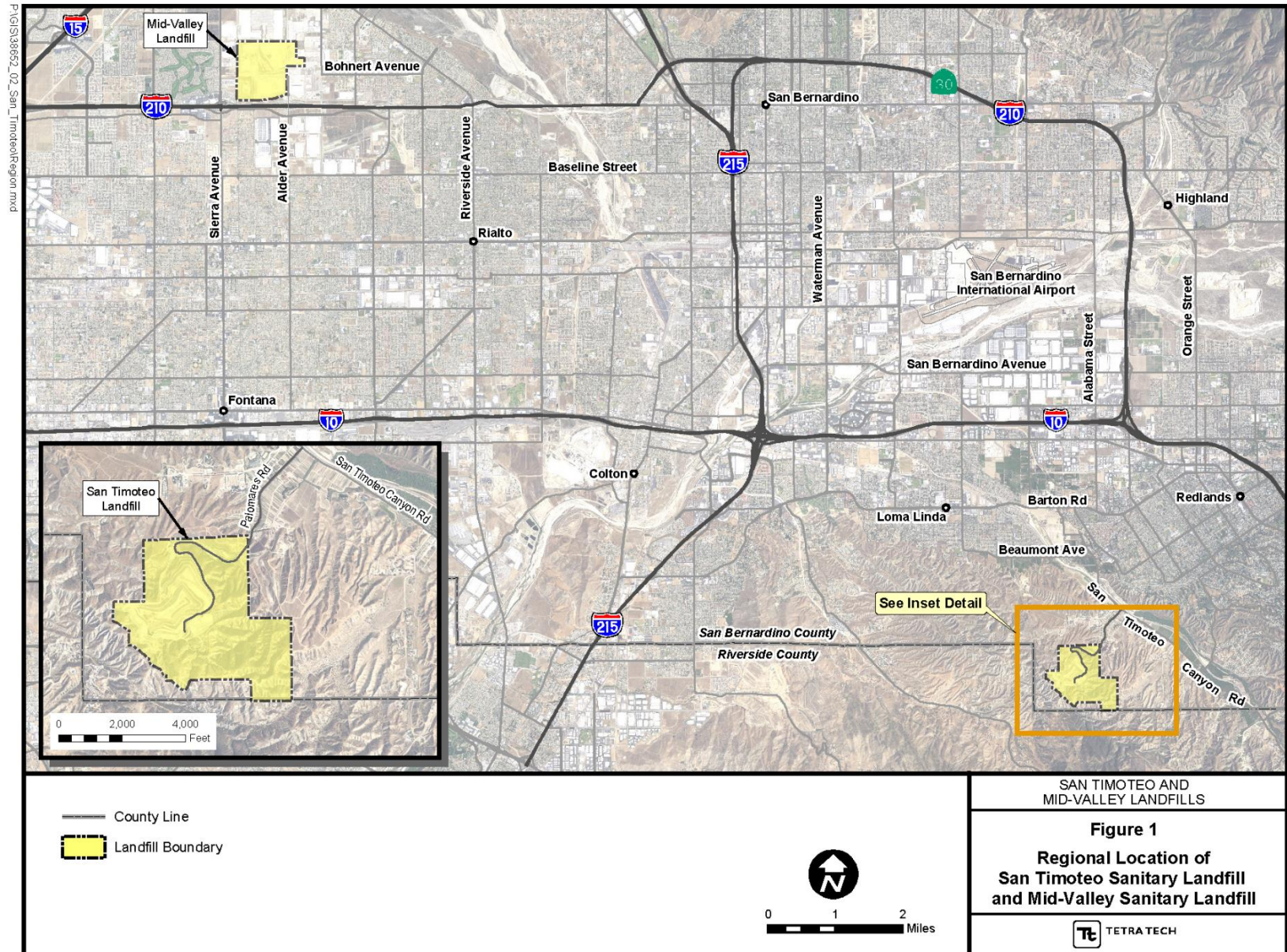
The STSL is an existing Class III landfill operating on a 366-acre site. The STSL has been in continuous operation since 1978 and accepts only Class III non-hazardous solid waste in accordance with waste classification regulations in California Code of Regulation (CCR) Title 27 (County of San Bernardino 2012).

Solid waste delivered to the STSL is generally classified as residential, commercial or industrial (County of San Bernardino 2012). Residential waste includes domestic garbage and rubbish that originates in residential dwellings. Commercial waste includes types of solid waste generated by retail stores, offices, and other commercial sources. Industrial waste includes types of solid waste that result from industrial processes and manufacturing operations, excluding hazardous materials. In addition, demolition, construction debris, and inert solid wastes are received at the site. The landfill also recycles tires, white goods (appliances), metal and glass. The landfill does not accept designated wastes, hazardous wastes, waste containing more than 50 percent liquid by weight, large dead animals or untreated waste with physical properties (i.e. powdery or dusty materials) that could cause health, safety, or operational problems.

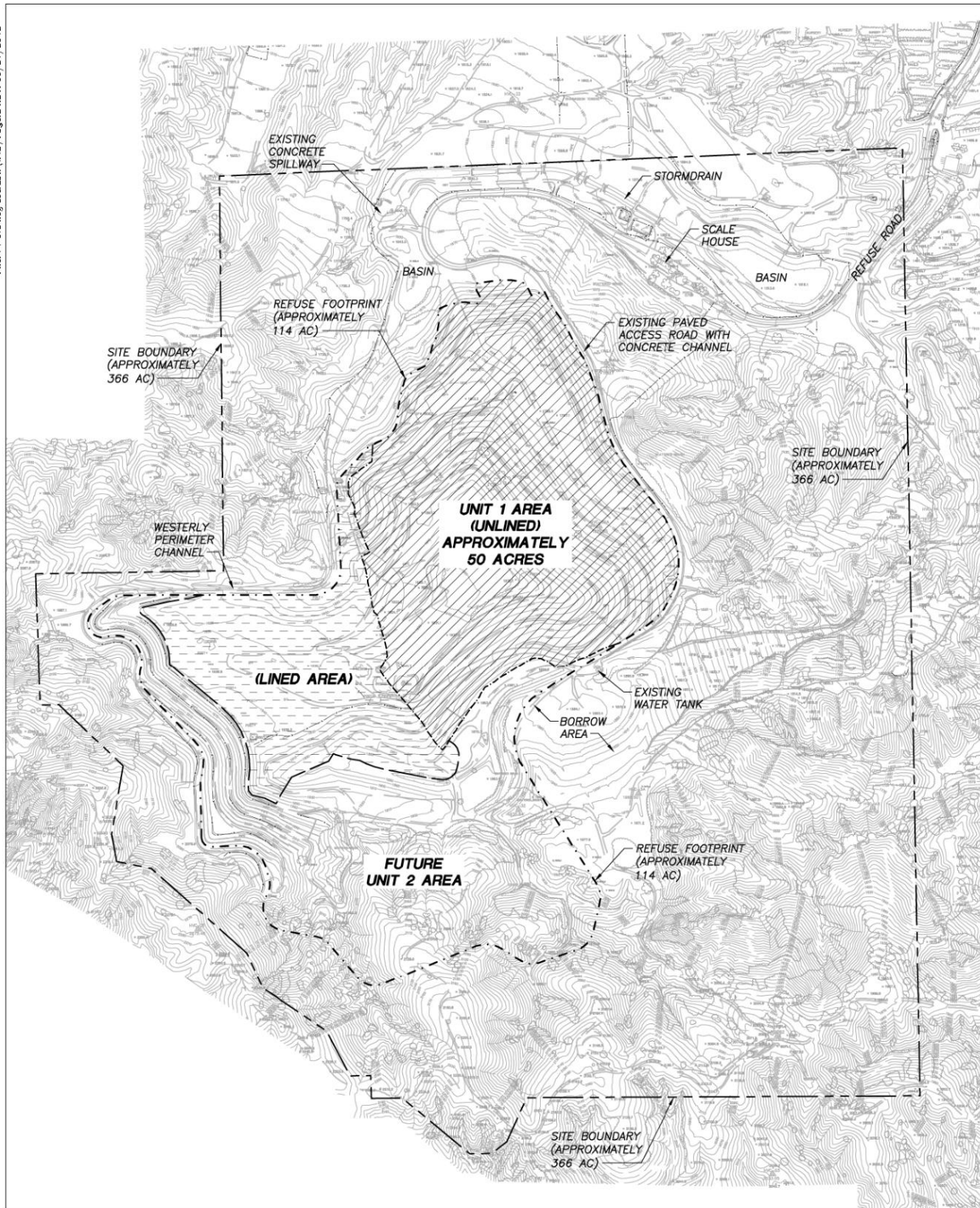
The entrance of the landfill is secured by a permanent fence and gate, with a sign displaying the facility name and owner. Discovered household hazardous wastes that are not able to be returned to customers are stored in a transportable designated hazardous waste bin (County of San Bernardino 2012).

Vehicles carrying waste stop at the scale house to pay and be weighed prior to being directed to the tipping table to unload their waste. Waste loads may be visually inspected as a part of the County's Load checking Program in order to prevent hazardous materials from being disposed of in the landfill. Load checking consists of regular visual inspection of the wastes loads; inspecting random incoming loads; training of facility personnel in hazardous waste recognition and proper hazardous waste handling procedures; and installation of signs at the facility entrance indicating that no hazardous waste is permitted at the site (County of San Bernardino 2012).

The landfill is operated using the area-fill method (County of San Bernardino 2012). The area currently being filled is referred to as the active working face. Typically, waste cells at the working face are developed as part of advancing lifts overlying existing refuse. Refuse is placed in cells that are approximately 20 feet high and 100 by 150 feet in area. Waste is typically unloaded at the toe of the working face of the cell. A bulldozer and compactor are used to push, spread, and compact waste on the working face in shallow layers up to two feet deep. The equipment traverses the active working face to evenly spread and compact the waste. At the end of each working day, the waste is covered with a minimum of six inches of soil or an Alternative Daily Cover (ADC). Cells that will be inactive for 180 days or longer are covered with an interim cover of twelve inches of compacted soil or other approved material. Waste cells are graded to drain stormwater runoff away from the landfill. Effective drainage minimizes ponding, infiltration, and erosion (County of San Bernardino 2012).



File: F1 STL-Rag Loc.CDR (TAG) Page:2 REV: 06/21/2012



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- - - PERMITTED REFUSE FOOTPRINT

SITE PLAN

San Timoteo Sanitary Landfill - JTD Initial Study
San Bernardino County, California

Source: County of San Bernardino, DPW, 2012

LILBURN
CORPORATION

FIGURE 2

2.4 Existing Air Quality

2.4.1 Air Pollutants

Air pollutant emissions within the South Coast Air Basin (SCAB) are generated from stationary, mobile, and natural sources. Stationary sources can be divided into two major subcategories: point and area sources. Point sources occur at an identified location and are usually associated with manufacturing and industry. Examples are boilers or combustion equipment that produce electricity or generate heat. Area sources are widely distributed and produce many small emissions. Examples of area sources include residential and commercial water heaters, painting operations, portable generators, lawn mowers, agricultural fields, landfills, and consumer products such as barbeque lighter fluid and hair spray. Construction activities that create fugitive dust such as excavation and grading also contribute to area source emissions. Mobile sources refer to emissions from on- and off-road motor vehicles, including tailpipe and evaporative emissions. On-road sources may be legally operated on roadways and highways. Off-road sources include aircraft, trains, and construction equipment. Mobile sources account for majority of the air pollutant emissions within the air basin. Air pollutants can also be generated by the natural environment such as when fine dust particles are pulled off the ground surface and suspended in the air during high winds.

To protect the public health and welfare, the federal and State governments have identified five criteria air pollutants and a host of air toxics and have established ambient air quality standards through the Federal Clean Air Act and the California Clean Air Act. The air pollutants for which federal and State standards have been promulgated and which are most relevant to air quality planning and regulation in the air basins include ozone, carbon monoxide, suspended particulate matter, sulfur dioxide, and lead.

Air pollutants are typically classified as primary or secondary pollutants. Carbon monoxide (CO), nitrogen dioxide (NO₂), particulate matter (PM), Sulfur Dioxide (SO₂), and Lead (Pb) are considered primary pollutants because they are emitted directly into the atmosphere. Ozone (O₃), a secondary pollutant, is formed through a photochemical reaction in the atmosphere with reactive organic compounds (ROGs) and nitrogen oxides (NO_x) in the presence of sunlight.

Both the federal and State governments have established ambient air quality standards for outdoor concentrations of various pollutants in order to protect public health, as shown in Table 1. The national and State ambient air quality standards have been set at levels whose concentrations could be generally harmful to human health and welfare and to protect the most sensitive persons from illness or discomfort with a margin of safety. While ambient air quality standards have been developed specifically for O₃ and NO_x, there is no State or federal ambient air quality standard for ROGs. ROGs include many compounds of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, and methane, among others. While the State and federal entities have not established ambient attainment levels for ROGs, they have for O₃. Because ROGs react with NO_x through photochemical reactions to form ozone, air districts, including SCAQMD, have provided ROG significance thresholds for project-level analysis in order to further limit the levels of ROGs available in the atmosphere that can be converted to ozone.

Table 1. State and Federal Air Quality Standards

Pollutant	Averaging Time	California Standards ^a		Federal Standards ^b		
		Concentration ^c	Method ^d	Primary ^{c,e}	Secondary ^{c,f}	Method ^g
Ozone (O3)	1 Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m³)		0.070 ppm (137 µg/m3)		
Respirable Particulate Matter (PM10)	24 Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		—		
Fine Particulate Matter (PM2.5)	24 Hour	No Separate State Standard		35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	12 µg/m³		
Carbon Monoxide (CO)	8 Hour	9 ppm (10mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	9 ppm (10 mg/m³)	None	Non-Dispersive Infrared Photometry (NDIR)
	1 Hour	20 ppm (23 mg/m3)		35 ppm (40 mg/m³)		
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m³)		—	—	—
Nitrogen Dioxide (NO2)	Annual Arithmetic Mean	0.03 ppm (56 µg/m³)	Gas Phase Chemiluminescence	0.053 ppm (100 µg/m³)	Same as Primary Standard	Gas Phase Chemi-luminescence
	1 Hour	0.18 ppm (339 µg/m³)		0.10 ppm	None	
Sulfur Dioxide (SO2)	24 Hour	0.04 ppm (105 µg/m³)	Ultraviolet Fluorescence	0.14 ppm (365 µg/m³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method) ⁹
	3 Hour	—		—	0.5 ppm (1300 µg/m³)	
	1 Hour	0.25 ppm (655 µg/m³)		0.075 ppm (196 µg/m³)	—	
Lead (Pb) ^h	30 Day Average	1.5 µg/m³	Atomic Absorption	—	—	—
	Calendar Quarter	—		1.5 µg/m³	Same as Primary Standard	High Volume Sampler and Atomic Absorption
	Rolling 3-Month Average	—		0.15µg/m³		

Pollutant	Averaging Time	California Standards ^a		Federal Standards ^b		
		Concentration ^c	Method ^d	Primary ^{c,e}	Secondary ^{c,f}	Method ^g
Visibility Reducing Particles	8 Hour	Extinction coefficient of 0.23 per kilometer — visibility of ten miles or more (0.07 — 30 miles or more for Lake Tahoe) due to particles when relative humidity is less than 70 percent. Method: Beta Attenuation and Transmittance through Filter Tape.		No Federal Standards		
Sulfates (SO ₄)	24 Hour	25 µg/m ³	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m ³)	Ultraviolet Fluorescence			
Vinyl Chloride ^h	24 Hour	0.01 ppm (26 µg/m ³)	Gas Chromatography			

^a California standards for ozone, carbon monoxide (except Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, suspended particulate matter (PM₁₀, and PM_{2.5}) and visibility reducing particles, are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

^b National standards (other than ozone, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest eight hour concentration in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than one. For PM_{2.5}, the 24 -hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard.

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

^d Any equivalent procedure which can be shown to the satisfaction of the California Air Resources Board (CARB) to give equivalent results at or near the level of the air quality standard may be used.

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

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

^g Reference method as described by the EPA. An “equivalent method” of measurement may be used but must have a “consistent relationship to the reference method” and must be approved by the EPA.

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

Source: California Air Resources Board (<http://www.arb.ca.gov/research/aaqs/aaqs2.pdf>, updated 05/04/16)

2.4.2 Air Pollutant Constituents and Attainment Status

A state or region is given the status of "attainment" or "unclassified" if ambient air quality standards have not been exceeded. A status of "nonattainment" for particular criteria pollutants is assigned if the ambient air quality standard for that pollutant has been exceeded. Once designated as nonattainment, attainment status may be achieved after three years of data showing non-exceedance of the standard. When an area is reclassified from nonattainment to attainment, it is designated as a maintenance area, indicating the requirement to establish and enforce a plan to maintain attainment with the standard. Following is a short description of the regulated air pollutants and their effect on human health.

Ozone

Ozone (O₃) is a colorless toxic gas that irritates the lungs and damages materials and vegetation. During the summer's long daylight hours, plentiful sunshine provides the energy needed to fuel photochemical reactions between NO₂ and ROG_s which result in the formation of O₃. Conditions that lead to high levels of O₃ are adequate sunshine, early morning stagnation in source areas, high surface temperatures, strong and low morning inversions, greatly restricted vertical mixing during the day, and daytime subsidence that strengthens the inversion layer (all of which are characteristic of Southern California). Short-term exposures (lasting for a few hours) to ozone at levels typically observed in Southern California can result in changes in breathing patterns, reductions in lung capacity, and increased susceptibility to respiratory illnesses. O₃ is a problematic air contaminant in the SCAB. Maximum ozone concentrations in the SCAB usually are recorded during summer months.

Nitrogen Dioxides

The forms of nitrogen oxide that are important in air pollution are nitric oxide (NO) and nitrogen dioxide (NO₂). NO is a colorless, odorless gas formed by a combination of nitrogen and oxygen when combustion takes place under high temperatures and pressures. NO₂ is a reddish-brown gas formed by the combination of NO with oxygen. Combustion in motor vehicle engines, power plants, refineries and other industrial operations, as well as ships, railroads and aircraft, are the primary sources of NO. NO₂ at atmospheric concentrations is a potential irritant and can cause coughing in healthy persons, due to increased resistance to air flow and airway contraction. Larger decreases in lung functions are observed in individuals with preexisting respiratory illness. Long-term exposure to NO₂ can potentially lead to increased levels of respiratory illness in children. NO_x is one of the main ingredients involved in the formation of ground-level ozone, which can trigger serious respiratory problems.

Carbon Monoxide

Carbon monoxide (CO) is a product of inefficient combustion, principally from automobiles and other mobile sources of pollution. In many areas of California, CO emissions from sources such as wood-burning stoves and fireplaces also can be measurable contributors during cold-weather months. Industrial sources of pollution generally contribute less than 10 percent of ambient CO levels. Peak CO levels occur typically during winter months because of a combination of seasonal contributions from home heating devices and stagnant weather conditions. CO reduces the oxygen-carrying capacity of the blood and in high concentrations can cause death. At lower concentrations, people exposed experience dizziness and headaches.

Sulfur Dioxide

Sulfur dioxide (SO₂) is produced when any sulfur-containing fuel is burned. Chemical plants that treat or refine sulfur or sulfur-containing chemicals also emit SO₂. Because of the complexity of the chemical reactions that convert SO₂ to other compounds (such as sulfates), peak concentrations of SO₂ occur at different times of the year in different parts of the State, depending on local fuel characteristics, weather, and topography. SO₂ can cause bronchia constriction and may aggravate respiratory diseases. In moist environments, SO₂ may combine with water to form sulfuric acid, a component of acid deposition.

Fine Particulates (PM₁₀, PM_{2.5})

Particulate matter in the air is composed of windblown fugitive dust; particles emitted from combustion sources (usually carbon particles); and organic, sulfate, and nitrate aerosols formed in the air from emitted hydrocarbons, sulfur oxides, and oxides of nitrogen. In 1984, the California Air Resources Board (CARB) adopted standards for fine particulate (PM₁₀ - particulate matter of less than 10 microns), and phased out the total suspended particulate (TSP) standards used up to that time. PM₁₀ standards were substituted for TSP standards because PM₁₀ corresponds to the size range of inhalable particulate related to human health. In 1987, EPA also replaced national TSP standards with PM₁₀ standards. In July 1997, the Environmental Protection Agency (EPA) adopted new standards for fine particulate matter less than 2.5 microns in diameter (PM_{2.5}).

Particulates are a public health and welfare concern for several reasons. Particulates may be intrinsically toxic because of their inherent chemical and/or physical characteristics. Particulate matter may interfere with one or more of the mechanisms that normally clear the respiratory tract. Finally, fine particulates, which are easily carried deep into the lungs, may act as carriers of absorbed toxic substances. Thus, elevated particulate concentrations may exacerbate preexisting respiratory diseases such as bronchitis. Particulate matter, especially fine particulate, also interferes with visibility.

The SCAB currently exceeds both the federal and State PM_{2.5} standards. It is classified as attainment for the federal PM₁₀ standard and non-attainment for the State PM₁₀ standard.

Lead

Lead is found in old paints and coatings, plumbing, and various other materials. Once in the blood stream, lead can cause damage to the brain, nervous system, and other body systems. Children are highly susceptible to the effects of lead.

Toxic Air Contaminants

Toxic Air Contaminants (TACs) are a diverse group of air pollutants that can affect human health, but have not had ambient air quality standards established for them. This is not because they are fundamentally different from the pollutants discussed above, but because their effects tend to be local rather than regional. CARB has designated nearly 200 compounds as TACs. Additionally, CARB has implemented control measures for a number of compounds that pose high risks and show potential for effective control. The majority of the estimated health risks from TACs can be attributed to a relatively few compounds, the most important being particulate matter from diesel-fueled engines. Inhaling TACs may increase the chances of experiencing various health problems, such as cancer, respiratory tract irritation, birth defects, etc.

2.5 Existing Regional Air Quality Emissions

Measurements of ambient concentrations of criteria pollutants are used by the United States EPA and the ARB to assess and classify the air quality of each air basin, county, or, in some cases, a specific developed area. The classification is determined by comparing monitoring data with national and California air quality standards. If a pollutant concentration in an area is lower than the standard, the area is classified as being in “attainment.” If the pollutant exceeds the standard, the area is in marginal, moderate, serious, severe, or extreme “nonattainment,” depending on the magnitude of the air quality standard exceedance. If there are not enough data available to determine whether the standard is exceeded in an area, the area is designated “unclassified.”

South Coast Air Basin

The SCAB is surrounded by mountains trapping the air and its pollutants in the valleys or basins below. This area, also known as the Basin, includes all of Orange County and the non-desert portions of Los Angeles, San Bernardino, and Riverside Counties. Bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east, the SCAB is an area of high air pollution potential. The regional climate within the Basin is considered semi-arid and is characterized by warm summers, mild winters, infrequent seasonal rainfall, moderate daytime onshore breezes, and moderate humidity. Air quality within the Basin is influenced by a wide range of emissions sources, such as dense population centers, heavy vehicular traffic, and industry.

The annual average temperature varies throughout the Basin. Annual temperature in Los Angeles ranges from the low 50°F to over 110°F during the summer. The project is located in the northern portion of Los Angeles County. Typically, the hottest months are July and August, and the coldest months are December and January.

The majority of annual rainfall in the Basin occurs between December and March. Summer rainfall is minimal and generally limited to scattered thundershowers in coastal regions. The annual average total of rainfall in the SCAB area of the Los Angeles County is 15 inches. The Basin experiences a persistent temperature inversion, which is characterized by increasing temperature with increasing altitude. This inversion limits the vertical dispersion of air contaminants, holding them relatively near the ground. As the sun warms the ground and the lower air layer, the temperature of the lower air layer approaches the temperature of the base of the inversion (upper) layer until the inversion layer finally breaks, allowing vertical mixing with the lower layer. Aside from a persistent temperature inversion, the vertical dispersion of air contaminants in the Basin is also affected by wind conditions. The combination of stagnant wind conditions and low inversions produces the greatest pollutant concentrations. Conversely, on days of no inversion or high wind speeds, ambient air pollutant concentrations are the lowest. During periods of low inversions and low wind speeds, air pollutants generated in urbanized areas in the Basin are transported eastward, predominantly into Riverside and San Bernardino Counties. Santa Ana winds, which are strong and dry north or northeasterly winds that occur during the fall and winter months, disperse air contaminants differently through the Basin, generally resulting in worse air conditions in the western parts of the Basin. Santa Ana conditions tend to last for several days at a time.

SCAB has very low average wind speeds; the dominant daily wind pattern is an onshore 8 to 12 mph during the day and offshore 3 to 5 mph winds during the night. These wind patterns are disrupted occasionally by winter storms or strong northeasterly Santa Ana winds from the mountains and

deserts northeast of the SCAB. Table 2 lists criteria air pollutants and their attainment status in the SCAB.

Table 2. Criteria Pollutants Attainment Status in the South Coast Air Basin

Air Pollutants	State	Federal
Ozone (1-Hour)	Nonattainment	-
Ozone (8-Hour)	Nonattainment	Nonattainment
PM _{2.5}	Nonattainment/Unclassified	Nonattainment
PM ₁₀	Nonattainment	Nonattainment
NO ₂	Attainment	Unclassified/Attainment
CO	Attainment	Unclassified/Attainment
SO ₂	Attainment	Attainment
Lead	Attainment	Unclassified/Attainment (Orange County) Nonattainment (portion of Los Angeles County)
Sulfates	Attainment	-
Hydrogen Sulfide	Unclassified	-
Visibility Reducing Particles	Unclassified	-

Source: California Air Resources Board, 18 October 2017

www.arb.ca.gov/design/adm/adm.htm

SECTION 3

AIR QUALITY THRESHOLDS OF SIGNIFICANCE

This section discusses the applicable significance thresholds for air quality assessment. The air quality guidance recommended by the SCAQMD is used to assess air quality impacts from the proposed project.

3.1 Criteria Pollutants

SCAQMD has published thresholds of significance for air quality. A project has a significant air quality impact if it does one of the following:

- Generates total emissions that exceed the thresholds shown in Table 3; and/or
- Maximum daily localized emissions are greater than the Localized Significance Thresholds (LST), resulting in predicted ambient concentrations in the vicinity of the project site greater than the most stringent ambient air quality standards for CO and NO₂; and/or
- Maximum localized PM₁₀ or PM_{2.5} emissions during construction are greater than the applicable LSTs, resulting in predicted ambient concentrations in the vicinity of the site to exceed 50 µg/m³ over five hours (SCAQMD Rule 403 control requirement); and/or
- The project would not be compatible with SCAQMD and Southern California Association of Governments (SCAG) air quality policies. The project is not compatible with SCAQMD and SCAG air quality policies if it:
 - Causes an increase in the frequency or severity of existing air quality violations;
 - Causes or contributes to new air quality violations;
 - Delays timely attainment of air quality standards or the interim emission reductions specified in the SCAQMD's Air Quality Management Plan (AQMP); or
 - Exceeds the assumptions utilized in the SCAQMD's AQMP.

Table 3. Significant Emission Thresholds

Mass Daily Thresholds ^(a)		
Pollutant	Construction ^(b)	Operation ^(c)
Nitrogen Oxide (NOx)	100 lbs/day	55 lbs/day
Reactive Organic Gas (ROG)	75 lbs/day	55 lbs/day
Particle Pollution (PM10)	150 lbs/day	150 lbs/day
Particle Pollution (PM2.5)	55 lbs/day	55 lbs/day
Sulfur Oxides (SOx)	150 lbs/day	150 lbs/day
Carbon Monoxide (CO)	550 lbs/dav	550 lbs/day
Lead	3 lbs/day	3 lbs/day
Toxic Air Contaminants (TACs), Odor, and Greenhouse Gas (GHG) Thresholds		
TACs (including carcinogens and non-carcinogens)	Maximum Incremental Cancer Risk> 10 in 1 million Chronic and Acute Hazard Index > 1.0 (project increment) Cancer Burden > 0.5 excess cancer cases (in areas > 1 in 1 million)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	
GHG	10,000MT/yr Carbon Dioxide (CO2) eq for industrial facilities	
Ambient Air Quality for Criteria Pollutants ^(d)		
NOx1-hour average annual average	In attainment; significant if project causes or contributes to an exceedance of any standard: 0.18 ppm (State) 0.03 ppm (State) and 0.0534 ppm (federal)	
PM10,24-hour annual average	10.4 µg/m³(construction) and 2.5 µg/m³(operation) 1.0 µg/m³	
PM2.5,24-hour average	10.4 µg/m³ (construction) and 2.5 µg/m³ (operation)	
SO2,1 -hour average 24-hour average	0.255 ppm (State) and 0.075 ppm federal - 99 th percentile 0.04 ppm (State)	
Sulfate 24-hour average	25 µg/m³ (State)	
CO,1-hour average 8-hour average	In attainment; significant if project causes or contributes to an exceedance of any standard: 20 ppm (State) and 35 ppm (federal) 9.0 ppm (State/federal)	
Lead 30-day average Rolling3-month average	1.5 µg/m³ (State) 0.15 µg/m³ (federal) 1.5 µg/m³ (federal)	

a) Source: SCAQMD CEQA Handbook

b) Construction thresholds apply to both the South Coast Air Basin (SCAB) and Coachella Valley (Salton Sea and Mojave Desert Air Basin).

c) For Coachella Valley; the mass daily thresholds for operation are the same as the construction thresholds.

d) SCAQMD Rule 1303 Table A-2 unless otherwise stated.

KEY: ppm = parts per million; µg/m³ = microgram per cubic meter; lbs/day = pounds per day; MT/yr CO₂eq = metric tons per year of CO₂ equivalents.

3.2 Greenhouse Gases and State Standards

Global climate change refers to changes in average climatic conditions on Earth as a whole, including changes in temperature, wind patterns, precipitation and storms. Historical records indicate that global climate changes have occurred in the past due to natural phenomena; however, data indicate that current global conditions differ from past climate changes in rate and magnitude. According to the Intergovernmental Panel on Climate Change (IPCC), the increase in atmospheric GHGs is largely the result of human activities, namely fossil fuel combustion, land use changes and agriculture (IPCC 2007). GHGs are those compounds in the Earth's atmosphere that play a critical role in determining the Earth's surface temperature. Specifically, these gases allow high-frequency solar radiation to enter the Earth's atmosphere, but retain the low frequency energy which is radiated back from the Earth towards space, resulting in a warming of the atmosphere. Increased concentrations of GHGs in the Earth's atmosphere have been linked to global climate change and such conditions as rising surface temperatures, melting icebergs and snowpack, rising sea levels, and the increased frequency and magnitude of severe weather conditions.

GHGs include carbon dioxide (CO₂), methane (CH₄), ozone (O₃), water vapor, nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆). Carbon dioxide is the most abundant GHG in the atmosphere. GHGs are the result of both natural and anthropogenic activities. Forest fires, decomposition, industrial processes, landfills, and consumption of fossil fuels for power generation, transportation, heating, and cooking are the primary sources of GHG emissions.

In September 2006, Governor Arnold Schwarzenegger signed the California Global Warming Solutions Act of 2006, also known as AB 32, into law. AB 32 commits the State to achieving the following:

- 2000 GHG emission levels by 2010 (which represents an approximately 11 percent reduction from business as usual)
- 1990 levels by 2020 (approximately 25 percent below business as usual)

To achieve these goals, AB 32 mandates that CARB establish a quantified emissions cap, institute a schedule to meet the cap, implement regulations to reduce Statewide GHG emissions from stationary sources, and develop tracking, reporting, and enforcement mechanisms to ensure that reductions are achieved

The CEQA Guidelines, Section 15064.7, define a threshold of significance as an identifiable quantitative, qualitative or performance level of a particular environmental effect, noncompliance with which means the effect will normally be determined to be significant by the agency and compliance with which means the effect normally will be determined to be less than significant. CEQA gives wide latitude to lead agencies in determining what impacts are significant and does not prescribe thresholds of significance, analytical methodologies, or specific mitigation measures (OPR 2007). CEQA leaves the determination of significance to the reasonable discretion of the lead agency and encourages lead agencies to develop and publish thresholds of significance to use in determining the significance of environmental effects.

The SCAQMD released a draft guidance document regarding interim CEQA GHG significance thresholds in October 2008. SCAQMD proposed a tiered approach, whereby the level of detail and

refinement needed to determine significance increases with a project's total GHG emissions. In December 2008, SCAQMD adopted interim CEQA GHG significance thresholds for use only when SCAQMD is the lead agency on projects. These thresholds apply to industrial projects only, and include a 10,000 metric ton CO₂e screening level. For purposes of this analysis, the 10,000 metric ton CO₂e threshold for industrial projects is applied to this project.

While it is difficult to predict the specific impact of one project's incremental contribution to the global effects of GHG emissions due to a variety of factors, including the complex and long term nature of such effects and the global scale of climate change, it is possible to determine whether a project is implementing design strategies consistent with the guidance that is available. Thus, if a project implements design strategies consistent with the goals of AB 32, the project will not be considered to have a significant impact with respect to global climate change, either on a project-specific basis or with respect to its contribution to a cumulative impact on global climate change.

SECTION 4

AIR QUALITY IMPACT ASSESSMENT

4.1 Overview of the Analysis Methodology

To determine whether or not air quality impacts from the proposed project are significant, impacts will be evaluated and compared to the significance criteria in Table 3. If impacts equal or exceed any of the criteria in Table 3, they will be considered significant. Significance determinations for construction impacts are based on the maximum or peak daily emissions during the construction period, which provides a “worst-case” analysis of the construction emissions. Similarly, significance determinations for operational emissions are based on the maximum or peak daily allowable emissions during the operational phase.

For this proposed project, the air quality impact will mainly occur in the operational phase, since there are no major construction activities. For example, there are no demolitions and no constructions of building, roads, etc.

During the operational phase, emission increases will include the following sources:

1. Incremental increase in use of existing heavy equipment to manage the additional tonnage received from MVSL; this is only applicable to the localized health risk assessment as the criteria air pollutant emissions would have been generated at MVSL if the waste had not been diverted, which is within the SCAB.
2. Increase of mileage travelled by offsite refuse haul trucks travelling to STSL instead of MVSL.
3. Increase of onsite refuse haul truck at STSL; this is only applicable to the localized health risk assessment as the criteria air pollutant emissions would have been generated at MVSL if the waste had not been diverted, which is within the SCAB.
4. Increase of fugitive dust emissions from refuse trucks travelling on unpaved and paved roads at STSL.
5. Increased emissions of landfill gas from refuse decomposition related to the additional refuse airspace capacity.
6. Increased emissions of landfill gas combustion in the landfill gas flares related to the additional refuse airspace capacity.

Quantification of emissions, air dispersion, and risk for each of these six sources are provided in the following sections based on SCAQMD recommended methodology (Sections 4.2 to Section 4.4). Regional and localized air quality impacts are determined and summarized in Section 4.5.

4.2 Emissions Calculation Methodology

During the operational phase, the emission increases related to the six identified sources are estimated in this section.

4.2.1 Use of Existing Heavy Equipment

The proposed project will result in an incremental increase in the use of existing heavy equipment during operations to manage the additional tonnage received from MVSL, such as refuse handling (spreading and compacting), grading, and refuse covering. Fuel combustion in the equipment generates emissions. The emissions were calculated using the SCAQMD-approved California Emissions Estimator Model (CalEEMod). The model was developed by the SCAQMD in collaboration with other air districts in California to estimate criteria air pollutant and greenhouse gas emissions from a variety of land use development projects (SCAQMD). It can be used in air quality analysis to estimate impacts for compliance with regulations, such as CEQA, and local air quality rules and regulations.

Operational equipment includes a water truck, dump truck, graders, excavators, loader, compactor, and rubber tired dozer. The equipment is assumed to be operational an additional one to two hours per day. Data presented in Table 4 were input into the CalEEMod model. These activities result in emissions of CO, ROGs, NOx, SOx, PM10, and PM2.5. and GHGs. Appendix A provides the input and output CalEEMod files.

4.2.2 Increased Miles Travelled by Refuse Trucks to the STSL

The proposed project will result in approximately 52 trucks travelling additional distances to STSL as compared with distances travelled to MVSL. Each truck will travel approximately 30 additional miles round trip for a total of 1,560 additional miles travelled per day. Diesel fuel combustion in the truck generates criteria and toxic emissions. Truck trip emissions were calculated using CARB EMFAC2014 model. Regional criteria pollutant emissions were calculated for the increase in daily VMT. Localized criteria pollutant and DPM emissions were calculated for all 160 additional trucks arriving and departing the STSL site. Emissions were calculated for heavy duty diesel trucks with an operational year of 2018. This is a conservative assumption as trucks will be subject to more stringent emissions standards in future years (lower emissions).

Table 4 provides the haul truck information. Data presented in Table 4 were input into the CalEEMod model. The refuse haul truck operation results in emissions of CO, ROGs, NOx, SOx, PM10, and PM2.5 and GHGs. Appendix A provides the input and output CalEEMod files.

4.2.3 Increased Refuse Truck Trips at STSL

The proposed project will result in 160 additional truck round trips at STSL. Refuse haul trucks used for refuse disposal will be a source of combustion emissions. Primary emissions generated will include combustion emissions from engines during idling and while operating. Emissions are based on the estimated number of trips per day and the round trip travel distances within the landfill. Table 5 provides the onsite haul truck emission calculation.

4.2.4 Increased Fugitive Dust Emissions

The proposed project will result in refuse trucks travelling on STSL. The activity has the potential to emit fugitive dust through unpaved and paved road travel. On-site fugitive dust emissions were calculated using USEPA AP-42 emission factors for both unpaved and paved roads. Fugitive dust emissions calculations assumed compliance with SCAQMD Rule 403 requirements for dust control. Table 6 shows the emissions calculation results.

Table 4. Construction Equipment Mix and Offsite Haul Truck Data

Off-Road Equipment Type	Quantity	Usage	Horse	Load
		Hours	Power	Factor
Crawler Tractor (Compactor)	1	2	212	0.43
Excavator	1	1	158	0.38
Grader	1	1	178	0.41
Off-Highway Truck	1	1	402	0.38
Other Material Handling Equipment	1	2	168	0.4
Dozer	1	2	247	0.4
Water Truck	1	2	200	0.5
Truck Trips				
Truck Trips per Day (With Increase in Distance Travelled)	52			
Roundtrip Length (mi)	30			
Daily Vehicle Mile Travelled (VMT)	1560			
Days per Year	15			
Total Trips	780			

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Table 5. Onsite Haul Truck Operations Data and Emissions Calculation**On-site Truck Trips**

Parameter	Value	Notes
Trucks per Day	160	
Paved Road Length (m)	1215	Measured in Lakes AERMOD
Paved Road Daily VMT	242	Roundtrip length
Unpaved Road Length (m)	689	Measured in Lakes AERMOD
Unpaved Road Daily VMT	137	Roundtrip length
Idle time per Truck (min)	15	5-minute idle x 3
Total Daily Idle Time (hrs)	40	

EMFAC2014 Emission Factors (g/mi)

Region	CalYr	VehClass	MdlYr	Speed	Fuel	VMT	TOG RUNEX	CO RUNEX	NO _x RUNEX	PM10 RUNEX	PM2.5 RUNEX
South Coast	2018	T7 Single	Aggregated	5	DSL	1154.8	1.4248	3.4039	18.4893	0.1348	0.1290
South Coast	2018	T7 SWCV	Aggregated	5	DSL	16306.4	10.9368	23.6199	21.1566	0.0241	0.0231
South Coast	2018	T7 tractor	Aggregated	5	DSL	2570.6	1.4715	4.6158	20.5163	0.0587	0.0562
South Coast	2018	T7 Single	Aggregated	15	DSL	10401.6	0.7250	2.0349	10.8673	0.0858	0.0821
South Coast	2018	T7 SWCV	Aggregated	15	DSL	17909.9	5.7197	13.4625	12.5416	0.0155	0.0149
South Coast	2018	T7 tractor	Aggregated	15	DSL	25624.7	0.8067	2.6214	12.1856	0.0426	0.0408

	R O G	C O	N O x	P M 1 0	P M 2 . 5
Paved Road Emission Rate (g/s)	7E-03	2E-02	1E-01	4E-04	3E-04
Unpaved Road Emission Rate (g/s)	4E-03	1E-02	6E-02	2E-04	2E-04
Idling Emission Rate (g/s)	2E-03	6E-03	3E-02	8E-05	8E-05
Paved Road Emission Rate (lbs/year)	5.59	18.03	83.00	0.28	0.27
Unpaved Road Emission Rate (lbs/year)	2.44	7.91	36.78	0.13	0.12

Table 6. Fugitive Emissions Calculation

On-site Truck Trips

Parameter	Value
Trucks per Day	160
Paved Road Length (m)	1215
Paved Road Daily VMT	242
Unpaved Road Length (m)	689
Unpaved Road Daily VMT	137

PM10 PM2.5

Emission Factors

Paved Roads

$$E_{ext} = [k (sL)^{0.91} \times (W)^{1.02}] (1 - P/4N)$$

Parameters

	Value	Value
K	0.35	0.053
sL (g/m ²)	0.1	0.1
W (tons)	2.4	2.4
P (days)	0	0
N (days)	365	365
Uncontrolled Road Emission Factor (g/mi)	0.1052	0.0159
Control Factor (%)	26%	26%
Controlled Emission Factor	0.0778	0.0118
Paved Road Emission rate (g/s)	6.53E-04	9.89E-05

Unpaved Road Emissions

$$E.F._{dust,i} = \left(\frac{k(s/12)^1 (S/30)^{0.5}}{(M/0.5)^{0.2}} - C \right) \left(1 - \frac{P}{365} \right)$$

P	Value	Value
K	0.35	0.053
s (%)	8.5	8.5
M (%)	0.5	0.5
S (mph)	15	15
P (days)	0	0
C	0	0
Uncontrolled Road Emission Factor (g/mi)	0.1753	0.0265
Control Factor (%)	61%	61%
Controlled Emission Factor	0.0684	0.0104
Unpaved Road Emission rate (g/s)	3.25E-04	4.92E-05

4.2.5 Increase Landfill Gas Generation

The proposed project will result in an increase of landfill gas generation due to decomposition of the additional refuse within the additional 1,000,000 cubic yards of refuse airspace capacity. Landfill gas emissions were calculated using the USEPA LandGEM model.

The LandGEM model was first ran to simulate the pre-expansion condition when the STSL began to operation in 1980. The LandGEM model was then ran to simulate post-expansion condition when the STSL begins in 2018 to accept 15,000 tons per year of refuse. The model takes into account a total of 620,000 additional tons of refuse placed within 1,000,000 cy of additional airspaces over the remaining life of the landfill. Comparison of the pre-expansion and post-expansion model results provides the increased landfill gas emissions from the project implementation. Table 7 provides the LandGEM model results. The highest emissions occur in the landfill closure year (2040). Appendix B provides the LandGEM output files.

STSL has an active gas collection system and use a flare system to reduce landfill gas emissions. The increased landfill gas emissions will be captured and controlled by the onsite flares. USEPA estimates that about 60 to 90 percent of land fill gas emitted from the landfill is captured by landfill gas collection system (USEPA Landfill). A capture efficiency of 80 percent is assumed in this study. The captured landfill gas will be destructed by the flare system. A destruction efficiency of 99.9% is assumed based on the flare source test conducted in 2017 (SCS 2017). Fugitive emissions of the landfill gas to the landfill surface are expected to be minimal due to regular onsite monitoring.

4.2.6 Increase Landfill Gas Combustion Emissions

The proposed project will result in an increase of landfill gas combustion emission from the flare. The increase emissions were calculated based on: emissions factors provided by the flare manufacturers and operational data of the flare, and the flare permit conditions. **The maximum increase of landfill gas due to the additional amount of refuse buried was used to determine the flare combustion emissions.** Table 8 provides the emission calculation and results. Table 8 provides the emission calculation and results.

4.3 Dispersion Modeling

Air quality impacts from the dispersion of the emissions determined in Section 4.2 was determined using AMS/EPA Regulatory Model (AERMOD), version 16216. Meteorological data from the SCAQMD's Redlands monitoring station was used to represent local weather conditions and prevailing winds data. Terrain data from U.S. Geological Survey (USGS) was used to assign elevation to sources and receptors.

Sensitive receptors were placed at proposed residential locations at ground level. Figure 3 shows the receptor placement and emissions sources. Ground level elevation data for sensitive receptors and sources were obtained from the USGS National Elevation Data Set (NED). It was assumed that truck and equipment emissions would be occurring 8-hours per day representing normal business hours. Flare emissions may operate 24-hours per day. Table 9 provides the emissions input to the AERMOD model. Appendix C provides the AERMOD model run files.

Table 7. LandGEM Model Results

San Timoteo Sanitary Landfill Pre-Expansion						San Timoteo Sanitary Landfill Post-Expansion						San Timoteo Sanitary Landfill Additional Generation			
Year	Total Tons	LFG, Mg	Methane, Mg	CO ₂ , Mg	NMOC, Mg	Year	Total Tons	LFG, Mg	Methane, Mg	CO ₂ , Mg	NMOC, Mg	LFG, Mg	Methane, Mg	CO ₂ , Mg	NMOC, Mg
2018	314,191	34,383	9,184	25,199	394.7	2018	329,191	34,383	9,184	25,199	394.7	0	0	0	0.0
2019	317,333	36,106	9,644	26,461	414.5	2019	332,333	36,220	9,675	26,546	415.8	115	31	84	1.3
2020	320,506	37,819	10,102	27,717	434.2	2020	335,506	38,046	10,162	27,883	436.8	227	61	167	2.6
2021	323,711	39,522	10,557	28,965	453.8	2021	338,711	39,859	10,647	29,213	457.6	338	90	247	3.9
2022	326,948	41,216	11,009	30,207	473.2	2022	341,948	41,662	11,128	30,533	478.3	446	119	327	5.1
2023	330,218	42,901	11,459	31,442	492.6	2023	345,218	43,453	11,607	31,846	498.9	552	147	404	6.3
2024	333,520	44,578	11,907	32,671	511.8	2024	348,520	45,234	12,082	33,151	519.3	655	175	480	7.5
2025	336,855	46,247	12,353	33,894	531.0	2025	351,855	47,005	12,555	34,449	539.7	757	202	555	8.7
2026	340,224	47,909	12,797	35,112	550.0	2026	355,224	48,766	13,026	35,740	559.9	857	229	628	9.8
2027	343,626	49,563	13,239	36,324	569.0	2027	358,626	50,518	13,494	37,024	580.0	955	255	700	11.0
2028	347,062	51,211	13,679	37,532	588.0	2028	362,062	52,262	13,960	38,302	600.0	1,051	281	770	12.1
2029	350,533	52,852	14,117	38,735	606.8	2029	365,533	53,997	14,423	39,574	619.9	1,145	306	839	13.1
2030	354,038	54,488	14,554	39,933	625.6	2030	369,038	55,724	14,885	40,840	639.8	1,237	330	906	14.2
2031	357,578	56,117	14,990	41,128	644.3	2031	372,578	57,444	15,344	42,100	659.5	1,327	354	973	15.2
2032	361,154	57,742	15,424	42,318	662.9	2032	376,154	59,157	15,802	43,356	679.2	1,415	378	1,037	16.3
2033	364,766	59,362	15,856	43,506	681.5	2033	379,766	60,864	16,257	44,607	698.8	1,502	401	1,101	17.2
2034	368,413	60,977	16,288	44,690	700.1	2034	383,413	62,564	16,712	45,853	718.3	1,587	424	1,163	18.2
2035	372,098	62,588	16,718	45,870	718.6	2035	387,098	64,259	17,164	47,095	737.8	1,671	446	1,224	19.2
2036	375,819	64,196	17,147	47,049	737.0	2036	390,819	65,948	17,615	48,333	757.2	1,752	468	1,284	20.1
2037	379,577	65,800	17,576	48,224	755.5	2037	394,577	67,633	18,065	49,567	776.5	1,832	489	1,343	21.0
2038	383,372	67,401	18,004	49,398	773.8	2038	398,372	69,312	18,514	50,798	795.8	1,911	510	1,400	21.9
2039	73,631	69,000	18,431	50,569	792.2	2039	377,867	70,988	18,962	52,026	815.0	1,988	531	1,457	22.8
2040	0	68,197	18,216	49,981	783.0	2040	0	72,473	19,358	53,115	832.1	4,276	1,142	3,134	49.1
	13,269,810						13,889,047								

Table 8. Landfill Flare Emissions

Flare	
Stack Parameters	Value
Stack Diameter (ft)	9
Stack Height (ft)	40
Stack Temperature (F)	1400
Maximum Flow Rate (CFM)	2100
NO _x (lbs/MMBTU)	0.06
Heat Value (MMBTU/MMSCF)	500
Landfill Gas Flow Rate (CFM)	230
Emissions, lbs/day	9.936
Emissions, g/s	0.0522
CO (ppmv)	2000
Molecular Weight, lbs/lbmole	28.01
Emissions, (mg/m ³)	2290.992
Emissions, (mg/cf)	64.87362
Emissions, (g/s)	0.249
PM ₁₀ (gr/SCF)	0.1
Emissions, (g/SCF)	0.0065
Emissions, (g/s)	0.0248
NMOC (ppmv)	20
Molecular Weight	86.18
NMOC (mg/m ³)	70.4883
NMOC (mg/cf)	1.996004
Landfill Gas Flow Rate (CFM)	230
NMOC (mg/day)	1.46

Table 9. Emissions Input to AERMOD Model Run

Source	NO _x	CO	PM ₁₀	PM _{2.5}
Landfill Area				
Equipment Emissions (lbs/day)	4.111	5.079	0.166	0.166
On-site Fugitive Dust (lbs/day)	0.000	0.000	4.345	0.770
Total Landfill Area (lbs/day)	4.111	5.079	4.511	0.936
Total Landfill Area (g/s)	0.065	0.080	0.071	0.015
Paved Road				
Paved Road Fugitive Dust (g/s)			6.53E-04	9.89E-05
Travel Emission Factor (g/s)	0.102	0.022	3.58E-04	3.42E-04
Idle Emission Factor (g/s)	0.028	0.006	8.15E-05	7.80E-05
Total Paved Road (g/s)	0.131	0.028	1.09E-03	5.19E-04
Unpaved Road				
Unpaved Road Fugitive Dust (g/s)			3.25E-04	4.92E-05
Travel Emission Factor (g/s)	0.058	0.012	2.03E-04	1.94E-04
Idle Emission Factor (g/s)				
Total Unpaved Road (g/s)	0.058	0.012	5.27E-04	2.43E-04
Flare				
Stack (g/s)	0.0522	0.249	0.0248	

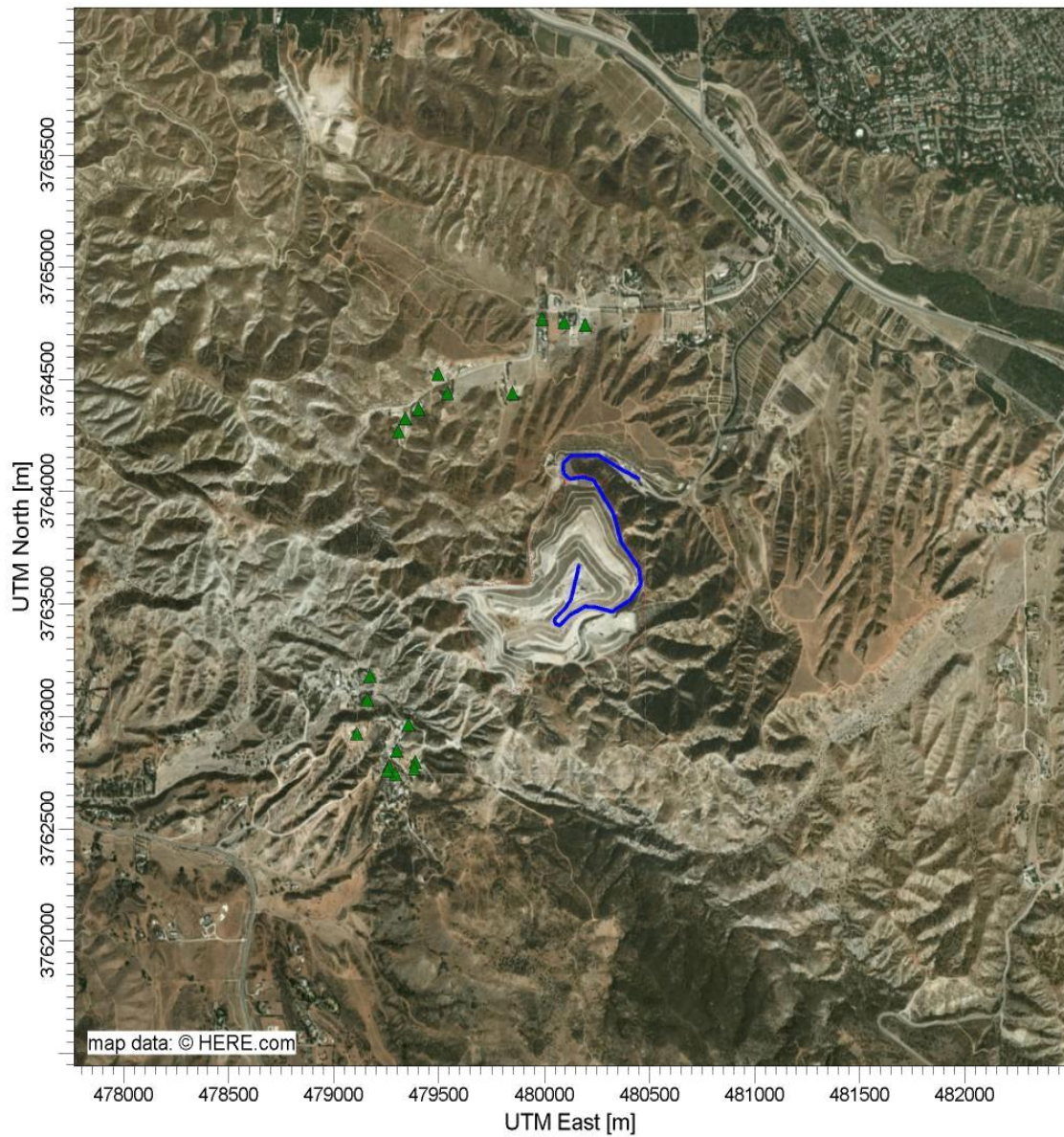


Figure 3: Sources and Receptors Diagram

4.4 Health Risk Calculations

On days where additional tonnage is accepted at the STSL, waste handling activities would emit diesel particulate matter (DPM) from heavy duty trucks and heavy equipment. The California Air Resources Board (CARB) and the Office of Environmental Health and Hazard Assessment (OEHHA) has classified DPM as a carcinogen. In addition to DPM, landfill gases would also be emitted from decomposition of waste. Flaring would be performed to control landfill gases with small amounts of toxic air contaminants (TACs) emitted. Types and quantities of TACs are from LandGEM model runs output. Table 10 provides the TAC profile.

A health risk assessment (HRA) was performed to determine impacts to off-site sensitive uses (residential) resulting from emissions of criteria pollutants and TACs resulting from STSL operations. As DPM is emitted from nearby truck travel and idling operations, CARB and the SCAQMD recommend conducting a health risk assessment (HRA) to assess impacts to sensitive uses located near the Project site. In addition, TACs would be generated through landfill gas flaring. The model used is the Hotspots Analysis and Reporting Program (HARP2 2017).

Cancer risk was calculated using the most recent Office of Environmental Health Hazard Assessment (OEHHA) guidelines for health risk assessments. The exposure duration was assumed to be 30 years which is recommended by OEHHA for evaluating residential exposure. Age sensitivity factors (ASFs) and fraction of time at residence was based on default values provided by OEHHA. Age sensitivity factors take into account potential increased sensitivity to toxics during early life stages including prenatal, postnatal and juvenile life stages. As a conservative estimate, cancer risk calculations assume the youngest life stage (Prenatal, 3rd trimester) would be exposed to pollutants.

Table 10. Landfill Gas Toxic Air Pollutants

Gas / Pollutant	HARP Inputs		
	CAS No.	lbs/yr	lbs/hr
1,1,1-Trichloroethane (methyl chloroform) - HAP	79005	0.1865	2.13E-05
1,1,2,2-Tetrachloroethane - HAP/VOC	79345	0.5378	6.14E-05
1,1-Dichloroethane (ethylidene dichloride) - HAP/VOC	75343	0.6919	7.90E-05
1,1-Dichloroethene (vinylidene chloride) - HAP/VOC	75354	0.0565	6.45E-06
1,2-Dichloroethane (ethylene dichloride) - HAP/VOC	107062	0.1182	1.35E-05
1,2-Dichloropropane (propylene dichloride) - HAP/VOC	78875	0.0592	6.76E-06
2-Propanol (isopropyl alcohol) - VOC	67630	8.7546	9.99E-04
Acrylonitrile - HAP/VOC	107131	0.9737	1.11E-04
Benzene - No or Unknown Co-disposal - HAP/VOC	71432	0.4323	4.93E-05
Benzene - Co-disposal - HAP/VOC	71432	2.5027	2.86E-04
Bromodichloromethane - VOC	75274	1.4794	1.69E-04
Carbon disulfide - HAP/VOC	75150	0.1286	1.47E-05
Carbon tetrachloride - HAP/VOC	56235	0.0018	2.05E-07
Carbonyl sulfide - HAP/VOC	463581	0.0857	9.79E-06
Chlorobenzene - HAP/VOC	108907	0.0820	9.36E-06
Chlorodifluoromethane	75456	0.3274	3.74E-05
Chloroethane (ethyl chloride) - HAP/VOC	75003	0.2443	2.79E-05
Chloroform - HAP/VOC	67663	0.0104	1.19E-06
Chloromethane – VOC	74873	0.1765	2.01E-05
Dichlorobenzene - (HAP for para isomer/VOC)	25321226	0.0899	1.03E-05
Dichlorodifluoromethane	75718	5.6351	6.43E-04
Dichlorofluoromethane - VOC	75434	0.7795	8.90E-05
Dichloromethane (methylene chloride) - HAP	75092	3.4638	3.95E-04
Ethylbenzene - HAP/VOC	100414	1.4224	1.62E-04
Ethylene dibromide - HAP/VOC	106934	0.0005	6.25E-08
Fluorotrichloromethane - VOC	75694	0.3041	3.47E-05
Hexane - HAP/VOC	110543	1.6568	1.89E-04
Hydrogen sulfide	7783064	3.5737	4.08E-04
Mercury (total) – HAP	7439976	0.0002	1.93E-08
Methyl ethyl ketone - HAP/VOC	78933	1.4913	1.70E-04
Methyl isobutyl ketone - HAP/VOC	108101	0.5543	6.33E-05
Methyl mercaptan – VOC		0.3503	4.00E-05
Perchloroethylene (tetrachloroethylene) - HAP	127184	1.7872	2.04E-04
t-1,2-Dichloroethene – VOC	75694	0.7906	9.03E-05
Toluene - No or Unknown Co-disposal - HAP/VOC	108883	10.4661	1.19E-03
Toluene - Co-disposal - HAP/VOC	108883	45.6213	5.21E-03
Trichloroethylene (trichloroethene) - HAP/VOC	79016	1.0717	1.22E-04
Vinyl chloride - HAP/VOC	75014	1.3290	1.52E-04
Xylenes - HAP/VOC	1330207	3.7107	4.24E-04

4.5 Analysis Results

Table 11 compares the project element emissions with the SCAQMD's regional and localized significance threshold levels. As Table 11 shows emissions increase from the proposed project would not exceed SCAQMD regional significance thresholds for ROGs, NO_x, CO, SO₂, and PM₁₀. Thus, project emissions would result in a less than significant regional impact.

Criteria pollutant emissions were calculated for the additional truck trips, equipment hours, landfill gas emissions and fugitive dust. Regional criteria pollutant emissions were compared to SCAQMD CEQA Significance Thresholds for Operations. Localized pollutant concentrations modeled using AERMOD and were compared to ambient air quality standards consistent with SCAQMD Localized Significance Threshold Methodology.

The maximum cancer risk impact for off-site sensitive receptors is 5.5E-2 in one million, which is less than the SCAQMD significance threshold of ten in one million. The point of maximum impact (PMI) would occur at residential uses located on the north-west of the Project site. Chronic and Acute health risk impacts are also below the SCAQMD significance threshold of one. Table 12 provides the risk assessment results. Appendix D provides the HARP health risk model files.

Table 11. Project Air Emissions vs. SCAQMD Regional and Localized Emissions Thresholds

Regional Emissions – STSL Operations						
Source	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
On-site Equipment and Trucks, lbs/day	<1	4	5	<1	5	<1
Off-site Truck Hauling, lbs/day	<1	21	5	<1	2	<1
Landfill Gas, lbs/day	2.8	9.9	47	3.1	3.7	0.0
Total Emissions, lbs/day	3.7	34.9	57	5.1	10.7	1.5
SCAQMD Significance						
Threshold (lbs/day)	55	55	550	150	150	55
Over / (Under)	(52)	(25.3)	(503)	(144.9)	(139.3)	(54)
Exceed Threshold?	No	No	No	No	No	No
Localized Pollutant Concentrations - STSL Operations						
Parameter	1-hr NOx ^a	1-hr CO	8-hr CO	24-hr PM10	24-hr PM2.5	
Project Contribution (µg/m³)	2.7	2.5	0.4	0.10	0.02	
Background Concentration (µg/m³)	105.6	4,600	2,760	-	-	
Project + Background (µg/m³) ^b	108	4,603	2,760	0.10	0.02	
Threshold (µg/m³) ^b	188	23,000	10,000	2.5	2.5	
Over/(Under)	(80)	(18,397)	(7,240)	(2)	(2)	
Exceed Threshold?	No	No	No	No	No	

^a 98th percentile 1-hr NO₂^b Background concentration for SRA 34 (San Bernardino County) - 2014-2016

Table 12. Risk Assessment Results

Health Risk	
Parameter	
Project Cancer Risk (per million)	5.5E-2
Threshold (per million)	10.0
Over/(Under)	(10.0)
Exceed Threshold?	No
Project Chronic Risk (HI)	4.4E-5
Threshold	1
Over/(Under)	(1.0)
Exceed Threshold?	No
Project Acute Risk (HI)	3.3E-5
Threshold	1
Over/(Under)	(1.0)
Exceed Threshold?	No

4.6 Greenhouse Gas Emissions

GHG emissions from this proposed project are from two major sources:

1. Fuel combustion in construction equipment and refuse truck hauling. The CalEEMod model runs show that the GHG emissions increases are 7,345 lbs per day Carbon Dioxide Equivalent (CO_{2e}) or 111,175 lbs/yr based on 15 days/yr of operation.
2. Methane gas generation from refuse decomposition. The LandGEM model runs show that the increased methane gas emissions are 1,142 Mg per year (see Table 7). The flare will reduce the methane emissions by 80% capture efficiency and 99.9% destruction efficiency. The methane gas emissions are converted to CO_{2e} by multiplying the global warming potential factor of 23. The increased carbon dioxide emissions are 3,134 Mg/year. It should be noted that carbon dioxide emissions from Municipal Sanitary Landfill are not considered contributing to global climate change because the carbon was contained in recently living biomass (i.e., is biogenic) and the same carbon dioxide would be emitted as a result of the natural decomposition of the organic waste materials if they were not buried in the landfill. This assumption is consistent with the international greenhouse gas protocols (2006 IPCC).

Table 13 shows the total GHG emissions calculation. As shown in Table 13, GHG emissions are below SCAQMD significance thresholds of 10,000 Metric tons per year.

Table 13. GHG Emissions

Emission Source	CO_{2e} (lbs)	CO_{2e} (Metric Tons/yr)
GHG emissions from construction equipment and refuse haul truck	111,175	49.9
GHG emissions from refuse decomposition	11,583	5.3
Total	122,758	55.68
	SCAQMD Significance Threshold	10,000
	Exceeded?	No

4.7 Odors

Due to the nature of landfill activities, odors are expected from the proposed project. There are relatively few residents and businesses in the vicinity of the STSL, and they are located far from the landfill. Odor complaints are not expected to increase. In addition, the site is subject to SCAQMD Rule 402 and Rule 1150 permits. Compliance with the rules ensures that the odor impact would be less than significant.

4.8 Consistency with Regional Air Quality Plan

The SCAQMD is required, pursuant to the Clean Air Act, to reduce emissions of certain pollutants for which the Basin is in non-attainment (i.e., ozone and PM10). The project would be subject to the SCAQMD's Air Quality Management Plan (AQMP). The AQMP contains a comprehensive list of pollution control strategies directed at reducing emissions and achieving ambient air quality standards. These strategies are developed, in part, based on regional population, housing, and employment projections ~~prepared by~~.

The determination of AQMP consistency is primarily concerned with the long-term influence of the project on air quality in the Basin. Neither the development of the project nor its operation would result in short-term and long-term regional impacts. The project would comply with SCAQMD Rule 403 and would implement all feasible mitigation measures for control of PM10 and PM2.5; the project would be consistent with the goals and policies of the AQMP for control of fugitive dust. The proposed project is not expected in conflict with the AQMP.

4.9 Cumulative Impacts

With respect to the project's air quality emissions and cumulative Basin-wide conditions, the SCAQMD has developed strategies to reduce regional-impact pollutant emissions, as outlined in the AQMP pursuant to federal Clean Air Act mandates. As such, the proposed project would comply with SCAQMD Rule 403 requirements, and implement all feasible mitigation measures. In addition, the proposed project would comply with adopted AQMP emissions control measures (e.g. flare emission control). Per SCAQMD rules and mandates, as well as the CEQA requirement that significant impacts be mitigated to the extent feasible, these same requirements (i.e., Rule 403 compliance, the implementation of all feasible mitigation measures, and compliance with adopted AQMP emissions control measures) would also be imposed on projects Basin-wide.

No cumulatively significant effects are anticipated for the proposed project. Long term operation and maintenance of the project improvements to be implemented would result in minimal air quality impacts and would not contribute to cumulatively significant air quality impacts in the project vicinity. Therefore, no cumulatively significant effects from long-term operation are anticipated from implementation of the proposed project.

Within the context of CEQA, it is generally accepted that a single project does not typically generate enough GHG emissions to significantly influence global climate change. For the proposed project, no cumulatively significant GHG impacts will be experienced.

SECTION 5

MITIGATION MEASURES

The California Public Resources Code, Section 21081.6, requires that a lead or responsible agency adopt a mitigation monitoring plan (MMP) to reduce potential adverse environmental impacts to less-than-significant levels. A MMP is intended to address the potential environmental impacts, and where appropriate, recommends measures to mitigate these impacts. As such, an MMP is required to guarantee that the adopted mitigation measures are successfully implemented. This plan lists each mitigation measure, describes the methods for implementation and verification, and identifies the responsible party or parties.

This air quality impact analysis found that the proposed project has less than significant impact. The MMP for the proposed project shall be in place to ensure compliance with SCAQMD Rules 402, 403, 1150 and all applicable permit conditions.

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APPENDIXA

CALEEMOD OUTPUT FILES

San Timoteo Landfill (STSL) - Upgraded Hours - South Coast AQMD Air District, Winter

San Timoteo Landfill (STSL) - Upgraded Hours

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	100.00	1000sqft	10.00	100,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	12	Operational Year	2020		
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Assumed 10 acre working face

Construction Phase - 15 days per year

Off-road Equipment - See assumptions

Trips and VMT - 52 roundtrips/day x 15 days = 780 Trips

30 mile roundtrip length

1 Water Truck (Vendor Trip)

Grading - Total acreage of the site based on STLF Site Plan.pdf

1,000 tons/day x 15 days/year

Construction Off-road Equipment Mitigation - All Tier 3 Equipment

Table Name			

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	20.00	15.00
tblGrading	AcresOfGrading	2.81	114.00
tblGrading	MaterialImported	0.00	15,000.00
tblLandUse	LotAcreage	2.30	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripNumber	0.00	780.00
tblTripsAndVMT	VendorTripLength	6.90	10.00
tblTripsAndVMT	VendorTripNumber	0.00	1.00
tblTripsAndVMT	WorkerTripNumber	15.00	20.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019 3	1.4166	28.5916	8.9105	0.0688	11.2501	0.4254	11.6755	2.1467	0.3945	2.5412	0.0000	7.327.865 3	7.327.865 3	0.6921	0.0000	7.345.168 3
Maximum	1.4166	28.5916	8.9105	0.0688	11.2501	0.4254	11.6755	2.1467	0.3945	2.5412	0.0000	7.327.865 3	7.327.865 3	0.6921	0.0000	7.345.168 3

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019 3	0.9280	24.8074	10.1924	0.0688	5.9399	0.2527	6.1927	1.2054	0.2489	1.4543	0.0000	7.327.865 3	7.327.865 3	0.6921	0.0000	7.345.168 3
Maximum	0.9280	24.8074	10.1924	0.0688	5.9399	0.2527	6.1927	1.2054	0.2489	1.4543	0.0000	7.327.865 3	7.327.865 3	0.6921	0.0000	7.345.168 3

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	34.49	13.24	-14.39	0.00	47.20	40.59	46.96	43.85	36.90	42.77	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.2349	9.0000e-005	0.0103	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005			0.0219	0.0219	6.0000e-005	0.0234
Energy		0.0308	0.2796	0.2349	1.6800e-003		0.0213	0.0213		0.0213			335.5359	335.5359	6.4300e-003	337.5298
Mobile	1.4132	7.8831	19.7630	0.0697	5.7755	0.0720	5.8475	1.5454	0.0676	1.6130			7,081.708 3	7,081.708 3	0.3609	7,090.730 6

Total	3.6789	8.1628	20.0081	0.0713	5.7755	0.0933	5.8688	1.5454	0.0889	1.6343		7,417.266	7,417.266	0.3674	6.1500e-	7,428.283

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area 005	2.2349	9.0000e-	0.0103	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0219	0.0219	6.0000e-005		0.0234
Energy 003	0.0308	0.2796	0.2349	1.6800e-		0.0213	0.0213		0.0213	0.0213		335.5359	335.5359	6.4300e-003	6.1500e-003	337.5298
Mobile 3	1.4132	7.8831	19.7630	0.0697	5.7755	0.0720	5.8475	1.5454	0.0676	1.6130		7,081.708	7,081.708	0.3609		7,090.730
Total	3.6789	8.1628	20.0081	0.0713	5.7755	0.0933	5.8688	1.5454	0.0889	1.6343		7,417.266	7,417.266	0.3674	6.1500e-003	7,428.283

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	1/1/2019	1/21/2019	5	15	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 114

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Grading	Crawler Tractors	1	2.00	212	0.43
Grading	Excavators	1	1.00	158	0.38
Grading	Graders	1	1.00	187	0.41
Grading	Off-Highway Trucks	1	1.00	402	0.38
Grading Equipment	Other Material Handling	1	2.00	168	0.40
Grading	Rubber Tired Dozers	1	2.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	20.00	1.00	780.00	14.70	10.00	30.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.6548	0.0000	9.6548	1.7114	0.0000	1.7114			0.0000			0.0000
Off-Road	0.7012	7.8954	3.7970	8.6700e-003		0.3389	0.3389		0.3118	0.3118		858.2669	858.2669	0.2716		865.0556
Total	0.7012	7.8954	3.7970	8.6700e-003	9.6548	0.3389	9.9937	1.7114	0.3118	2.0232		858.2669	858.2669	0.2716		865.0556

Unmitigated Construction Off-Site

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

Category	lb/day										lb/day				
Hauling	0.6036	20.4833	4.2661	0.0575	1.3625	0.0837	1.4461	0.3733	0.0801	0.4534		6,212.2920	6,212.2920	0.4114	6,222.5765
Vendor	5.0600e-003	0.1383	0.0367	3.4000e-004	9.2600e-003	1.0900e-003	0.0104	2.6700e-003	1.0400e-003	3.7100e-003		36.3752	36.3752	2.2900e-003	36.4325
Worker		0.1067	0.0747	0.8108	2.2200e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6000e-003	0.0609	220.9312	220.9312	6.9000e-003	221.1037
Total	0.7153	20.6963	5.1135	0.0601	1.5953	0.0865	1.6818	0.4353	0.0827	0.5180		6,469.5984	6,469.5984	0.4206	6,480.1127

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.3447	0.0000	4.3447	0.7701	0.0000	0.7701			0.0000			0.0000
Off-Road 003	0.2127	4.1112	5.0789	8.6700e-003		0.1662	0.1662		0.1662	0.1662	0.0000	858.2669	858.2669	0.2716		865.0556
Total	0.2127	4.1112	5.0789	8.6700e-003	4.3447	0.1662	4.5109	0.7701	0.1662	0.9364	0.0000	858.2669	858.2669	0.2716		865.0556

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling 0	0.6036	20.4833	4.2661	0.0575	1.3625	0.0837	1.4461	0.3733	0.0801	0.4534		6,212.2920	6,212.2920	0.4114		6,222.5765
Vendor	5.0600e-003	0.1383	0.0367	3.4000e-004	9.2600e-003	1.0900e-003	0.0104	2.6700e-004	1.0400e-003	3.7100e-003		36.3752	36.3752	2.2900e-003		36.4325
Worker	0.1067	0.0747	0.8108	2.2200e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6000e-003	0.0609	0.0000	220.9312	220.9312	6.9000e-003		221.1037
Total	0.7153	20.6963	5.1135	0.0601	1.5953	0.0865	1.6818	0.4353	0.0827	0.5180		6,469.5984	6,469.5984	0.4206		6,480.1127

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4132	7.8831 3	19.7630	0.0697	5.7755	0.0720	5.8475	1.5454	0.0676	1.6130		7,081.708	7,081.708	0.3609		7,090.730 3
Unmitigated	1.4132	7.8831 3	19.7630	0.0697	5.7755	0.0720	5.8475	1.5454	0.0676	1.6130		7,081.708	7,081.708	0.3609		7,090.730 3 6

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	683.00	249.00	73.00	2,123,089	2,123,089
Total	683.00	249.00	73.00	2,123,089	2,123,089

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Industrial Park	8.40	6.90	59.00	28.00	13.00	79	19	2	

4.4 Fleet Mix

Land Use	LDA	LD11	LD12	MDV	LHD1	LHD2	MHD	RHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.547828	0.043645	0.199892	0.122296	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

NaturalGas Mitigated	0.0308	0.2796	0.2349	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.5359	335.5359	6.4300e-003	6.1500e-003	337.5298
NaturalGas Unmitigated	0.0308	0.2796	0.2349	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.5359	335.5359	6.4300e-003	6.1500e-003	337.5298

5.2 Energy by Land Use – NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Industrial Park 003	2852.05	0.0308	0.2796	0.2349	1.6800e-		0.0213	0.0213		0.0213	0.0213	335.5359	335.5359	6.4300e-	6.1500e-003	337.5298	
Total		0.0308	0.2796	0.2349	1.6800e-003		0.0213	0.0213		0.0213	0.0213	335.5359	335.5359	6.4300e-003	6.1500e-003	337.5298	

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
Industrial Park 003	2.85205	0.0308	0.2796	0.2349	1.6800e-		0.0213	0.0213		0.0213	0.0213		335.5359	335.5359	6.4300e-003	6.1500e-003	337.5298	
Total		0.0308	0.2796	0.2349	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.5359	335.5359	6.4300e-003	6.1500e-003	337.5298	

6.0 Area Detail

6.1 Mitigation Measures Area

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

				Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Boilers _____						
Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type	
User Defined Equipment _____						
Equipment Type	Number					

11.0 Vegetation

APPENDIX B

LANDGEM REPORT



Summary Report

Landfill Name or Identifier: San Timoteo LF Post-Expansion

Date: Tuesday, May 22, 2018

Description/Comments:

San Timoteo Landfill Post-Expansion LFG Generation.

About LandGEM:

First-Order Decomposition Rate Equation:

$$Q_{CH_4} = \sum_{i=1}^n \sum_{j=0.1}^1 k L_o \left(\frac{M_i}{10} \right) e^{-k t_{ij}}$$

Where,

Q_{CH_4} = annual methane generation in the year of the calculation ($m^3/year$)

i = 1-year time increment

n = (year of the calculation) - (initial year of waste acceptance)

j = 0.1-year time increment

k = methane generation rate ($year^{-1}$)

L_o = potential methane generation capacity (m^3/Ma)

M_i = mass of waste accepted in the i^{th} year (Ma)

t_{ij} = age of the j^{th} section of waste mass M_i accepted in the i^{th} year
(decimal years e.g. 3.2 years)

LandGEM is based on a first-order decomposition rate equation for quantifying emissions from the decomposition of landfilled waste in municipal solid waste (MSW) landfills. The software provides a relatively simple approach to estimating landfill gas emissions. Model defaults are based on empirical data from U.S. landfills. Field test data can also be used in place of model defaults when available. Further guidance on EPA test methods, Clean Air Act (CAA) regulations, and other guidance regarding landfill gas emissions and control technology requirements can be found at <http://www.epa.gov/ttnatw01/landfill/landflpg.html>.

LandGEM is considered a screening tool — the better the input data, the better the estimates. Often, there are limitations with the available data regarding waste quantity and composition, variation in design and operating practices over time, and changes occurring over time that impact the emissions potential. Changes to landfill operation, such as operating under wet conditions through leachate recirculation or other liquid additions, will result in generating more gas at a faster rate. Defaults for estimating emissions for this type of operation are being developed to include in LandGEM along with defaults for conventional landfills (no leachate or liquid additions) for developing emission inventories and determining CAA applicability. Refer to the Web site identified above for future updates.

Input Review

LANDFILL CHARACTERISTICS

Landfill Open Year	1980	
Landfill Closure Year (with 80-year limit)	2039	
Actual Closure Year (without limit)	2039	
Have Model Calculate Closure Year?	No	
Waste Design Capacity		<i>short tons</i>

MODEL PARAMETERS

Methane Generation Rate, k	0.020	<i>year⁻¹</i>
Potential Methane Generation Capacity, L ₀	170	<i>m³/Mg</i>
NMOC Concentration	4,000	<i>ppmv as hexane</i>
Methane Content	50	<i>% by volume</i>

GASES / POLLUTANTS SELECTED

Gas / Pollutant #1:	Total landfill gas
Gas / Pollutant #2:	Methane
Gas / Pollutant #3:	Carbon dioxide
Gas / Pollutant #4:	NMOC

WASTE ACCEPTANCE RATES

Year	Waste Accepted		Waste-In-Place	
	(Mg/year)	(short tons/year)	(Mg)	(short tons)
1980	89,327	98,260	0	0
1981	89,327	98,260	89,327	98,260
1982	89,327	98,260	178,655	196,520
1983	89,327	98,260	267,982	294,780
1984	89,327	98,260	357,309	393,040
1985	89,327	98,260	446,636	491,300
1986	89,327	98,260	535,964	589,560
1987	89,327	98,260	625,291	687,820
1988	89,327	98,260	714,618	786,080
1989	89,327	98,260	803,945	884,340
1990	89,327	98,260	893,273	982,600
1991	89,327	98,260	982,600	1,080,860
1992	89,327	98,260	1,071,927	1,179,120
1993	89,327	98,260	1,161,255	1,277,380
1994	89,327	98,260	1,250,582	1,375,640
1995	110,430	121,473	1,339,909	1,473,900
1996	110,373	121,410	1,450,339	1,595,373
1997	117,652	129,417	1,560,712	1,716,783
1998	103,806	114,187	1,678,364	1,846,200
1999	119,625	131,587	1,782,170	1,960,387
2000	121,116	133,228	1,901,795	2,091,974
2001	153,908	169,299	2,022,911	2,225,202
2002	182,659	200,925	2,176,819	2,394,501
2003	192,732	212,005	2,359,478	2,595,426
2004	200,343	220,377	2,552,210	2,807,431
2005	223,968	246,365	2,752,553	3,027,808
2006	227,532	250,285	2,976,521	3,274,173
2007	206,063	226,669	3,204,053	3,524,458
2008	160,926	177,019	3,410,115	3,751,127
2009	144,532	158,985	3,571,042	3,928,146
2010	143,632	157,995	3,715,574	4,087,131
2011	152,492	167,741	3,859,205	4,245,126
2012	150,378	165,416	4,011,697	4,412,867
2013	146,539	161,193	4,162,075	4,578,283
2014	256,102	281,712	4,308,615	4,739,476
2015	246,332	270,965	4,564,716	5,021,188
2016	263,765	290,142	4,811,048	5,292,153
2017	283,948	312,343	5,074,814	5,582,295
2018	299,265	329,191	5,358,762	5,894,638
2019	302,121	332,333	5,658,026	6,223,829

WASTE ACCEPTANCE RATES (Continued)

Year	Waste Accepted		Waste-In-Place	
	(Mg/year)	(short tons/year)	(Mg)	(short tons)
2020	305,005	335,506	5,960,147	6,556,162
2021	307,919	338,711	6,265,153	6,891,668
2022	310,862	341,948	6,573,072	7,230,379
2023	313,835	345,218	6,883,934	7,572,327
2024	316,836	348,520	7,197,768	7,917,545
2025	319,868	351,855	7,514,605	8,266,065
2026	322,931	355,224	7,834,473	8,617,920
2027	326,024	358,626	8,157,404	8,973,144
2028	329,147	362,062	8,483,427	9,331,770
2029	332,303	365,533	8,812,575	9,693,832
2030	335,489	369,038	9,144,877	10,059,365
2031	338,707	372,578	9,480,366	10,428,403
2032	341,958	376,154	9,819,074	10,800,981
2033	345,242	379,766	10,161,032	11,177,135
2034	348,557	383,413	10,506,274	11,556,901
2035	351,907	387,098	10,854,831	11,940,314
2036	355,290	390,819	11,206,738	12,327,412
2037	358,706	394,577	11,562,028	12,718,231
2038	362,156	398,372	11,920,735	13,112,808
2039	343,515	377,867	12,282,891	13,511,180
2040	0	0	12,626,406	13,889,047
2041	0	0	12,626,406	13,889,047
2042	0	0	12,626,406	13,889,047
2043	0	0	12,626,406	13,889,047
2044	0	0	12,626,406	13,889,047
2045	0	0	12,626,406	13,889,047
2046	0	0	12,626,406	13,889,047
2047	0	0	12,626,406	13,889,047
2048	0	0	12,626,406	13,889,047
2049	0	0	12,626,406	13,889,047
2050	0	0	12,626,406	13,889,047
2051	0	0	12,626,406	13,889,047
2052	0	0	12,626,406	13,889,047
2053	0	0	12,626,406	13,889,047
2054	0	0	12,626,406	13,889,047
2055	0	0	12,626,406	13,889,047
2056	0	0	12,626,406	13,889,047
2057	0	0	12,626,406	13,889,047
2058	0	0	12,626,406	13,889,047
2059	0	0	12,626,406	13,889,047

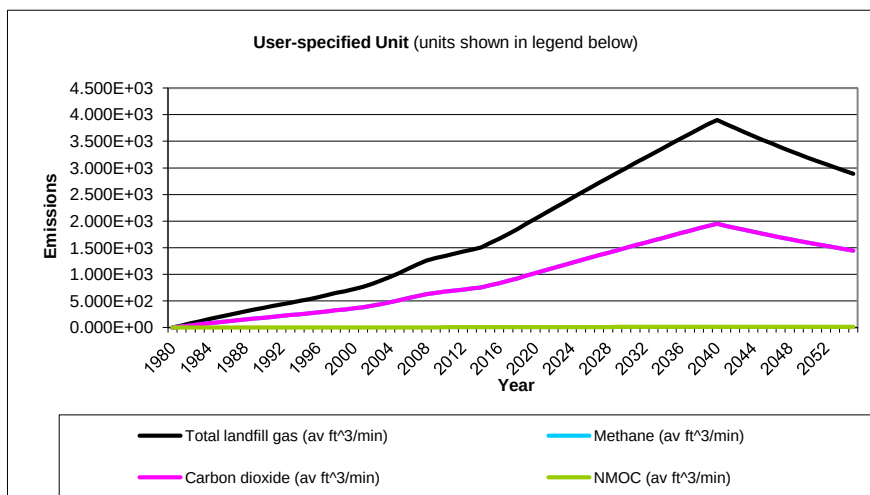
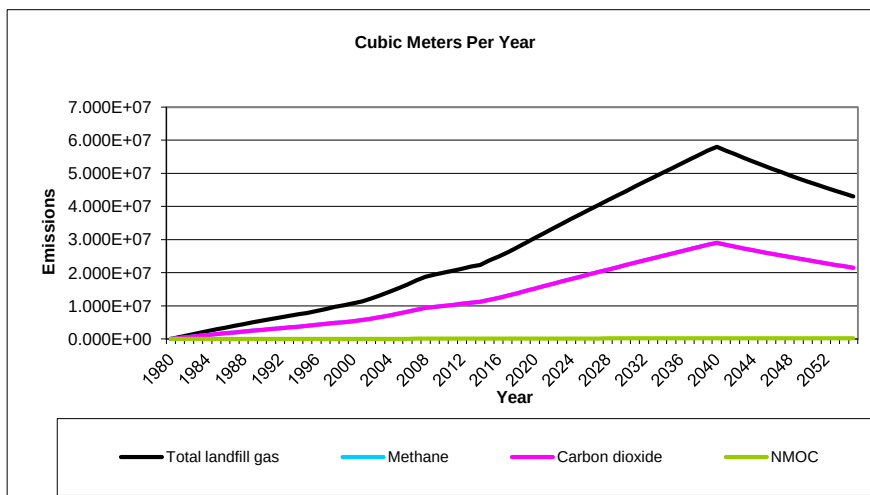
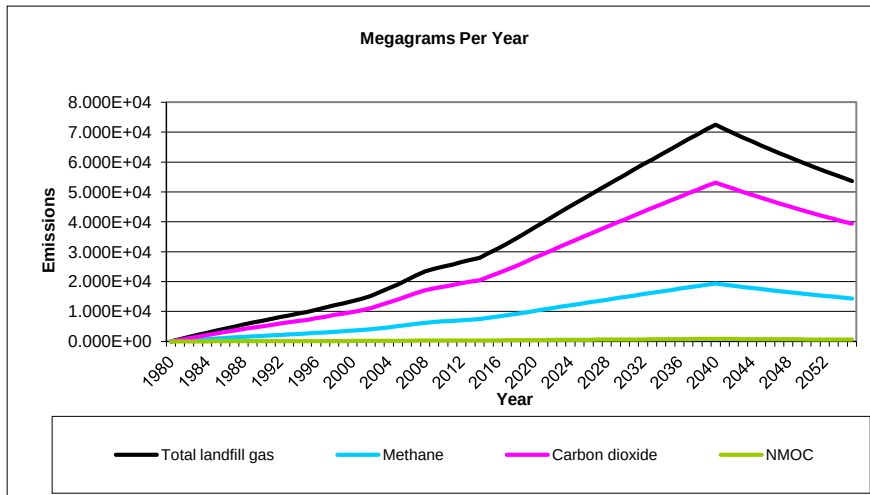
Pollutant Parameters

Gas / Pollutant Default Parameters:				User-specified Pollutant Parameters:	
	Compound	Concentration (ppmv)	Molecular Weight	Concentration (ppmv)	Molecular Weight
Gases	Total landfill gas	4,000	0.00		
	Methane		16.04		
	Carbon dioxide		44.01		
	NMOC		86.18		
Pollutants	1,1,1-Trichloroethane (methyl chloroform) - HAP	0.48	133.41		
	1,1,2,2-Tetrachloroethane - HAP/VOC	1.1	167.85		
	1,1-Dichloroethane (ethylidene dichloride) - HAP/VOC	2.4	98.97		
	1,1-Dichloroethene (vinylidene chloride) - HAP/VOC	0.20	96.94		
	1,2-Dichloroethane (ethylene dichloride) - HAP/VOC	0.41	98.96		
	1,2-Dichloropropane (propylene dichloride) - HAP/VOC	0.18	112.99		
	2-Propanol (isopropyl alcohol) - VOC	50	60.11		
	Acetone	7.0	58.08		
	Acrylonitrile - HAP/VOC	6.3	53.06		
	Benzene - No or Unknown Co-disposal - HAP/VOC	1.9	78.11		
	Benzene - Co-disposal - HAP/VOC	11	78.11		
	Bromodichloromethane - VOC	3.1	163.83		
	Butane - VOC	5.0	58.12		
	Carbon disulfide - HAP/VOC	0.58	76.13		
	Carbon monoxide	140	28.01		
	Carbon tetrachloride - HAP/VOC	4.0E-03	153.84		
	Carbonyl sulfide - HAP/VOC	0.49	60.07		
	Chlorobenzene - HAP/VOC	0.25	112.56		
	Chlorodifluoromethane	1.3	86.47		
	Chloroethane (ethyl chloride) - HAP/VOC	1.3	64.52		
	Chloroform - HAP/VOC	0.03	119.39		
	Chloromethane - VOC	1.2	50.49		
	Dichlorobenzene - (HAP for para isomer/VOC)	0.21	147		
	Dichlorodifluoromethane	16	120.91		
	Dichlorofluoromethane - VOC	2.6	102.92		
	Dichloromethane (methylene chloride) - HAP	14	84.94		
	Dimethyl sulfide (methyl sulfide) - VOC	7.8	62.13		
	Ethane	890	30.07		
	Ethanol - VOC	27	46.08		

Pollutant Parameters (Continued)

Gas / Pollutant Default Parameters:				User-specified Pollutant Parameters:	
	Compound	Concentration (ppmv)	Molecular Weight	Concentration (ppmv)	Molecular Weight
Pollutants	Ethyl mercaptan (ethanethiol) - VOC	2.3	62.13		
	Ethylbenzene - HAP/VOC	4.6	106.16		
	Ethylene dibromide - HAP/VOC	1.0E-03	187.88		
	Fluorotrichloromethane - VOC	0.76	137.38		
	Hexane - HAP/VOC	6.6	86.18		
	Hydrogen sulfide	36	34.08		
	Mercury (total) - HAP	2.9E-04	200.61		
	Methyl ethyl ketone - HAP/VOC	7.1	72.11		
	Methyl isobutyl ketone - HAP/VOC	1.9	100.16		
	Methyl mercaptan - VOC	2.5	48.11		
	Pentane - VOC	3.3	72.15		
	Perchloroethylene (tetrachloroethylene) - HAP	3.7	165.83		
	Propane - VOC	11	44.09		
	t-1,2-Dichloroethene - VOC	2.8	96.94		
	Toluene - No or Unknown Co-disposal - HAP/VOC	39	92.13		
	Toluene - Co-disposal - HAP/VOC	170	92.13		
	Trichloroethylene (trichloroethene) - HAP/VOC	2.8	131.40		
	Vinyl chloride - HAP/VOC	7.3	62.50		
	Xylenes - HAP/VOC	12	106.16		

Graphs



Results

Year	Total landfill gas			Methane		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
1980	0	0	0	0	0	0
1981	7.518E+02	6.020E+05	4.045E+01	2.008E+02	3.010E+05	2.022E+01
1982	1.489E+03	1.192E+06	8.009E+01	3.976E+02	5.960E+05	4.005E+01
1983	2.211E+03	1.770E+06	1.190E+02	5.906E+02	8.852E+05	5.948E+01
1984	2.919E+03	2.337E+06	1.570E+02	7.797E+02	1.169E+06	7.852E+01
1985	3.613E+03	2.893E+06	1.944E+02	9.651E+02	1.447E+06	9.719E+01
1986	4.293E+03	3.438E+06	2.310E+02	1.147E+03	1.719E+06	1.155E+02
1987	4.960E+03	3.972E+06	2.669E+02	1.325E+03	1.986E+06	1.334E+02
1988	5.614E+03	4.495E+06	3.020E+02	1.499E+03	2.248E+06	1.510E+02
1989	6.254E+03	5.008E+06	3.365E+02	1.671E+03	2.504E+06	1.682E+02
1990	6.882E+03	5.511E+06	3.703E+02	1.838E+03	2.755E+06	1.851E+02
1991	7.498E+03	6.004E+06	4.034E+02	2.003E+03	3.002E+06	2.017E+02
1992	8.101E+03	6.487E+06	4.359E+02	2.164E+03	3.243E+06	2.179E+02
1993	8.692E+03	6.960E+06	4.677E+02	2.322E+03	3.480E+06	2.338E+02
1994	9.272E+03	7.425E+06	4.989E+02	2.477E+03	3.712E+06	2.494E+02
1995	9.840E+03	7.880E+06	5.294E+02	2.628E+03	3.940E+06	2.647E+02
1996	1.057E+04	8.468E+06	5.689E+02	2.825E+03	4.234E+06	2.845E+02
1997	1.129E+04	9.044E+06	6.077E+02	3.017E+03	4.522E+06	3.038E+02
1998	1.206E+04	9.658E+06	6.489E+02	3.222E+03	4.829E+06	3.244E+02
1999	1.270E+04	1.017E+07	6.831E+02	3.391E+03	5.083E+06	3.415E+02
2000	1.345E+04	1.077E+07	7.237E+02	3.593E+03	5.385E+06	3.618E+02
2001	1.420E+04	1.137E+07	7.642E+02	3.794E+03	5.687E+06	3.821E+02
2002	1.522E+04	1.219E+07	8.188E+02	4.065E+03	6.093E+06	4.094E+02
2003	1.645E+04	1.318E+07	8.853E+02	4.395E+03	6.588E+06	4.426E+02
2004	1.775E+04	1.421E+07	9.550E+02	4.741E+03	7.107E+06	4.775E+02
2005	1.908E+04	1.528E+07	1.027E+03	5.098E+03	7.641E+06	5.134E+02
2006	2.059E+04	1.649E+07	1.108E+03	5.500E+03	8.244E+06	5.539E+02
2007	2.210E+04	1.770E+07	1.189E+03	5.903E+03	8.848E+06	5.945E+02
2008	2.340E+04	1.873E+07	1.259E+03	6.249E+03	9.367E+06	6.294E+02
2009	2.429E+04	1.945E+07	1.307E+03	6.487E+03	9.724E+06	6.533E+02
2010	2.502E+04	2.004E+07	1.346E+03	6.684E+03	1.002E+07	6.731E+02
2011	2.574E+04	2.061E+07	1.385E+03	6.874E+03	1.030E+07	6.923E+02
2012	2.651E+04	2.123E+07	1.426E+03	7.081E+03	1.061E+07	7.131E+02
2013	2.725E+04	2.182E+07	1.466E+03	7.279E+03	1.091E+07	7.331E+02
2014	2.794E+04	2.238E+07	1.503E+03	7.464E+03	1.119E+07	7.517E+02
2015	2.955E+04	2.366E+07	1.590E+03	7.892E+03	1.183E+07	7.948E+02
2016	3.103E+04	2.485E+07	1.670E+03	8.289E+03	1.243E+07	8.348E+02
2017	3.264E+04	2.614E+07	1.756E+03	8.718E+03	1.307E+07	8.780E+02
2018	3.438E+04	2.753E+07	1.850E+03	9.184E+03	1.377E+07	9.249E+02
2019	3.622E+04	2.900E+07	1.949E+03	9.675E+03	1.450E+07	9.744E+02
2020	3.805E+04	3.047E+07	2.047E+03	1.016E+04	1.523E+07	1.023E+03
2021	3.986E+04	3.192E+07	2.145E+03	1.065E+04	1.596E+07	1.072E+03
2022	4.166E+04	3.336E+07	2.242E+03	1.113E+04	1.668E+07	1.121E+03
2023	4.345E+04	3.480E+07	2.338E+03	1.161E+04	1.740E+07	1.169E+03
2024	4.523E+04	3.622E+07	2.434E+03	1.208E+04	1.811E+07	1.217E+03
2025	4.700E+04	3.764E+07	2.529E+03	1.256E+04	1.882E+07	1.264E+03
2026	4.877E+04	3.905E+07	2.624E+03	1.303E+04	1.952E+07	1.312E+03
2027	5.052E+04	4.045E+07	2.718E+03	1.349E+04	2.023E+07	1.359E+03
2028	5.226E+04	4.185E+07	2.812E+03	1.396E+04	2.092E+07	1.406E+03
2029	5.400E+04	4.324E+07	2.905E+03	1.442E+04	2.162E+07	1.453E+03

Results (Continued)

Year	Total landfill gas			Methane		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
2030	5.572E+04	4.462E+07	2.998E+03	1.488E+04	2.231E+07	1.499E+03
2031	5.744E+04	4.600E+07	3.091E+03	1.534E+04	2.300E+07	1.545E+03
2032	5.916E+04	4.737E+07	3.183E+03	1.580E+04	2.369E+07	1.591E+03
2033	6.086E+04	4.874E+07	3.275E+03	1.626E+04	2.437E+07	1.637E+03
2034	6.256E+04	5.010E+07	3.366E+03	1.671E+04	2.505E+07	1.683E+03
2035	6.426E+04	5.146E+07	3.457E+03	1.716E+04	2.573E+07	1.729E+03
2036	6.595E+04	5.281E+07	3.548E+03	1.762E+04	2.640E+07	1.774E+03
2037	6.763E+04	5.416E+07	3.639E+03	1.807E+04	2.708E+07	1.819E+03
2038	6.931E+04	5.550E+07	3.729E+03	1.851E+04	2.775E+07	1.865E+03
2039	7.099E+04	5.684E+07	3.819E+03	1.896E+04	2.842E+07	1.910E+03
2040	7.247E+04	5.803E+07	3.899E+03	1.936E+04	2.902E+07	1.950E+03
2041	7.104E+04	5.688E+07	3.822E+03	1.898E+04	2.844E+07	1.911E+03
2042	6.963E+04	5.576E+07	3.746E+03	1.860E+04	2.788E+07	1.873E+03
2043	6.825E+04	5.465E+07	3.672E+03	1.823E+04	2.733E+07	1.836E+03
2044	6.690E+04	5.357E+07	3.599E+03	1.787E+04	2.679E+07	1.800E+03
2045	6.558E+04	5.251E+07	3.528E+03	1.752E+04	2.626E+07	1.764E+03
2046	6.428E+04	5.147E+07	3.458E+03	1.717E+04	2.574E+07	1.729E+03
2047	6.301E+04	5.045E+07	3.390E+03	1.683E+04	2.523E+07	1.695E+03
2048	6.176E+04	4.945E+07	3.323E+03	1.650E+04	2.473E+07	1.661E+03
2049	6.053E+04	4.847E+07	3.257E+03	1.617E+04	2.424E+07	1.628E+03
2050	5.934E+04	4.751E+07	3.192E+03	1.585E+04	2.376E+07	1.596E+03
2051	5.816E+04	4.657E+07	3.129E+03	1.554E+04	2.329E+07	1.565E+03
2052	5.701E+04	4.565E+07	3.067E+03	1.523E+04	2.283E+07	1.534E+03
2053	5.588E+04	4.475E+07	3.007E+03	1.493E+04	2.237E+07	1.503E+03
2054	5.477E+04	4.386E+07	2.947E+03	1.463E+04	2.193E+07	1.473E+03
2055	5.369E+04	4.299E+07	2.889E+03	1.434E+04	2.150E+07	1.444E+03
2056	5.263E+04	4.214E+07	2.831E+03	1.406E+04	2.107E+07	1.416E+03
2057	5.158E+04	4.131E+07	2.775E+03	1.378E+04	2.065E+07	1.388E+03
2058	5.056E+04	4.049E+07	2.720E+03	1.351E+04	2.024E+07	1.360E+03
2059	4.956E+04	3.969E+07	2.667E+03	1.324E+04	1.984E+07	1.333E+03
2060	4.858E+04	3.890E+07	2.614E+03	1.298E+04	1.945E+07	1.307E+03
2061	4.762E+04	3.813E+07	2.562E+03	1.272E+04	1.907E+07	1.281E+03
2062	4.668E+04	3.738E+07	2.511E+03	1.247E+04	1.869E+07	1.256E+03
2063	4.575E+04	3.664E+07	2.462E+03	1.222E+04	1.832E+07	1.231E+03
2064	4.485E+04	3.591E+07	2.413E+03	1.198E+04	1.795E+07	1.206E+03
2065	4.396E+04	3.520E+07	2.365E+03	1.174E+04	1.760E+07	1.183E+03
2066	4.309E+04	3.450E+07	2.318E+03	1.151E+04	1.725E+07	1.159E+03
2067	4.223E+04	3.382E+07	2.272E+03	1.128E+04	1.691E+07	1.136E+03
2068	4.140E+04	3.315E+07	2.227E+03	1.106E+04	1.657E+07	1.114E+03
2069	4.058E+04	3.249E+07	2.183E+03	1.084E+04	1.625E+07	1.092E+03
2070	3.977E+04	3.185E+07	2.140E+03	1.062E+04	1.592E+07	1.070E+03
2071	3.899E+04	3.122E+07	2.098E+03	1.041E+04	1.561E+07	1.049E+03
2072	3.821E+04	3.060E+07	2.056E+03	1.021E+04	1.530E+07	1.028E+03
2073	3.746E+04	2.999E+07	2.015E+03	1.001E+04	1.500E+07	1.008E+03
2074	3.672E+04	2.940E+07	1.975E+03	9.807E+03	1.470E+07	9.877E+02
2075	3.599E+04	2.882E+07	1.936E+03	9.613E+03	1.441E+07	9.682E+02
2076	3.528E+04	2.825E+07	1.898E+03	9.423E+03	1.412E+07	9.490E+02
2077	3.458E+04	2.769E+07	1.860E+03	9.236E+03	1.384E+07	9.302E+02
2078	3.389E+04	2.714E+07	1.824E+03	9.053E+03	1.357E+07	9.118E+02
2079	3.322E+04	2.660E+07	1.787E+03	8.874E+03	1.330E+07	8.937E+02
2080	3.256E+04	2.608E+07	1.752E+03	8.698E+03	1.304E+07	8.760E+02

Results (Continued)

Year	Total landfill gas			Methane		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
2081	3.192E+04	2.556E+07	1.717E+03	8.526E+03	1.278E+07	8.587E+02
2082	3.129E+04	2.505E+07	1.683E+03	8.357E+03	1.253E+07	8.417E+02
2083	3.067E+04	2.456E+07	1.650E+03	8.192E+03	1.228E+07	8.250E+02
2084	3.006E+04	2.407E+07	1.617E+03	8.030E+03	1.204E+07	8.087E+02
2085	2.947E+04	2.359E+07	1.585E+03	7.871E+03	1.180E+07	7.927E+02
2086	2.888E+04	2.313E+07	1.554E+03	7.715E+03	1.156E+07	7.770E+02
2087	2.831E+04	2.267E+07	1.523E+03	7.562E+03	1.133E+07	7.616E+02
2088	2.775E+04	2.222E+07	1.493E+03	7.412E+03	1.111E+07	7.465E+02
2089	2.720E+04	2.178E+07	1.463E+03	7.265E+03	1.089E+07	7.317E+02
2090	2.666E+04	2.135E+07	1.434E+03	7.122E+03	1.067E+07	7.172E+02
2091	2.613E+04	2.093E+07	1.406E+03	6.981E+03	1.046E+07	7.030E+02
2092	2.562E+04	2.051E+07	1.378E+03	6.842E+03	1.026E+07	6.891E+02
2093	2.511E+04	2.011E+07	1.351E+03	6.707E+03	1.005E+07	6.755E+02
2094	2.461E+04	1.971E+07	1.324E+03	6.574E+03	9.854E+06	6.621E+02
2095	2.412E+04	1.932E+07	1.298E+03	6.444E+03	9.659E+06	6.490E+02
2096	2.365E+04	1.894E+07	1.272E+03	6.316E+03	9.468E+06	6.361E+02
2097	2.318E+04	1.856E+07	1.247E+03	6.191E+03	9.280E+06	6.235E+02
2098	2.272E+04	1.819E+07	1.222E+03	6.069E+03	9.096E+06	6.112E+02
2099	2.227E+04	1.783E+07	1.198E+03	5.948E+03	8.916E+06	5.991E+02
2100	2.183E+04	1.748E+07	1.174E+03	5.831E+03	8.740E+06	5.872E+02
2101	2.140E+04	1.713E+07	1.151E+03	5.715E+03	8.567E+06	5.756E+02
2102	2.097E+04	1.679E+07	1.128E+03	5.602E+03	8.397E+06	5.642E+02
2103	2.056E+04	1.646E+07	1.106E+03	5.491E+03	8.231E+06	5.530E+02
2104	2.015E+04	1.614E+07	1.084E+03	5.382E+03	8.068E+06	5.421E+02
2105	1.975E+04	1.582E+07	1.063E+03	5.276E+03	7.908E+06	5.313E+02
2106	1.936E+04	1.550E+07	1.042E+03	5.171E+03	7.751E+06	5.208E+02
2107	1.898E+04	1.520E+07	1.021E+03	5.069E+03	7.598E+06	5.105E+02
2108	1.860E+04	1.489E+07	1.001E+03	4.969E+03	7.447E+06	5.004E+02
2109	1.823E+04	1.460E+07	9.810E+02	4.870E+03	7.300E+06	4.905E+02
2110	1.787E+04	1.431E+07	9.615E+02	4.774E+03	7.155E+06	4.808E+02
2111	1.752E+04	1.403E+07	9.425E+02	4.679E+03	7.014E+06	4.712E+02
2112	1.717E+04	1.375E+07	9.238E+02	4.587E+03	6.875E+06	4.619E+02
2113	1.683E+04	1.348E+07	9.055E+02	4.496E+03	6.739E+06	4.528E+02
2114	1.650E+04	1.321E+07	8.876E+02	4.407E+03	6.605E+06	4.438E+02
2115	1.617E+04	1.295E+07	8.700E+02	4.319E+03	6.474E+06	4.350E+02
2116	1.585E+04	1.269E+07	8.528E+02	4.234E+03	6.346E+06	4.264E+02
2117	1.554E+04	1.244E+07	8.359E+02	4.150E+03	6.221E+06	4.180E+02
2118	1.523E+04	1.219E+07	8.194E+02	4.068E+03	6.097E+06	4.097E+02
2119	1.493E+04	1.195E+07	8.031E+02	3.987E+03	5.977E+06	4.016E+02
2120	1.463E+04	1.172E+07	7.872E+02	3.908E+03	5.858E+06	3.936E+02

Results (Continued)

Year	Carbon dioxide			NMOC		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
1980	0	0	0	0	0	0
1981	5.510E+02	3.010E+05	2.022E+01	8.631E+00	2.408E+03	1.618E-01
1982	1.091E+03	5.960E+05	4.005E+01	1.709E+01	4.768E+03	3.204E-01
1983	1.620E+03	8.852E+05	5.948E+01	2.538E+01	7.082E+03	4.758E-01
1984	2.139E+03	1.169E+06	7.852E+01	3.351E+01	9.350E+03	6.282E-01
1985	2.648E+03	1.447E+06	9.719E+01	4.148E+01	1.157E+04	7.775E-01
1986	3.146E+03	1.719E+06	1.155E+02	4.929E+01	1.375E+04	9.239E-01
1987	3.635E+03	1.986E+06	1.334E+02	5.695E+01	1.589E+04	1.067E+00
1988	4.114E+03	2.248E+06	1.510E+02	6.445E+01	1.798E+04	1.208E+00
1989	4.584E+03	2.504E+06	1.682E+02	7.180E+01	2.003E+04	1.346E+00
1990	5.044E+03	2.755E+06	1.851E+02	7.901E+01	2.204E+04	1.481E+00
1991	5.495E+03	3.002E+06	2.017E+02	8.608E+01	2.402E+04	1.614E+00
1992	5.937E+03	3.243E+06	2.179E+02	9.301E+01	2.595E+04	1.743E+00
1993	6.371E+03	3.480E+06	2.338E+02	9.980E+01	2.784E+04	1.871E+00
1994	6.795E+03	3.712E+06	2.494E+02	1.065E+02	2.970E+04	1.995E+00
1995	7.212E+03	3.940E+06	2.647E+02	1.130E+02	3.152E+04	2.118E+00
1996	7.750E+03	4.234E+06	2.845E+02	1.214E+02	3.387E+04	2.276E+00
1997	8.277E+03	4.522E+06	3.038E+02	1.297E+02	3.618E+04	2.431E+00
1998	8.839E+03	4.829E+06	3.244E+02	1.385E+02	3.863E+04	2.596E+00
1999	9.304E+03	5.083E+06	3.415E+02	1.458E+02	4.066E+04	2.732E+00
2000	9.858E+03	5.385E+06	3.618E+02	1.544E+02	4.308E+04	2.895E+00
2001	1.041E+04	5.687E+06	3.821E+02	1.631E+02	4.550E+04	3.057E+00
2002	1.115E+04	6.093E+06	4.094E+02	1.747E+02	4.874E+04	3.275E+00
2003	1.206E+04	6.588E+06	4.426E+02	1.889E+02	5.270E+04	3.541E+00
2004	1.301E+04	7.107E+06	4.775E+02	2.038E+02	5.685E+04	3.820E+00
2005	1.399E+04	7.641E+06	5.134E+02	2.191E+02	6.113E+04	4.107E+00
2006	1.509E+04	8.244E+06	5.539E+02	2.364E+02	6.596E+04	4.432E+00
2007	1.620E+04	8.848E+06	5.945E+02	2.537E+02	7.078E+04	4.756E+00
2008	1.715E+04	9.367E+06	6.294E+02	2.686E+02	7.494E+04	5.035E+00
2009	1.780E+04	9.724E+06	6.533E+02	2.788E+02	7.779E+04	5.227E+00
2010	1.834E+04	1.002E+07	6.731E+02	2.873E+02	8.015E+04	5.385E+00
2011	1.886E+04	1.030E+07	6.923E+02	2.955E+02	8.243E+04	5.539E+00
2012	1.943E+04	1.061E+07	7.131E+02	3.044E+02	8.491E+04	5.705E+00
2013	1.997E+04	1.091E+07	7.331E+02	3.129E+02	8.728E+04	5.864E+00
2014	2.048E+04	1.119E+07	7.517E+02	3.208E+02	8.950E+04	6.014E+00
2015	2.165E+04	1.183E+07	7.948E+02	3.392E+02	9.464E+04	6.359E+00
2016	2.274E+04	1.243E+07	8.348E+02	3.563E+02	9.940E+04	6.679E+00
2017	2.392E+04	1.307E+07	8.780E+02	3.747E+02	1.045E+05	7.024E+00
2018	2.520E+04	1.377E+07	9.249E+02	3.947E+02	1.101E+05	7.399E+00
2019	2.655E+04	1.450E+07	9.744E+02	4.158E+02	1.160E+05	7.795E+00
2020	2.788E+04	1.523E+07	1.023E+03	4.368E+02	1.219E+05	8.188E+00
2021	2.921E+04	1.596E+07	1.072E+03	4.576E+02	1.277E+05	8.578E+00
2022	3.053E+04	1.668E+07	1.121E+03	4.783E+02	1.334E+05	8.966E+00
2023	3.185E+04	1.740E+07	1.169E+03	4.989E+02	1.392E+05	9.352E+00
2024	3.315E+04	1.811E+07	1.217E+03	5.193E+02	1.449E+05	9.735E+00
2025	3.445E+04	1.882E+07	1.264E+03	5.397E+02	1.506E+05	1.012E+01
2026	3.574E+04	1.952E+07	1.312E+03	5.599E+02	1.562E+05	1.049E+01
2027	3.702E+04	2.023E+07	1.359E+03	5.800E+02	1.618E+05	1.087E+01
2028	3.830E+04	2.092E+07	1.406E+03	6.000E+02	1.674E+05	1.125E+01
2029	3.957E+04	2.162E+07	1.453E+03	6.199E+02	1.730E+05	1.162E+01

Results (Continued)

Year	Carbon dioxide			NMOC		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
2030	4.084E+04	2.231E+07	1.499E+03	6.398E+02	1.785E+05	1.199E+01
2031	4.210E+04	2.300E+07	1.545E+03	6.595E+02	1.840E+05	1.236E+01
2032	4.336E+04	2.369E+07	1.591E+03	6.792E+02	1.895E+05	1.273E+01
2033	4.461E+04	2.437E+07	1.637E+03	6.988E+02	1.949E+05	1.310E+01
2034	4.585E+04	2.505E+07	1.683E+03	7.183E+02	2.004E+05	1.346E+01
2035	4.709E+04	2.573E+07	1.729E+03	7.378E+02	2.058E+05	1.383E+01
2036	4.833E+04	2.640E+07	1.774E+03	7.572E+02	2.112E+05	1.419E+01
2037	4.957E+04	2.708E+07	1.819E+03	7.765E+02	2.166E+05	1.456E+01
2038	5.080E+04	2.775E+07	1.865E+03	7.958E+02	2.220E+05	1.492E+01
2039	5.203E+04	2.842E+07	1.910E+03	8.150E+02	2.274E+05	1.528E+01
2040	5.311E+04	2.902E+07	1.950E+03	8.321E+02	2.321E+05	1.560E+01
2041	5.206E+04	2.844E+07	1.911E+03	8.156E+02	2.275E+05	1.529E+01
2042	5.103E+04	2.788E+07	1.873E+03	7.994E+02	2.230E+05	1.499E+01
2043	5.002E+04	2.733E+07	1.836E+03	7.836E+02	2.186E+05	1.469E+01
2044	4.903E+04	2.679E+07	1.800E+03	7.681E+02	2.143E+05	1.440E+01
2045	4.806E+04	2.626E+07	1.764E+03	7.529E+02	2.100E+05	1.411E+01
2046	4.711E+04	2.574E+07	1.729E+03	7.380E+02	2.059E+05	1.383E+01
2047	4.618E+04	2.523E+07	1.695E+03	7.234E+02	2.018E+05	1.356E+01
2048	4.526E+04	2.473E+07	1.661E+03	7.090E+02	1.978E+05	1.329E+01
2049	4.437E+04	2.424E+07	1.628E+03	6.950E+02	1.939E+05	1.303E+01
2050	4.349E+04	2.376E+07	1.596E+03	6.812E+02	1.901E+05	1.277E+01
2051	4.263E+04	2.329E+07	1.565E+03	6.678E+02	1.863E+05	1.252E+01
2052	4.178E+04	2.283E+07	1.534E+03	6.545E+02	1.826E+05	1.227E+01
2053	4.095E+04	2.237E+07	1.503E+03	6.416E+02	1.790E+05	1.203E+01
2054	4.014E+04	2.193E+07	1.473E+03	6.289E+02	1.754E+05	1.179E+01
2055	3.935E+04	2.150E+07	1.444E+03	6.164E+02	1.720E+05	1.155E+01
2056	3.857E+04	2.107E+07	1.416E+03	6.042E+02	1.686E+05	1.133E+01
2057	3.781E+04	2.065E+07	1.388E+03	5.922E+02	1.652E+05	1.110E+01
2058	3.706E+04	2.024E+07	1.360E+03	5.805E+02	1.620E+05	1.088E+01
2059	3.632E+04	1.984E+07	1.333E+03	5.690E+02	1.587E+05	1.067E+01
2060	3.560E+04	1.945E+07	1.307E+03	5.578E+02	1.556E+05	1.045E+01
2061	3.490E+04	1.907E+07	1.281E+03	5.467E+02	1.525E+05	1.025E+01
2062	3.421E+04	1.869E+07	1.256E+03	5.359E+02	1.495E+05	1.004E+01
2063	3.353E+04	1.832E+07	1.231E+03	5.253E+02	1.465E+05	9.846E+00
2064	3.287E+04	1.795E+07	1.206E+03	5.149E+02	1.436E+05	9.651E+00
2065	3.222E+04	1.760E+07	1.183E+03	5.047E+02	1.408E+05	9.460E+00
2066	3.158E+04	1.725E+07	1.159E+03	4.947E+02	1.380E+05	9.273E+00
2067	3.095E+04	1.691E+07	1.136E+03	4.849E+02	1.353E+05	9.089E+00
2068	3.034E+04	1.657E+07	1.114E+03	4.753E+02	1.326E+05	8.909E+00
2069	2.974E+04	1.625E+07	1.092E+03	4.659E+02	1.300E+05	8.733E+00
2070	2.915E+04	1.592E+07	1.070E+03	4.566E+02	1.274E+05	8.560E+00
2071	2.857E+04	1.561E+07	1.049E+03	4.476E+02	1.249E+05	8.390E+00
2072	2.801E+04	1.530E+07	1.028E+03	4.387E+02	1.224E+05	8.224E+00
2073	2.745E+04	1.500E+07	1.008E+03	4.301E+02	1.200E+05	8.061E+00
2074	2.691E+04	1.470E+07	9.877E+02	4.215E+02	1.176E+05	7.902E+00
2075	2.638E+04	1.441E+07	9.682E+02	4.132E+02	1.153E+05	7.745E+00
2076	2.585E+04	1.412E+07	9.490E+02	4.050E+02	1.130E+05	7.592E+00
2077	2.534E+04	1.384E+07	9.302E+02	3.970E+02	1.108E+05	7.442E+00
2078	2.484E+04	1.357E+07	9.118E+02	3.891E+02	1.086E+05	7.294E+00
2079	2.435E+04	1.330E+07	8.937E+02	3.814E+02	1.064E+05	7.150E+00
2080	2.387E+04	1.304E+07	8.760E+02	3.739E+02	1.043E+05	7.008E+00

Results (Continued)

Year	Carbon dioxide			NMOC		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
2081	2.339E+04	1.278E+07	8.587E+02	3.665E+02	1.022E+05	6.869E+00
2082	2.293E+04	1.253E+07	8.417E+02	3.592E+02	1.002E+05	6.733E+00
2083	2.248E+04	1.228E+07	8.250E+02	3.521E+02	9.823E+04	6.600E+00
2084	2.203E+04	1.204E+07	8.087E+02	3.451E+02	9.628E+04	6.469E+00
2085	2.159E+04	1.180E+07	7.927E+02	3.383E+02	9.438E+04	6.341E+00
2086	2.117E+04	1.156E+07	7.770E+02	3.316E+02	9.251E+04	6.216E+00
2087	2.075E+04	1.133E+07	7.616E+02	3.250E+02	9.068E+04	6.093E+00
2088	2.034E+04	1.111E+07	7.465E+02	3.186E+02	8.888E+04	5.972E+00
2089	1.993E+04	1.089E+07	7.317E+02	3.123E+02	8.712E+04	5.854E+00
2090	1.954E+04	1.067E+07	7.172E+02	3.061E+02	8.540E+04	5.738E+00
2091	1.915E+04	1.046E+07	7.030E+02	3.000E+02	8.371E+04	5.624E+00
2092	1.877E+04	1.026E+07	6.891E+02	2.941E+02	8.205E+04	5.513E+00
2093	1.840E+04	1.005E+07	6.755E+02	2.883E+02	8.042E+04	5.404E+00
2094	1.804E+04	9.854E+06	6.621E+02	2.826E+02	7.883E+04	5.297E+00
2095	1.768E+04	9.659E+06	6.490E+02	2.770E+02	7.727E+04	5.192E+00
2096	1.733E+04	9.468E+06	6.361E+02	2.715E+02	7.574E+04	5.089E+00
2097	1.699E+04	9.280E+06	6.235E+02	2.661E+02	7.424E+04	4.988E+00
2098	1.665E+04	9.096E+06	6.112E+02	2.608E+02	7.277E+04	4.889E+00
2099	1.632E+04	8.916E+06	5.991E+02	2.557E+02	7.133E+04	4.793E+00
2100	1.600E+04	8.740E+06	5.872E+02	2.506E+02	6.992E+04	4.698E+00
2101	1.568E+04	8.567E+06	5.756E+02	2.457E+02	6.853E+04	4.605E+00
2102	1.537E+04	8.397E+06	5.642E+02	2.408E+02	6.718E+04	4.514E+00
2103	1.507E+04	8.231E+06	5.530E+02	2.360E+02	6.585E+04	4.424E+00
2104	1.477E+04	8.068E+06	5.421E+02	2.313E+02	6.454E+04	4.337E+00
2105	1.448E+04	7.908E+06	5.313E+02	2.268E+02	6.326E+04	4.251E+00
2106	1.419E+04	7.751E+06	5.208E+02	2.223E+02	6.201E+04	4.166E+00
2107	1.391E+04	7.598E+06	5.105E+02	2.179E+02	6.078E+04	4.084E+00
2108	1.363E+04	7.447E+06	5.004E+02	2.136E+02	5.958E+04	4.003E+00
2109	1.336E+04	7.300E+06	4.905E+02	2.093E+02	5.840E+04	3.924E+00
2110	1.310E+04	7.155E+06	4.808E+02	2.052E+02	5.724E+04	3.846E+00
2111	1.284E+04	7.014E+06	4.712E+02	2.011E+02	5.611E+04	3.770E+00
2112	1.258E+04	6.875E+06	4.619E+02	1.971E+02	5.500E+04	3.695E+00
2113	1.234E+04	6.739E+06	4.528E+02	1.932E+02	5.391E+04	3.622E+00
2114	1.209E+04	6.605E+06	4.438E+02	1.894E+02	5.284E+04	3.550E+00
2115	1.185E+04	6.474E+06	4.350E+02	1.857E+02	5.180E+04	3.480E+00
2116	1.162E+04	6.346E+06	4.264E+02	1.820E+02	5.077E+04	3.411E+00
2117	1.139E+04	6.221E+06	4.180E+02	1.784E+02	4.976E+04	3.344E+00
2118	1.116E+04	6.097E+06	4.097E+02	1.748E+02	4.878E+04	3.277E+00
2119	1.094E+04	5.977E+06	4.016E+02	1.714E+02	4.781E+04	3.213E+00
2120	1.072E+04	5.858E+06	3.936E+02	1.680E+02	4.687E+04	3.149E+00



Summary Report

Landfill Name or Identifier: San Timoteo LF Pre-Expansion

Date: Tuesday, May 22, 2018

Description/Comments:

San Timoteo Landfill Pre-Expansion LFG Generation.

About LandGEM:

First-Order Decomposition Rate Equation:

$$Q_{CH_4} = \sum_{i=1}^n \sum_{j=0.1}^1 k L_o \left(\frac{M_i}{10} \right) e^{-k t_{ij}}$$

Where,

Q_{CH_4} = annual methane generation in the year of the calculation ($m^3/year$)

i = 1-year time increment

n = (year of the calculation) - (initial year of waste acceptance)

j = 0.1-year time increment

k = methane generation rate ($year^{-1}$)

L_o = potential methane generation capacity (m^3/Ma)

M_i = mass of waste accepted in the i^{th} year (Ma)

t_{ij} = age of the j^{th} section of waste mass M_i accepted in the i^{th} year
(decimal years e.g. 3.2 years)

LandGEM is based on a first-order decomposition rate equation for quantifying emissions from the decomposition of landfilled waste in municipal solid waste (MSW) landfills. The software provides a relatively simple approach to estimating landfill gas emissions. Model defaults are based on empirical data from U.S. landfills. Field test data can also be used in place of model defaults when available. Further guidance on EPA test methods, Clean Air Act (CAA) regulations, and other guidance regarding landfill gas emissions and control technology requirements can be found at <http://www.epa.gov/ttnatw01/landfill/landflpg.html>.

LandGEM is considered a screening tool — the better the input data, the better the estimates. Often, there are limitations with the available data regarding waste quantity and composition, variation in design and operating practices over time, and changes occurring over time that impact the emissions potential. Changes to landfill operation, such as operating under wet conditions through leachate recirculation or other liquid additions, will result in generating more gas at a faster rate. Defaults for estimating emissions for this type of operation are being developed to include in LandGEM along with defaults for conventional landfills (no leachate or liquid additions) for developing emission inventories and determining CAA applicability. Refer to the Web site identified above for future updates.

Input Review

LANDFILL CHARACTERISTICS

Landfill Open Year	1980	
Landfill Closure Year (with 80-year limit)	2039	
Actual Closure Year (without limit)	2039	
Have Model Calculate Closure Year?	No	
Waste Design Capacity		<i>short tons</i>

MODEL PARAMETERS

Methane Generation Rate, k	0.020	<i>year⁻¹</i>
Potential Methane Generation Capacity, L ₀	170	<i>m³/Mg</i>
NMOC Concentration	4,000	<i>ppmv as hexane</i>
Methane Content	50	<i>% by volume</i>

GASES / POLLUTANTS SELECTED

Gas / Pollutant #1:	Total landfill gas
Gas / Pollutant #2:	Methane
Gas / Pollutant #3:	Carbon dioxide
Gas / Pollutant #4:	NMOC

WASTE ACCEPTANCE RATES

Year	Waste Accepted		Waste-In-Place	
	(Mg/year)	(short tons/year)	(Mg)	(short tons)
1980	89,327	98,260	0	0
1981	89,327	98,260	89,327	98,260
1982	89,327	98,260	178,655	196,520
1983	89,327	98,260	267,982	294,780
1984	89,327	98,260	357,309	393,040
1985	89,327	98,260	446,636	491,300
1986	89,327	98,260	535,964	589,560
1987	89,327	98,260	625,291	687,820
1988	89,327	98,260	714,618	786,080
1989	89,327	98,260	803,945	884,340
1990	89,327	98,260	893,273	982,600
1991	89,327	98,260	982,600	1,080,860
1992	89,327	98,260	1,071,927	1,179,120
1993	89,327	98,260	1,161,255	1,277,380
1994	89,327	98,260	1,250,582	1,375,640
1995	110,430	121,473	1,339,909	1,473,900
1996	110,373	121,410	1,450,339	1,595,373
1997	117,652	129,417	1,560,712	1,716,783
1998	103,806	114,187	1,678,364	1,846,200
1999	119,625	131,587	1,782,170	1,960,387
2000	121,116	133,228	1,901,795	2,091,974
2001	153,908	169,299	2,022,911	2,225,202
2002	182,659	200,925	2,176,819	2,394,501
2003	192,732	212,005	2,359,478	2,595,426
2004	200,343	220,377	2,552,210	2,807,431
2005	223,968	246,365	2,752,553	3,027,808
2006	227,532	250,285	2,976,521	3,274,173
2007	206,063	226,669	3,204,053	3,524,458
2008	160,926	177,019	3,410,115	3,751,127
2009	144,532	158,985	3,571,042	3,928,146
2010	143,632	157,995	3,715,574	4,087,131
2011	152,492	167,741	3,859,205	4,245,126
2012	150,378	165,416	4,011,697	4,412,867
2013	146,539	161,193	4,162,075	4,578,283
2014	256,102	281,712	4,308,615	4,739,476
2015	246,332	270,965	4,564,716	5,021,188
2016	263,765	290,142	4,811,048	5,292,153
2017	283,948	312,343	5,074,814	5,582,295
2018	285,628	314,191	5,358,762	5,894,638
2019	288,484	317,333	5,644,390	6,208,829

WASTE ACCEPTANCE RATES (Continued)

Year	Waste Accepted		Waste-In-Place	
	(Mg/year)	(short tons/year)	(Mg)	(short tons)
2020	291,369	320,506	5,932,874	6,526,162
2021	294,283	323,711	6,224,243	6,846,668
2022	297,226	326,948	6,518,526	7,170,379
2023	300,198	330,218	6,815,752	7,497,327
2024	303,200	333,520	7,115,950	7,827,545
2025	306,232	336,855	7,419,149	8,161,064
2026	309,294	340,224	7,725,381	8,497,919
2027	312,387	343,626	8,034,676	8,838,143
2028	315,511	347,062	8,347,063	9,181,769
2029	318,666	350,533	8,662,574	9,528,831
2030	321,853	354,038	8,981,240	9,879,364
2031	325,071	357,578	9,303,093	10,233,402
2032	328,322	361,154	9,628,164	10,590,980
2033	331,605	364,766	9,956,486	10,952,134
2034	334,921	368,413	10,288,091	11,316,900
2035	338,271	372,098	10,623,012	11,685,314
2036	341,653	375,819	10,961,283	12,057,411
2037	345,070	379,577	11,302,936	12,433,230
2038	348,520	383,372	11,648,006	12,812,806
2039	66,937	73,631	11,996,526	13,196,179
2040	0	0	12,063,464	13,269,810
2041	0	0	12,063,464	13,269,810
2042	0	0	12,063,464	13,269,810
2043	0	0	12,063,464	13,269,810
2044	0	0	12,063,464	13,269,810
2045	0	0	12,063,464	13,269,810
2046	0	0	12,063,464	13,269,810
2047	0	0	12,063,464	13,269,810
2048	0	0	12,063,464	13,269,810
2049	0	0	12,063,464	13,269,810
2050	0	0	12,063,464	13,269,810
2051	0	0	12,063,464	13,269,810
2052	0	0	12,063,464	13,269,810
2053	0	0	12,063,464	13,269,810
2054	0	0	12,063,464	13,269,810
2055	0	0	12,063,464	13,269,810
2056	0	0	12,063,464	13,269,810
2057	0	0	12,063,464	13,269,810
2058	0	0	12,063,464	13,269,810
2059	0	0	12,063,464	13,269,810

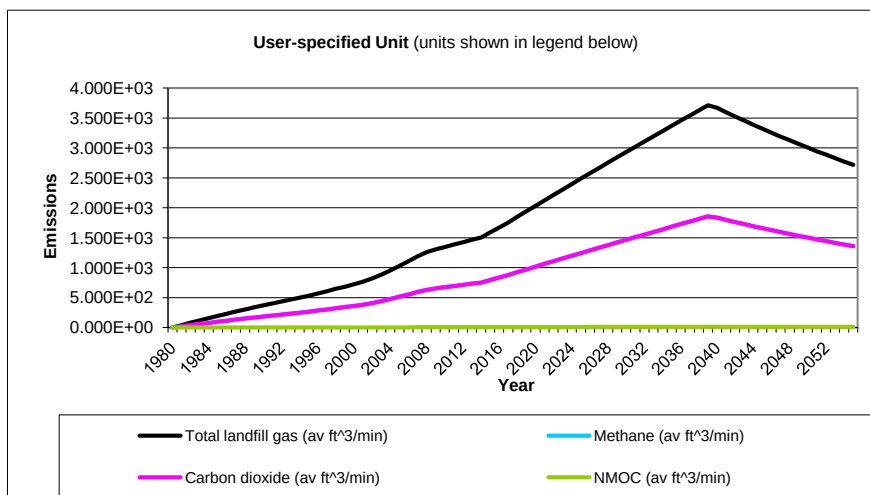
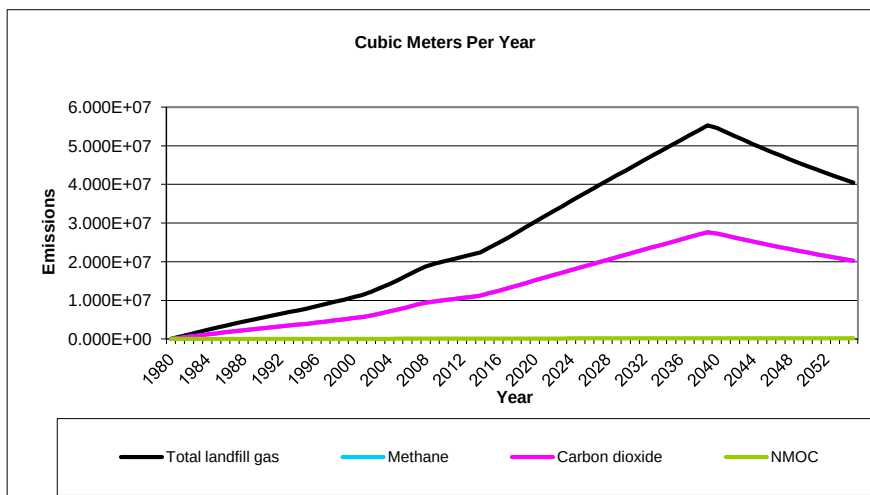
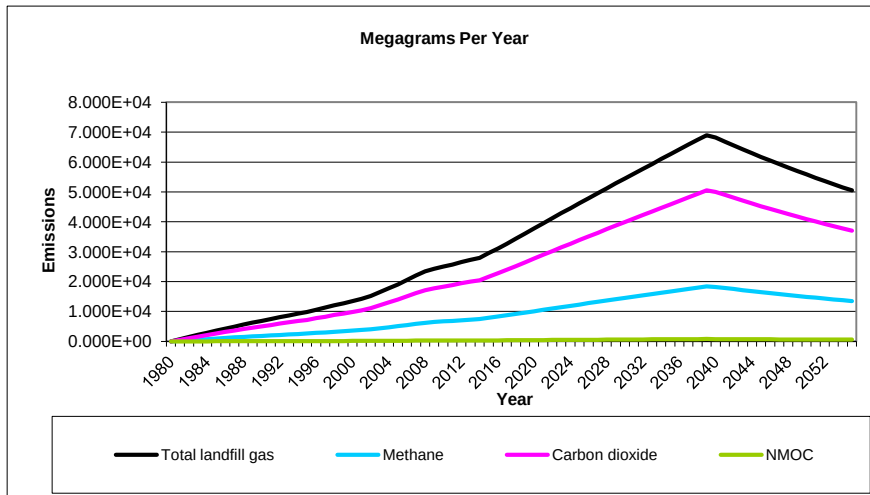
Pollutant Parameters

Gas / Pollutant Default Parameters:				User-specified Pollutant Parameters:	
	Compound	Concentration (ppmv)	Molecular Weight	Concentration (ppmv)	Molecular Weight
Gases	Total landfill gas	4,000	0.00		
	Methane		16.04		
	Carbon dioxide		44.01		
	NMOC		86.18		
Pollutants	1,1,1-Trichloroethane (methyl chloroform) - HAP	0.48	133.41		
	1,1,2,2-Tetrachloroethane - HAP/VOC	1.1	167.85		
	1,1-Dichloroethane (ethylidene dichloride) - HAP/VOC	2.4	98.97		
	1,1-Dichloroethene (vinylidene chloride) - HAP/VOC	0.20	96.94		
	1,2-Dichloroethane (ethylene dichloride) - HAP/VOC	0.41	98.96		
	1,2-Dichloropropane (propylene dichloride) - HAP/VOC	0.18	112.99		
	2-Propanol (isopropyl alcohol) - VOC	50	60.11		
	Acetone	7.0	58.08		
	Acrylonitrile - HAP/VOC	6.3	53.06		
	Benzene - No or Unknown Co-disposal - HAP/VOC	1.9	78.11		
	Benzene - Co-disposal - HAP/VOC	11	78.11		
	Bromodichloromethane - VOC	3.1	163.83		
	Butane - VOC	5.0	58.12		
	Carbon disulfide - HAP/VOC	0.58	76.13		
	Carbon monoxide	140	28.01		
	Carbon tetrachloride - HAP/VOC	4.0E-03	153.84		
	Carbonyl sulfide - HAP/VOC	0.49	60.07		
	Chlorobenzene - HAP/VOC	0.25	112.56		
	Chlorodifluoromethane	1.3	86.47		
	Chloroethane (ethyl chloride) - HAP/VOC	1.3	64.52		
	Chloroform - HAP/VOC	0.03	119.39		
	Chloromethane - VOC	1.2	50.49		
	Dichlorobenzene - (HAP for para isomer/VOC)	0.21	147		
	Dichlorodifluoromethane	16	120.91		
	Dichlorofluoromethane - VOC	2.6	102.92		
	Dichloromethane (methylene chloride) - HAP	14	84.94		
	Dimethyl sulfide (methyl sulfide) - VOC	7.8	62.13		
	Ethane	890	30.07		
	Ethanol - VOC	27	46.08		

Pollutant Parameters (Continued)

Gas / Pollutant Default Parameters:				User-specified Pollutant Parameters:	
	Compound	Concentration (ppmv)	Molecular Weight	Concentration (ppmv)	Molecular Weight
Pollutants	Ethyl mercaptan (ethanethiol) - VOC	2.3	62.13		
	Ethylbenzene - HAP/VOC	4.6	106.16		
	Ethylene dibromide - HAP/VOC	1.0E-03	187.88		
	Fluorotrichloromethane - VOC	0.76	137.38		
	Hexane - HAP/VOC	6.6	86.18		
	Hydrogen sulfide	36	34.08		
	Mercury (total) - HAP	2.9E-04	200.61		
	Methyl ethyl ketone - HAP/VOC	7.1	72.11		
	Methyl isobutyl ketone - HAP/VOC	1.9	100.16		
	Methyl mercaptan - VOC	2.5	48.11		
	Pentane - VOC	3.3	72.15		
	Perchloroethylene (tetrachloroethylene) - HAP	3.7	165.83		
	Propane - VOC	11	44.09		
	t-1,2-Dichloroethene - VOC	2.8	96.94		
	Toluene - No or Unknown Co-disposal - HAP/VOC	39	92.13		
	Toluene - Co-disposal - HAP/VOC	170	92.13		
	Trichloroethylene (trichloroethene) - HAP/VOC	2.8	131.40		
	Vinyl chloride - HAP/VOC	7.3	62.50		
	Xylenes - HAP/VOC	12	106.16		

Graphs



Results

Year	Total landfill gas			Methane		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
1980	0	0	0	0	0	0
1981	7.518E+02	6.020E+05	4.045E+01	2.008E+02	3.010E+05	2.022E+01
1982	1.489E+03	1.192E+06	8.009E+01	3.976E+02	5.960E+05	4.005E+01
1983	2.211E+03	1.770E+06	1.190E+02	5.906E+02	8.852E+05	5.948E+01
1984	2.919E+03	2.337E+06	1.570E+02	7.797E+02	1.169E+06	7.852E+01
1985	3.613E+03	2.893E+06	1.944E+02	9.651E+02	1.447E+06	9.719E+01
1986	4.293E+03	3.438E+06	2.310E+02	1.147E+03	1.719E+06	1.155E+02
1987	4.960E+03	3.972E+06	2.669E+02	1.325E+03	1.986E+06	1.334E+02
1988	5.614E+03	4.495E+06	3.020E+02	1.499E+03	2.248E+06	1.510E+02
1989	6.254E+03	5.008E+06	3.365E+02	1.671E+03	2.504E+06	1.682E+02
1990	6.882E+03	5.511E+06	3.703E+02	1.838E+03	2.755E+06	1.851E+02
1991	7.498E+03	6.004E+06	4.034E+02	2.003E+03	3.002E+06	2.017E+02
1992	8.101E+03	6.487E+06	4.359E+02	2.164E+03	3.243E+06	2.179E+02
1993	8.692E+03	6.960E+06	4.677E+02	2.322E+03	3.480E+06	2.338E+02
1994	9.272E+03	7.425E+06	4.989E+02	2.477E+03	3.712E+06	2.494E+02
1995	9.840E+03	7.880E+06	5.294E+02	2.628E+03	3.940E+06	2.647E+02
1996	1.057E+04	8.468E+06	5.689E+02	2.825E+03	4.234E+06	2.845E+02
1997	1.129E+04	9.044E+06	6.077E+02	3.017E+03	4.522E+06	3.038E+02
1998	1.206E+04	9.658E+06	6.489E+02	3.222E+03	4.829E+06	3.244E+02
1999	1.270E+04	1.017E+07	6.831E+02	3.391E+03	5.083E+06	3.415E+02
2000	1.345E+04	1.077E+07	7.237E+02	3.593E+03	5.385E+06	3.618E+02
2001	1.420E+04	1.137E+07	7.642E+02	3.794E+03	5.687E+06	3.821E+02
2002	1.522E+04	1.219E+07	8.188E+02	4.065E+03	6.093E+06	4.094E+02
2003	1.645E+04	1.318E+07	8.853E+02	4.395E+03	6.588E+06	4.426E+02
2004	1.775E+04	1.421E+07	9.550E+02	4.741E+03	7.107E+06	4.775E+02
2005	1.908E+04	1.528E+07	1.027E+03	5.098E+03	7.641E+06	5.134E+02
2006	2.059E+04	1.649E+07	1.108E+03	5.500E+03	8.244E+06	5.539E+02
2007	2.210E+04	1.770E+07	1.189E+03	5.903E+03	8.848E+06	5.945E+02
2008	2.340E+04	1.873E+07	1.259E+03	6.249E+03	9.367E+06	6.294E+02
2009	2.429E+04	1.945E+07	1.307E+03	6.487E+03	9.724E+06	6.533E+02
2010	2.502E+04	2.004E+07	1.346E+03	6.684E+03	1.002E+07	6.731E+02
2011	2.574E+04	2.061E+07	1.385E+03	6.874E+03	1.030E+07	6.923E+02
2012	2.651E+04	2.123E+07	1.426E+03	7.081E+03	1.061E+07	7.131E+02
2013	2.725E+04	2.182E+07	1.466E+03	7.279E+03	1.091E+07	7.331E+02
2014	2.794E+04	2.238E+07	1.503E+03	7.464E+03	1.119E+07	7.517E+02
2015	2.955E+04	2.366E+07	1.590E+03	7.892E+03	1.183E+07	7.948E+02
2016	3.103E+04	2.485E+07	1.670E+03	8.289E+03	1.243E+07	8.348E+02
2017	3.264E+04	2.614E+07	1.756E+03	8.718E+03	1.307E+07	8.780E+02
2018	3.438E+04	2.753E+07	1.850E+03	9.184E+03	1.377E+07	9.249E+02
2019	3.611E+04	2.891E+07	1.943E+03	9.644E+03	1.446E+07	9.713E+02
2020	3.782E+04	3.028E+07	2.035E+03	1.010E+04	1.514E+07	1.017E+03
2021	3.952E+04	3.165E+07	2.126E+03	1.056E+04	1.582E+07	1.063E+03
2022	4.122E+04	3.300E+07	2.218E+03	1.101E+04	1.650E+07	1.109E+03
2023	4.290E+04	3.435E+07	2.308E+03	1.146E+04	1.718E+07	1.154E+03
2024	4.458E+04	3.570E+07	2.398E+03	1.191E+04	1.785E+07	1.199E+03
2025	4.625E+04	3.703E+07	2.488E+03	1.235E+04	1.852E+07	1.244E+03
2026	4.791E+04	3.836E+07	2.578E+03	1.280E+04	1.918E+07	1.289E+03
2027	4.956E+04	3.969E+07	2.667E+03	1.324E+04	1.984E+07	1.333E+03
2028	5.121E+04	4.101E+07	2.755E+03	1.368E+04	2.050E+07	1.378E+03
2029	5.285E+04	4.232E+07	2.844E+03	1.412E+04	2.116E+07	1.422E+03

Results (Continued)

Year	Total landfill gas			Methane		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
2030	5.449E+04	4.363E+07	2.932E+03	1.455E+04	2.182E+07	1.466E+03
2031	5.612E+04	4.494E+07	3.019E+03	1.499E+04	2.247E+07	1.510E+03
2032	5.774E+04	4.624E+07	3.107E+03	1.542E+04	2.312E+07	1.553E+03
2033	5.936E+04	4.753E+07	3.194E+03	1.586E+04	2.377E+07	1.597E+03
2034	6.098E+04	4.883E+07	3.281E+03	1.629E+04	2.441E+07	1.640E+03
2035	6.259E+04	5.012E+07	3.367E+03	1.672E+04	2.506E+07	1.684E+03
2036	6.420E+04	5.141E+07	3.454E+03	1.715E+04	2.570E+07	1.727E+03
2037	6.580E+04	5.269E+07	3.540E+03	1.758E+04	2.634E+07	1.770E+03
2038	6.740E+04	5.397E+07	3.626E+03	1.800E+04	2.699E+07	1.813E+03
2039	6.900E+04	5.525E+07	3.712E+03	1.843E+04	2.763E+07	1.856E+03
2040	6.820E+04	5.461E+07	3.669E+03	1.822E+04	2.730E+07	1.835E+03
2041	6.685E+04	5.353E+07	3.597E+03	1.786E+04	2.676E+07	1.798E+03
2042	6.552E+04	5.247E+07	3.525E+03	1.750E+04	2.623E+07	1.763E+03
2043	6.423E+04	5.143E+07	3.455E+03	1.716E+04	2.571E+07	1.728E+03
2044	6.295E+04	5.041E+07	3.387E+03	1.682E+04	2.521E+07	1.694E+03
2045	6.171E+04	4.941E+07	3.320E+03	1.648E+04	2.471E+07	1.660E+03
2046	6.049E+04	4.843E+07	3.254E+03	1.616E+04	2.422E+07	1.627E+03
2047	5.929E+04	4.747E+07	3.190E+03	1.584E+04	2.374E+07	1.595E+03
2048	5.811E+04	4.653E+07	3.127E+03	1.552E+04	2.327E+07	1.563E+03
2049	5.696E+04	4.561E+07	3.065E+03	1.522E+04	2.281E+07	1.532E+03
2050	5.583E+04	4.471E+07	3.004E+03	1.491E+04	2.236E+07	1.502E+03
2051	5.473E+04	4.382E+07	2.945E+03	1.462E+04	2.191E+07	1.472E+03
2052	5.365E+04	4.296E+07	2.886E+03	1.433E+04	2.148E+07	1.443E+03
2053	5.258E+04	4.211E+07	2.829E+03	1.405E+04	2.105E+07	1.415E+03
2054	5.154E+04	4.127E+07	2.773E+03	1.377E+04	2.064E+07	1.387E+03
2055	5.052E+04	4.046E+07	2.718E+03	1.349E+04	2.023E+07	1.359E+03
2056	4.952E+04	3.965E+07	2.664E+03	1.323E+04	1.983E+07	1.332E+03
2057	4.854E+04	3.887E+07	2.612E+03	1.297E+04	1.943E+07	1.306E+03
2058	4.758E+04	3.810E+07	2.560E+03	1.271E+04	1.905E+07	1.280E+03
2059	4.664E+04	3.734E+07	2.509E+03	1.246E+04	1.867E+07	1.255E+03
2060	4.571E+04	3.661E+07	2.460E+03	1.221E+04	1.830E+07	1.230E+03
2061	4.481E+04	3.588E+07	2.411E+03	1.197E+04	1.794E+07	1.205E+03
2062	4.392E+04	3.517E+07	2.363E+03	1.173E+04	1.759E+07	1.182E+03
2063	4.305E+04	3.447E+07	2.316E+03	1.150E+04	1.724E+07	1.158E+03
2064	4.220E+04	3.379E+07	2.270E+03	1.127E+04	1.690E+07	1.135E+03
2065	4.136E+04	3.312E+07	2.225E+03	1.105E+04	1.656E+07	1.113E+03
2066	4.054E+04	3.247E+07	2.181E+03	1.083E+04	1.623E+07	1.091E+03
2067	3.974E+04	3.182E+07	2.138E+03	1.062E+04	1.591E+07	1.069E+03
2068	3.895E+04	3.119E+07	2.096E+03	1.041E+04	1.560E+07	1.048E+03
2069	3.818E+04	3.058E+07	2.054E+03	1.020E+04	1.529E+07	1.027E+03
2070	3.743E+04	2.997E+07	2.014E+03	9.997E+03	1.499E+07	1.007E+03
2071	3.669E+04	2.938E+07	1.974E+03	9.799E+03	1.469E+07	9.869E+02
2072	3.596E+04	2.879E+07	1.935E+03	9.605E+03	1.440E+07	9.674E+02
2073	3.525E+04	2.822E+07	1.896E+03	9.415E+03	1.411E+07	9.482E+02
2074	3.455E+04	2.767E+07	1.859E+03	9.229E+03	1.383E+07	9.294E+02
2075	3.387E+04	2.712E+07	1.822E+03	9.046E+03	1.356E+07	9.110E+02
2076	3.320E+04	2.658E+07	1.786E+03	8.867E+03	1.329E+07	8.930E+02
2077	3.254E+04	2.605E+07	1.751E+03	8.691E+03	1.303E+07	8.753E+02
2078	3.189E+04	2.554E+07	1.716E+03	8.519E+03	1.277E+07	8.580E+02
2079	3.126E+04	2.503E+07	1.682E+03	8.350E+03	1.252E+07	8.410E+02
2080	3.064E+04	2.454E+07	1.649E+03	8.185E+03	1.227E+07	8.243E+02

Results (Continued)

Year	Total landfill gas			Methane		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
2081	3.004E+04	2.405E+07	1.616E+03	8.023E+03	1.203E+07	8.080E+02
2082	2.944E+04	2.358E+07	1.584E+03	7.864E+03	1.179E+07	7.920E+02
2083	2.886E+04	2.311E+07	1.553E+03	7.708E+03	1.155E+07	7.763E+02
2084	2.829E+04	2.265E+07	1.522E+03	7.556E+03	1.133E+07	7.610E+02
2085	2.773E+04	2.220E+07	1.492E+03	7.406E+03	1.110E+07	7.459E+02
2086	2.718E+04	2.176E+07	1.462E+03	7.259E+03	1.088E+07	7.311E+02
2087	2.664E+04	2.133E+07	1.433E+03	7.116E+03	1.067E+07	7.166E+02
2088	2.611E+04	2.091E+07	1.405E+03	6.975E+03	1.045E+07	7.025E+02
2089	2.560E+04	2.050E+07	1.377E+03	6.837E+03	1.025E+07	6.885E+02
2090	2.509E+04	2.009E+07	1.350E+03	6.701E+03	1.004E+07	6.749E+02
2091	2.459E+04	1.969E+07	1.323E+03	6.569E+03	9.846E+06	6.615E+02
2092	2.410E+04	1.930E+07	1.297E+03	6.439E+03	9.651E+06	6.484E+02
2093	2.363E+04	1.892E+07	1.271E+03	6.311E+03	9.460E+06	6.356E+02
2094	2.316E+04	1.854E+07	1.246E+03	6.186E+03	9.272E+06	6.230E+02
2095	2.270E+04	1.818E+07	1.221E+03	6.064E+03	9.089E+06	6.107E+02
2096	2.225E+04	1.782E+07	1.197E+03	5.944E+03	8.909E+06	5.986E+02
2097	2.181E+04	1.746E+07	1.173E+03	5.826E+03	8.732E+06	5.867E+02
2098	2.138E+04	1.712E+07	1.150E+03	5.711E+03	8.560E+06	5.751E+02
2099	2.096E+04	1.678E+07	1.127E+03	5.597E+03	8.390E+06	5.637E+02
2100	2.054E+04	1.645E+07	1.105E+03	5.487E+03	8.224E+06	5.526E+02
2101	2.013E+04	1.612E+07	1.083E+03	5.378E+03	8.061E+06	5.416E+02
2102	1.974E+04	1.580E+07	1.062E+03	5.271E+03	7.901E+06	5.309E+02
2103	1.934E+04	1.549E+07	1.041E+03	5.167E+03	7.745E+06	5.204E+02
2104	1.896E+04	1.518E+07	1.020E+03	5.065E+03	7.592E+06	5.101E+02
2105	1.859E+04	1.488E+07	1.000E+03	4.964E+03	7.441E+06	5.000E+02
2106	1.822E+04	1.459E+07	9.802E+02	4.866E+03	7.294E+06	4.901E+02
2107	1.786E+04	1.430E+07	9.608E+02	4.770E+03	7.150E+06	4.804E+02
2108	1.750E+04	1.402E+07	9.417E+02	4.675E+03	7.008E+06	4.709E+02
2109	1.716E+04	1.374E+07	9.231E+02	4.583E+03	6.869E+06	4.615E+02
2110	1.682E+04	1.347E+07	9.048E+02	4.492E+03	6.733E+06	4.524E+02
2111	1.648E+04	1.320E+07	8.869E+02	4.403E+03	6.600E+06	4.434E+02
2112	1.616E+04	1.294E+07	8.693E+02	4.316E+03	6.469E+06	4.347E+02
2113	1.584E+04	1.268E+07	8.521E+02	4.230E+03	6.341E+06	4.261E+02
2114	1.552E+04	1.243E+07	8.352E+02	4.147E+03	6.216E+06	4.176E+02
2115	1.522E+04	1.218E+07	8.187E+02	4.065E+03	6.092E+06	4.094E+02
2116	1.492E+04	1.194E+07	8.025E+02	3.984E+03	5.972E+06	4.012E+02
2117	1.462E+04	1.171E+07	7.866E+02	3.905E+03	5.854E+06	3.933E+02
2118	1.433E+04	1.148E+07	7.710E+02	3.828E+03	5.738E+06	3.855E+02
2119	1.405E+04	1.125E+07	7.558E+02	3.752E+03	5.624E+06	3.779E+02
2120	1.377E+04	1.103E+07	7.408E+02	3.678E+03	5.513E+06	3.704E+02

Results (Continued)

Year	Carbon dioxide			NMOC		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
1980	0	0	0	0	0	0
1981	5.510E+02	3.010E+05	2.022E+01	8.631E+00	2.408E+03	1.618E-01
1982	1.091E+03	5.960E+05	4.005E+01	1.709E+01	4.768E+03	3.204E-01
1983	1.620E+03	8.852E+05	5.948E+01	2.538E+01	7.082E+03	4.758E-01
1984	2.139E+03	1.169E+06	7.852E+01	3.351E+01	9.350E+03	6.282E-01
1985	2.648E+03	1.447E+06	9.719E+01	4.148E+01	1.157E+04	7.775E-01
1986	3.146E+03	1.719E+06	1.155E+02	4.929E+01	1.375E+04	9.239E-01
1987	3.635E+03	1.986E+06	1.334E+02	5.695E+01	1.589E+04	1.067E+00
1988	4.114E+03	2.248E+06	1.510E+02	6.445E+01	1.798E+04	1.208E+00
1989	4.584E+03	2.504E+06	1.682E+02	7.180E+01	2.003E+04	1.346E+00
1990	5.044E+03	2.755E+06	1.851E+02	7.901E+01	2.204E+04	1.481E+00
1991	5.495E+03	3.002E+06	2.017E+02	8.608E+01	2.402E+04	1.614E+00
1992	5.937E+03	3.243E+06	2.179E+02	9.301E+01	2.595E+04	1.743E+00
1993	6.371E+03	3.480E+06	2.338E+02	9.980E+01	2.784E+04	1.871E+00
1994	6.795E+03	3.712E+06	2.494E+02	1.065E+02	2.970E+04	1.995E+00
1995	7.212E+03	3.940E+06	2.647E+02	1.130E+02	3.152E+04	2.118E+00
1996	7.750E+03	4.234E+06	2.845E+02	1.214E+02	3.387E+04	2.276E+00
1997	8.277E+03	4.522E+06	3.038E+02	1.297E+02	3.618E+04	2.431E+00
1998	8.839E+03	4.829E+06	3.244E+02	1.385E+02	3.863E+04	2.596E+00
1999	9.304E+03	5.083E+06	3.415E+02	1.458E+02	4.066E+04	2.732E+00
2000	9.858E+03	5.385E+06	3.618E+02	1.544E+02	4.308E+04	2.895E+00
2001	1.041E+04	5.687E+06	3.821E+02	1.631E+02	4.550E+04	3.057E+00
2002	1.115E+04	6.093E+06	4.094E+02	1.747E+02	4.874E+04	3.275E+00
2003	1.206E+04	6.588E+06	4.426E+02	1.889E+02	5.270E+04	3.541E+00
2004	1.301E+04	7.107E+06	4.775E+02	2.038E+02	5.685E+04	3.820E+00
2005	1.399E+04	7.641E+06	5.134E+02	2.191E+02	6.113E+04	4.107E+00
2006	1.509E+04	8.244E+06	5.539E+02	2.364E+02	6.596E+04	4.432E+00
2007	1.620E+04	8.848E+06	5.945E+02	2.537E+02	7.078E+04	4.756E+00
2008	1.715E+04	9.367E+06	6.294E+02	2.686E+02	7.494E+04	5.035E+00
2009	1.780E+04	9.724E+06	6.533E+02	2.788E+02	7.779E+04	5.227E+00
2010	1.834E+04	1.002E+07	6.731E+02	2.873E+02	8.015E+04	5.385E+00
2011	1.886E+04	1.030E+07	6.923E+02	2.955E+02	8.243E+04	5.539E+00
2012	1.943E+04	1.061E+07	7.131E+02	3.044E+02	8.491E+04	5.705E+00
2013	1.997E+04	1.091E+07	7.331E+02	3.129E+02	8.728E+04	5.864E+00
2014	2.048E+04	1.119E+07	7.517E+02	3.208E+02	8.950E+04	6.014E+00
2015	2.165E+04	1.183E+07	7.948E+02	3.392E+02	9.464E+04	6.359E+00
2016	2.274E+04	1.243E+07	8.348E+02	3.563E+02	9.940E+04	6.679E+00
2017	2.392E+04	1.307E+07	8.780E+02	3.747E+02	1.045E+05	7.024E+00
2018	2.520E+04	1.377E+07	9.249E+02	3.947E+02	1.101E+05	7.399E+00
2019	2.646E+04	1.446E+07	9.713E+02	4.145E+02	1.156E+05	7.770E+00
2020	2.772E+04	1.514E+07	1.017E+03	4.342E+02	1.211E+05	8.139E+00
2021	2.897E+04	1.582E+07	1.063E+03	4.538E+02	1.266E+05	8.506E+00
2022	3.021E+04	1.650E+07	1.109E+03	4.732E+02	1.320E+05	8.870E+00
2023	3.144E+04	1.718E+07	1.154E+03	4.926E+02	1.374E+05	9.233E+00
2024	3.267E+04	1.785E+07	1.199E+03	5.118E+02	1.428E+05	9.594E+00
2025	3.389E+04	1.852E+07	1.244E+03	5.310E+02	1.481E+05	9.953E+00
2026	3.511E+04	1.918E+07	1.289E+03	5.500E+02	1.535E+05	1.031E+01
2027	3.632E+04	1.984E+07	1.333E+03	5.690E+02	1.588E+05	1.067E+01
2028	3.753E+04	2.050E+07	1.378E+03	5.880E+02	1.640E+05	1.102E+01
2029	3.873E+04	2.116E+07	1.422E+03	6.068E+02	1.693E+05	1.137E+01

Results (Continued)

Year	Carbon dioxide			NMOC		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
2030	3.993E+04	2.182E+07	1.466E+03	6.256E+02	1.745E+05	1.173E+01
2031	4.113E+04	2.247E+07	1.510E+03	6.443E+02	1.797E+05	1.208E+01
2032	4.232E+04	2.312E+07	1.553E+03	6.629E+02	1.849E+05	1.243E+01
2033	4.351E+04	2.377E+07	1.597E+03	6.815E+02	1.901E+05	1.278E+01
2034	4.469E+04	2.441E+07	1.640E+03	7.001E+02	1.953E+05	1.312E+01
2035	4.587E+04	2.506E+07	1.684E+03	7.186E+02	2.005E+05	1.347E+01
2036	4.705E+04	2.570E+07	1.727E+03	7.370E+02	2.056E+05	1.382E+01
2037	4.822E+04	2.634E+07	1.770E+03	7.555E+02	2.108E+05	1.416E+01
2038	4.940E+04	2.699E+07	1.813E+03	7.738E+02	2.159E+05	1.451E+01
2039	5.057E+04	2.763E+07	1.856E+03	7.922E+02	2.210E+05	1.485E+01
2040	4.998E+04	2.730E+07	1.835E+03	7.830E+02	2.184E+05	1.468E+01
2041	4.899E+04	2.676E+07	1.798E+03	7.675E+02	2.141E+05	1.439E+01
2042	4.802E+04	2.623E+07	1.763E+03	7.523E+02	2.099E+05	1.410E+01
2043	4.707E+04	2.571E+07	1.728E+03	7.374E+02	2.057E+05	1.382E+01
2044	4.614E+04	2.521E+07	1.694E+03	7.228E+02	2.016E+05	1.355E+01
2045	4.522E+04	2.471E+07	1.660E+03	7.085E+02	1.976E+05	1.328E+01
2046	4.433E+04	2.422E+07	1.627E+03	6.944E+02	1.937E+05	1.302E+01
2047	4.345E+04	2.374E+07	1.595E+03	6.807E+02	1.899E+05	1.276E+01
2048	4.259E+04	2.327E+07	1.563E+03	6.672E+02	1.861E+05	1.251E+01
2049	4.175E+04	2.281E+07	1.532E+03	6.540E+02	1.825E+05	1.226E+01
2050	4.092E+04	2.236E+07	1.502E+03	6.410E+02	1.788E+05	1.202E+01
2051	4.011E+04	2.191E+07	1.472E+03	6.284E+02	1.753E+05	1.178E+01
2052	3.932E+04	2.148E+07	1.443E+03	6.159E+02	1.718E+05	1.155E+01
2053	3.854E+04	2.105E+07	1.415E+03	6.037E+02	1.684E+05	1.132E+01
2054	3.777E+04	2.064E+07	1.387E+03	5.918E+02	1.651E+05	1.109E+01
2055	3.703E+04	2.023E+07	1.359E+03	5.800E+02	1.618E+05	1.087E+01
2056	3.629E+04	1.983E+07	1.332E+03	5.686E+02	1.586E+05	1.066E+01
2057	3.557E+04	1.943E+07	1.306E+03	5.573E+02	1.555E+05	1.045E+01
2058	3.487E+04	1.905E+07	1.280E+03	5.463E+02	1.524E+05	1.024E+01
2059	3.418E+04	1.867E+07	1.255E+03	5.354E+02	1.494E+05	1.004E+01
2060	3.350E+04	1.830E+07	1.230E+03	5.248E+02	1.464E+05	9.838E+00
2061	3.284E+04	1.794E+07	1.205E+03	5.145E+02	1.435E+05	9.643E+00
2062	3.219E+04	1.759E+07	1.182E+03	5.043E+02	1.407E+05	9.452E+00
2063	3.155E+04	1.724E+07	1.158E+03	4.943E+02	1.379E+05	9.265E+00
2064	3.093E+04	1.690E+07	1.135E+03	4.845E+02	1.352E+05	9.082E+00
2065	3.031E+04	1.656E+07	1.113E+03	4.749E+02	1.325E+05	8.902E+00
2066	2.971E+04	1.623E+07	1.091E+03	4.655E+02	1.299E+05	8.726E+00
2067	2.913E+04	1.591E+07	1.069E+03	4.563E+02	1.273E+05	8.553E+00
2068	2.855E+04	1.560E+07	1.048E+03	4.472E+02	1.248E+05	8.383E+00
2069	2.798E+04	1.529E+07	1.027E+03	4.384E+02	1.223E+05	8.217E+00
2070	2.743E+04	1.499E+07	1.007E+03	4.297E+02	1.199E+05	8.055E+00
2071	2.689E+04	1.469E+07	9.869E+02	4.212E+02	1.175E+05	7.895E+00
2072	2.635E+04	1.440E+07	9.674E+02	4.129E+02	1.152E+05	7.739E+00
2073	2.583E+04	1.411E+07	9.482E+02	4.047E+02	1.129E+05	7.586E+00
2074	2.532E+04	1.383E+07	9.294E+02	3.967E+02	1.107E+05	7.435E+00
2075	2.482E+04	1.356E+07	9.110E+02	3.888E+02	1.085E+05	7.288E+00
2076	2.433E+04	1.329E+07	8.930E+02	3.811E+02	1.063E+05	7.144E+00
2077	2.385E+04	1.303E+07	8.753E+02	3.736E+02	1.042E+05	7.002E+00
2078	2.337E+04	1.277E+07	8.580E+02	3.662E+02	1.022E+05	6.864E+00
2079	2.291E+04	1.252E+07	8.410E+02	3.589E+02	1.001E+05	6.728E+00
2080	2.246E+04	1.227E+07	8.243E+02	3.518E+02	9.815E+04	6.595E+00

Results (Continued)

Year	Carbon dioxide			NMOC		
	(Mg/year)	(m ³ /year)	(av ft ³ /min)	(Mg/year)	(m ³ /year)	(av ft ³ /min)
2081	2.201E+04	1.203E+07	8.080E+02	3.448E+02	9.621E+04	6.464E+00
2082	2.158E+04	1.179E+07	7.920E+02	3.380E+02	9.430E+04	6.336E+00
2083	2.115E+04	1.155E+07	7.763E+02	3.313E+02	9.243E+04	6.211E+00
2084	2.073E+04	1.133E+07	7.610E+02	3.248E+02	9.060E+04	6.088E+00
2085	2.032E+04	1.110E+07	7.459E+02	3.183E+02	8.881E+04	5.967E+00
2086	1.992E+04	1.088E+07	7.311E+02	3.120E+02	8.705E+04	5.849E+00
2087	1.952E+04	1.067E+07	7.166E+02	3.059E+02	8.533E+04	5.733E+00
2088	1.914E+04	1.045E+07	7.025E+02	2.998E+02	8.364E+04	5.620E+00
2089	1.876E+04	1.025E+07	6.885E+02	2.939E+02	8.198E+04	5.508E+00
2090	1.839E+04	1.004E+07	6.749E+02	2.880E+02	8.036E+04	5.399E+00
2091	1.802E+04	9.846E+06	6.615E+02	2.823E+02	7.877E+04	5.292E+00
2092	1.767E+04	9.651E+06	6.484E+02	2.767E+02	7.721E+04	5.188E+00
2093	1.732E+04	9.460E+06	6.356E+02	2.713E+02	7.568E+04	5.085E+00
2094	1.697E+04	9.272E+06	6.230E+02	2.659E+02	7.418E+04	4.984E+00
2095	1.664E+04	9.089E+06	6.107E+02	2.606E+02	7.271E+04	4.885E+00
2096	1.631E+04	8.909E+06	5.986E+02	2.555E+02	7.127E+04	4.789E+00
2097	1.598E+04	8.732E+06	5.867E+02	2.504E+02	6.986E+04	4.694E+00
2098	1.567E+04	8.560E+06	5.751E+02	2.455E+02	6.848E+04	4.601E+00
2099	1.536E+04	8.390E+06	5.637E+02	2.406E+02	6.712E+04	4.510E+00
2100	1.505E+04	8.224E+06	5.526E+02	2.358E+02	6.579E+04	4.421E+00
2101	1.476E+04	8.061E+06	5.416E+02	2.312E+02	6.449E+04	4.333E+00
2102	1.446E+04	7.901E+06	5.309E+02	2.266E+02	6.321E+04	4.247E+00
2103	1.418E+04	7.745E+06	5.204E+02	2.221E+02	6.196E+04	4.163E+00
2104	1.390E+04	7.592E+06	5.101E+02	2.177E+02	6.073E+04	4.081E+00
2105	1.362E+04	7.441E+06	5.000E+02	2.134E+02	5.953E+04	4.000E+00
2106	1.335E+04	7.294E+06	4.901E+02	2.092E+02	5.835E+04	3.921E+00
2107	1.309E+04	7.150E+06	4.804E+02	2.050E+02	5.720E+04	3.843E+00
2108	1.283E+04	7.008E+06	4.709E+02	2.010E+02	5.606E+04	3.767E+00
2109	1.257E+04	6.869E+06	4.615E+02	1.970E+02	5.495E+04	3.692E+00
2110	1.233E+04	6.733E+06	4.524E+02	1.931E+02	5.387E+04	3.619E+00
2111	1.208E+04	6.600E+06	4.434E+02	1.893E+02	5.280E+04	3.548E+00
2112	1.184E+04	6.469E+06	4.347E+02	1.855E+02	5.175E+04	3.477E+00
2113	1.161E+04	6.341E+06	4.261E+02	1.818E+02	5.073E+04	3.408E+00
2114	1.138E+04	6.216E+06	4.176E+02	1.782E+02	4.972E+04	3.341E+00
2115	1.115E+04	6.092E+06	4.094E+02	1.747E+02	4.874E+04	3.275E+00
2116	1.093E+04	5.972E+06	4.012E+02	1.712E+02	4.777E+04	3.210E+00
2117	1.071E+04	5.854E+06	3.933E+02	1.679E+02	4.683E+04	3.146E+00
2118	1.050E+04	5.738E+06	3.855E+02	1.645E+02	4.590E+04	3.084E+00
2119	1.029E+04	5.624E+06	3.779E+02	1.613E+02	4.499E+04	3.023E+00
2120	1.009E+04	5.513E+06	3.704E+02	1.581E+02	4.410E+04	2.963E+00

APPENDIX C

AERMOD FILES

Appendix C – AERMOD RUN – CARBON MONOXIDE

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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.5.0
** Lakes Environmental Software Inc.
** Date: 11/5/2018
** File: C:\AERMOD\STSL_CO\STSL_CO.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD\STSL_CO\STSL_CO.isc
  MODELOPT DEFAULT CONC
  AVERTIME 1 8
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID CARBMON
  RUNORNOT RUN
  ERRORFIL STSL_CO.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SQ STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION EQUIPMENT AREAPOLY 480099.949 3764044.905 507.690
** DESCRSRC On-site Equipment
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PAVED
** DESCRSRC Paved Road
** PREFIX
** Length of Side = 5.00
** Configuration = Adjacent
** Emission Rate = 0.028
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 14
** 480449.145, 3764056.747, 478.02, 0.00, 2.33
** 480354.433, 3764104.779, 479.91, 0.00, 2.33
** 480257.015, 3764161.607, 489.95, 0.00, 2.33
** 480125.094, 3764160.254, 500.99, 0.00, 2.33
** 480088.563, 3764126.428, 505.93, 0.00, 2.33
** 480090.592, 3764081.778, 508.90, 0.00, 2.33
** 480118.329, 3764056.747, 511.17, 0.00, 2.33
** 480187.334, 3764064.865, 515.66, 0.00, 2.33
** 480233.337, 3764052.011, 518.73, 0.00, 2.33
** 480326.696, 3763905.208, 529.12, 0.00, 2.33
** 480365.934, 3763775.317, 537.02, 0.00, 2.33
** 480450.498, 3763659.633, 544.59, 0.00, 2.33
** 480459.293, 3763588.599, 549.78, 0.00, 2.33
** 480405.171, 3763516.212, 558.36, 0.00, 2.33
** -----
LOCATION L0001525 VOLUME 480446.915 3764057.878 477.93
LOCATION L0001526 VOLUME 480442.456 3764060.139 477.96
LOCATION L0001527 VOLUME 480437.997 3764062.401 477.94
LOCATION L0001528 VOLUME 480433.537 3764064.662 477.94

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Appendix C – AERMOD RUN – CARBON MONOXIDE

LOCATION	L0001529	VOLUME	480429.078	3764066.924	477.94
LOCATION	L0001530	VOLUME	480424.619	3764069.185	477.90
LOCATION	L0001531	VOLUME	480420.159	3764071.447	477.84
LOCATION	L0001532	VOLUME	480415.700	3764073.708	477.77
LOCATION	L0001533	VOLUME	480411.241	3764075.970	477.69
LOCATION	L0001534	VOLUME	480406.781	3764078.231	477.64
LOCATION	L0001535	VOLUME	480402.322	3764080.493	477.61
LOCATION	L0001536	VOLUME	480397.863	3764082.754	477.66
LOCATION	L0001537	VOLUME	480393.403	3764085.016	477.74
LOCATION	L0001538	VOLUME	480388.944	3764087.277	477.83
LOCATION	L0001539	VOLUME	480384.485	3764089.539	477.95
LOCATION	L0001540	VOLUME	480380.025	3764091.800	478.23
LOCATION	L0001541	VOLUME	480375.566	3764094.062	478.67
LOCATION	L0001542	VOLUME	480371.107	3764096.323	478.85
LOCATION	L0001543	VOLUME	480366.647	3764098.585	478.89
LOCATION	L0001544	VOLUME	480362.188	3764100.846	479.28
LOCATION	L0001545	VOLUME	480357.729	3764103.108	480.00
LOCATION	L0001546	VOLUME	480353.306	3764105.437	480.41
LOCATION	L0001547	VOLUME	480348.987	3764107.956	480.54
LOCATION	L0001548	VOLUME	480344.668	3764110.475	480.98
LOCATION	L0001549	VOLUME	480340.349	3764112.995	481.65
LOCATION	L0001550	VOLUME	480336.030	3764115.514	482.10
LOCATION	L0001551	VOLUME	480331.712	3764118.033	482.38
LOCATION	L0001552	VOLUME	480327.393	3764120.553	482.91
LOCATION	L0001553	VOLUME	480323.074	3764123.072	483.24
LOCATION	L0001554	VOLUME	480318.755	3764125.591	483.62
LOCATION	L0001555	VOLUME	480314.436	3764128.111	484.24
LOCATION	L0001556	VOLUME	480310.117	3764130.630	484.82
LOCATION	L0001557	VOLUME	480305.798	3764133.150	485.18
LOCATION	L0001558	VOLUME	480301.479	3764135.669	486.11
LOCATION	L0001559	VOLUME	480297.160	3764138.188	486.67
LOCATION	L0001560	VOLUME	480292.842	3764140.708	486.77
LOCATION	L0001561	VOLUME	480288.523	3764143.227	486.86
LOCATION	L0001562	VOLUME	480284.204	3764145.746	487.72
LOCATION	L0001563	VOLUME	480279.885	3764148.266	488.25
LOCATION	L0001564	VOLUME	480275.566	3764150.785	488.47
LOCATION	L0001565	VOLUME	480271.247	3764153.304	488.42
LOCATION	L0001566	VOLUME	480266.928	3764155.824	488.78
LOCATION	L0001567	VOLUME	480262.609	3764158.343	489.29
LOCATION	L0001568	VOLUME	480258.290	3764160.862	489.78
LOCATION	L0001569	VOLUME	480253.992	3764161.570	490.23
LOCATION	L0001570	VOLUME	480248.492	3764161.519	490.72
LOCATION	L0001571	VOLUME	480243.492	3764161.468	491.21
LOCATION	L0001572	VOLUME	480238.493	3764161.417	491.70
LOCATION	L0001573	VOLUME	480233.493	3764161.365	492.15
LOCATION	L0001574	VOLUME	480228.493	3764161.314	492.58
LOCATION	L0001575	VOLUME	480223.493	3764161.263	492.99
LOCATION	L0001576	VOLUME	480218.494	3764161.212	493.46
LOCATION	L0001577	VOLUME	480213.494	3764161.160	493.97
LOCATION	L0001578	VOLUME	480208.494	3764161.109	494.43
LOCATION	L0001579	VOLUME	480203.494	3764161.058	494.88
LOCATION	L0001580	VOLUME	480198.495	3764161.006	495.30
LOCATION	L0001581	VOLUME	480193.495	3764160.955	495.75
LOCATION	L0001582	VOLUME	480188.495	3764160.904	496.20
LOCATION	L0001583	VOLUME	480183.495	3764160.853	496.63
LOCATION	L0001584	VOLUME	480178.496	3764160.801	497.06
LOCATION	L0001585	VOLUME	480173.496	3764160.750	497.52
LOCATION	L0001586	VOLUME	480168.496	3764160.699	497.98
LOCATION	L0001587	VOLUME	480163.496	3764160.647	498.42
LOCATION	L0001588	VOLUME	480158.497	3764160.596	498.84
LOCATION	L0001589	VOLUME	480153.497	3764160.545	499.25
LOCATION	L0001590	VOLUME	480148.497	3764160.494	499.57
LOCATION	L0001591	VOLUME	480143.498	3764160.442	499.88
LOCATION	L0001592	VOLUME	480138.498	3764160.391	500.20
LOCATION	L0001593	VOLUME	480133.498	3764160.340	500.58
LOCATION	L0001594	VOLUME	480128.498	3764160.288	501.01
LOCATION	L0001595	VOLUME	480123.923	3764159.169	501.38
LOCATION	L0001596	VOLUME	480120.255	3764155.772	501.71

Appendix C – AERMOD RUN – CARBON MONOXIDE

LOCATION	L0001597	VOLUME	480116.586	3764152.375	502.19
LOCATION	L0001598	VOLUME	480112.917	3764148.978	502.75
LOCATION	L0001599	VOLUME	480109.248	3764145.581	503.10
LOCATION	L0001600	VOLUME	480105.579	3764142.184	503.60
LOCATION	L0001601	VOLUME	480101.911	3764138.787	504.03
LOCATION	L0001602	VOLUME	480098.242	3764135.390	504.48
LOCATION	L0001603	VOLUME	480094.573	3764131.993	504.96
LOCATION	L0001604	VOLUME	480090.904	3764128.596	505.35
LOCATION	L0001605	VOLUME	480088.645	3764124.621	505.72
LOCATION	L0001606	VOLUME	480088.872	3764119.626	506.07
LOCATION	L0001607	VOLUME	480089.099	3764114.631	506.45
LOCATION	L0001608	VOLUME	480089.326	3764109.636	506.82
LOCATION	L0001609	VOLUME	480089.553	3764104.641	507.19
LOCATION	L0001610	VOLUME	480089.780	3764099.647	507.56
LOCATION	L0001611	VOLUME	480090.007	3764094.652	507.93
LOCATION	L0001612	VOLUME	480090.234	3764089.657	508.28
LOCATION	L0001613	VOLUME	480090.461	3764084.662	508.61
LOCATION	L0001614	VOLUME	480092.161	3764080.362	508.92
LOCATION	L0001615	VOLUME	480095.873	3764077.013	509.20
LOCATION	L0001616	VOLUME	480099.585	3764073.663	509.53
LOCATION	L0001617	VOLUME	480103.297	3764070.313	509.88
LOCATION	L0001618	VOLUME	480107.009	3764066.963	510.17
LOCATION	L0001619	VOLUME	480110.721	3764063.613	510.51
LOCATION	L0001620	VOLUME	480114.433	3764060.263	510.88
LOCATION	L0001621	VOLUME	480118.144	3764056.914	511.16
LOCATION	L0001622	VOLUME	480123.048	3764057.302	511.41
LOCATION	L0001623	VOLUME	480128.014	3764057.886	511.69
LOCATION	L0001624	VOLUME	480132.979	3764058.470	512.01
LOCATION	L0001625	VOLUME	480137.945	3764059.055	512.35
LOCATION	L0001626	VOLUME	480142.911	3764059.639	512.72
LOCATION	L0001627	VOLUME	480147.877	3764060.223	513.07
LOCATION	L0001628	VOLUME	480152.842	3764060.807	513.41
LOCATION	L0001629	VOLUME	480157.808	3764061.391	513.73
LOCATION	L0001630	VOLUME	480162.774	3764061.976	514.11
LOCATION	L0001631	VOLUME	480167.740	3764062.560	514.60
LOCATION	L0001632	VOLUME	480172.705	3764063.144	515.03
LOCATION	L0001633	VOLUME	480177.671	3764063.728	515.29
LOCATION	L0001634	VOLUME	480182.637	3764064.312	515.48
LOCATION	L0001635	VOLUME	480187.594	3764064.792	515.64
LOCATION	L0001636	VOLUME	480192.410	3764063.447	515.98
LOCATION	L0001637	VOLUME	480197.226	3764062.101	516.32
LOCATION	L0001638	VOLUME	480202.041	3764060.756	516.59
LOCATION	L0001639	VOLUME	480206.857	3764059.410	516.95
LOCATION	L0001640	VOLUME	480211.672	3764058.065	517.30
LOCATION	L0001641	VOLUME	480216.488	3764056.719	517.58
LOCATION	L0001642	VOLUME	480221.303	3764055.374	517.83
LOCATION	L0001643	VOLUME	480226.119	3764054.028	518.19
LOCATION	L0001644	VOLUME	480230.934	3764052.682	518.54
LOCATION	L0001645	VOLUME	480234.681	3764049.897	518.74
LOCATION	L0001646	VOLUME	480237.364	3764045.678	519.07
LOCATION	L0001647	VOLUME	480240.048	3764041.459	519.38
LOCATION	L0001648	VOLUME	480242.731	3764037.240	519.69
LOCATION	L0001649	VOLUME	480245.414	3764033.020	520.05
LOCATION	L0001650	VOLUME	480248.097	3764028.801	520.53
LOCATION	L0001651	VOLUME	480250.780	3764024.582	521.12
LOCATION	L0001652	VOLUME	480253.463	3764020.363	521.41
LOCATION	L0001653	VOLUME	480256.146	3764016.144	521.86
LOCATION	L0001654	VOLUME	480258.829	3764011.925	522.39
LOCATION	L0001655	VOLUME	480261.513	3764007.706	522.78
LOCATION	L0001656	VOLUME	480264.196	3764003.487	523.25
LOCATION	L0001657	VOLUME	480266.879	3763999.268	523.73
LOCATION	L0001658	VOLUME	480269.562	3763995.048	524.22
LOCATION	L0001659	VOLUME	480272.245	3763990.829	524.17
LOCATION	L0001660	VOLUME	480274.928	3763986.610	524.57
LOCATION	L0001661	VOLUME	480277.611	3763982.391	524.96
LOCATION	L0001662	VOLUME	480280.294	3763978.172	524.70
LOCATION	L0001663	VOLUME	480282.978	3763973.953	525.17
LOCATION	L0001664	VOLUME	480285.661	3763969.734	525.62

Appendix C – AERMOD RUN – CARBON MONOXIDE

LOCATION	L0001665	VOLUME	480288.344	3763965.515	525.76
LOCATION	L0001666	VOLUME	480291.027	3763961.296	525.90
LOCATION	L0001667	VOLUME	480293.710	3763957.077	526.20
LOCATION	L0001668	VOLUME	480296.393	3763952.857	526.33
LOCATION	L0001669	VOLUME	480299.076	3763948.638	526.27
LOCATION	L0001670	VOLUME	480301.759	3763944.419	526.80
LOCATION	L0001671	VOLUME	480304.442	3763940.200	527.12
LOCATION	L0001672	VOLUME	480307.126	3763935.981	527.12
LOCATION	L0001673	VOLUME	480309.809	3763931.762	527.55
LOCATION	L0001674	VOLUME	480312.492	3763927.543	527.82
LOCATION	L0001675	VOLUME	480315.175	3763923.324	527.91
LOCATION	L0001676	VOLUME	480317.858	3763919.105	528.20
LOCATION	L0001677	VOLUME	480320.541	3763914.885	528.42
LOCATION	L0001678	VOLUME	480323.224	3763910.666	528.73
LOCATION	L0001679	VOLUME	480325.907	3763906.447	529.11
LOCATION	L0001680	VOLUME	480327.717	3763901.827	529.36
LOCATION	L0001681	VOLUME	480329.163	3763897.041	529.52
LOCATION	L0001682	VOLUME	480330.609	3763892.255	529.80
LOCATION	L0001683	VOLUME	480332.054	3763887.468	530.10
LOCATION	L0001684	VOLUME	480333.500	3763882.682	530.39
LOCATION	L0001685	VOLUME	480334.946	3763877.896	530.78
LOCATION	L0001686	VOLUME	480336.392	3763873.109	531.13
LOCATION	L0001687	VOLUME	480337.838	3763868.323	531.25
LOCATION	L0001688	VOLUME	480339.284	3763863.536	531.39
LOCATION	L0001689	VOLUME	480340.730	3763858.750	531.72
LOCATION	L0001690	VOLUME	480342.176	3763853.964	532.27
LOCATION	L0001691	VOLUME	480343.622	3763849.177	532.63
LOCATION	L0001692	VOLUME	480345.067	3763844.391	532.77
LOCATION	L0001693	VOLUME	480346.513	3763839.605	532.96
LOCATION	L0001694	VOLUME	480347.959	3763834.818	533.03
LOCATION	L0001695	VOLUME	480349.405	3763830.032	533.33
LOCATION	L0001696	VOLUME	480350.851	3763825.245	534.08
LOCATION	L0001697	VOLUME	480352.297	3763820.459	534.62
LOCATION	L0001698	VOLUME	480353.743	3763815.673	534.93
LOCATION	L0001699	VOLUME	480355.189	3763810.886	535.06
LOCATION	L0001700	VOLUME	480356.635	3763806.100	535.03
LOCATION	L0001701	VOLUME	480358.080	3763801.314	535.10
LOCATION	L0001702	VOLUME	480359.526	3763796.527	535.67
LOCATION	L0001703	VOLUME	480360.972	3763791.741	536.05
LOCATION	L0001704	VOLUME	480362.418	3763786.954	536.32
LOCATION	L0001705	VOLUME	480363.864	3763782.168	536.46
LOCATION	L0001706	VOLUME	480365.310	3763777.382	536.73
LOCATION	L0001707	VOLUME	480367.611	3763773.022	536.79
LOCATION	L0001708	VOLUME	480370.562	3763768.985	537.38
LOCATION	L0001709	VOLUME	480373.513	3763764.949	537.59
LOCATION	L0001710	VOLUME	480376.463	3763760.912	537.90
LOCATION	L0001711	VOLUME	480379.414	3763756.876	538.41
LOCATION	L0001712	VOLUME	480382.365	3763752.839	538.46
LOCATION	L0001713	VOLUME	480385.315	3763748.803	538.96
LOCATION	L0001714	VOLUME	480388.266	3763744.766	539.34
LOCATION	L0001715	VOLUME	480391.217	3763740.729	539.41
LOCATION	L0001716	VOLUME	480394.167	3763736.693	539.94
LOCATION	L0001717	VOLUME	480397.118	3763732.656	540.19
LOCATION	L0001718	VOLUME	480400.069	3763728.620	540.12
LOCATION	L0001719	VOLUME	480403.019	3763724.583	540.33
LOCATION	L0001720	VOLUME	480405.970	3763720.547	540.70
LOCATION	L0001721	VOLUME	480408.921	3763716.510	541.01
LOCATION	L0001722	VOLUME	480411.871	3763712.474	541.26
LOCATION	L0001723	VOLUME	480414.822	3763708.437	541.64
LOCATION	L0001724	VOLUME	480417.773	3763704.401	541.77
LOCATION	L0001725	VOLUME	480420.723	3763700.364	542.08
LOCATION	L0001726	VOLUME	480423.674	3763696.328	542.42
LOCATION	L0001727	VOLUME	480426.625	3763692.291	542.48
LOCATION	L0001728	VOLUME	480429.575	3763688.255	542.98
LOCATION	L0001729	VOLUME	480432.526	3763684.218	543.28
LOCATION	L0001730	VOLUME	480435.477	3763680.182	543.28
LOCATION	L0001731	VOLUME	480438.428	3763676.145	543.80
LOCATION	L0001732	VOLUME	480441.378	3763672.109	544.04

Appendix C – AERMOD RUN – CARBON MONOXIDE

LOCATION	L0001733	VOLUME	480444.329	3763668.072	544.09
LOCATION	L0001734	VOLUME	480447.280	3763664.036	544.29
LOCATION	L0001735	VOLUME	480450.230	3763659.999	544.61
LOCATION	L0001736	VOLUME	480451.057	3763655.121	544.95
LOCATION	L0001737	VOLUME	480451.671	3763650.159	545.21
LOCATION	L0001738	VOLUME	480452.285	3763645.197	545.45
LOCATION	L0001739	VOLUME	480452.900	3763640.235	545.72
LOCATION	L0001740	VOLUME	480453.514	3763635.272	546.02
LOCATION	L0001741	VOLUME	480454.128	3763630.310	546.34
LOCATION	L0001742	VOLUME	480454.743	3763625.348	546.67
LOCATION	L0001743	VOLUME	480455.357	3763620.386	547.01
LOCATION	L0001744	VOLUME	480455.971	3763615.424	547.35
LOCATION	L0001745	VOLUME	480456.586	3763610.462	547.68
LOCATION	L0001746	VOLUME	480457.200	3763605.500	548.03
LOCATION	L0001747	VOLUME	480457.814	3763600.538	548.38
LOCATION	L0001748	VOLUME	480458.429	3763595.576	548.80
LOCATION	L0001749	VOLUME	480459.043	3763590.613	549.32
LOCATION	L0001750	VOLUME	480457.514	3763586.220	549.83
LOCATION	L0001751	VOLUME	480454.520	3763582.216	550.26
LOCATION	L0001752	VOLUME	480451.526	3763578.211	550.56
LOCATION	L0001753	VOLUME	480448.532	3763574.207	551.16
LOCATION	L0001754	VOLUME	480445.538	3763570.202	551.67
LOCATION	L0001755	VOLUME	480442.544	3763566.198	552.14
LOCATION	L0001756	VOLUME	480439.550	3763562.193	552.74
LOCATION	L0001757	VOLUME	480436.556	3763558.189	553.22
LOCATION	L0001758	VOLUME	480433.562	3763554.184	553.77
LOCATION	L0001759	VOLUME	480430.568	3763550.180	554.42
LOCATION	L0001760	VOLUME	480427.574	3763546.175	554.93
LOCATION	L0001761	VOLUME	480424.580	3763542.171	555.41
LOCATION	L0001762	VOLUME	480421.586	3763538.166	555.84
LOCATION	L0001763	VOLUME	480418.592	3763534.162	556.35
LOCATION	L0001764	VOLUME	480415.598	3763530.157	556.76
LOCATION	L0001765	VOLUME	480412.604	3763526.153	557.19
LOCATION	L0001766	VOLUME	480409.610	3763522.148	557.74
LOCATION	L0001767	VOLUME	480406.616	3763518.144	558.08

End of LINE VOLUME Source ID = PAVED

** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = UNPAVED
 ** DESCRSRC Unpaved Road
 ** PREFIX
 ** Length of Side = 5.00
 ** Configuration = Adjacent
 ** Emission Rate = 0.012
 ** Vertical Dimension = 5.00
 ** SZINIT = 2.33
 ** Nodes = 11
 ** 480399.083, 3763515.535, 559.05, 0.00, 2.33
 ** 480322.637, 3763467.503, 568.35, 0.00, 2.33
 ** 480246.867, 3763487.122, 573.82, 0.00, 2.33
 ** 480190.716, 3763490.504, 579.15, 0.00, 2.33
 ** 480118.329, 3763449.237, 585.30, 0.00, 2.33
 ** 480072.326, 3763405.940, 589.43, 0.00, 2.33
 ** 480052.707, 3763413.382, 591.43, 0.00, 2.33
 ** 480047.295, 3763432.324, 591.68, 0.00, 2.33
 ** 480102.769, 3763487.122, 592.01, 0.00, 2.33
 ** 480126.447, 3763522.977, 592.63, 0.00, 2.33
 ** 480164.332, 3763673.840, 593.96, 0.00, 2.33

LOCATION	L0001768	VOLUME	480396.966	3763514.205	559.48
LOCATION	L0001769	VOLUME	480392.732	3763511.545	559.83
LOCATION	L0001770	VOLUME	480388.499	3763508.885	560.26
LOCATION	L0001771	VOLUME	480384.265	3763506.225	560.62
LOCATION	L0001772	VOLUME	480380.031	3763503.565	561.48
LOCATION	L0001773	VOLUME	480375.798	3763500.905	561.74
LOCATION	L0001774	VOLUME	480371.564	3763498.245	562.09
LOCATION	L0001775	VOLUME	480367.330	3763495.585	562.50
LOCATION	L0001776	VOLUME	480363.097	3763492.924	563.49

Appendix C – AERMOD RUN – CARBON MONOXIDE

LOCATION	L0001777	VOLUME	480358.863	3763490.264	563.70
LOCATION	L0001778	VOLUME	480354.629	3763487.604	563.96
LOCATION	L0001779	VOLUME	480350.396	3763484.944	564.59
LOCATION	L0001780	VOLUME	480346.162	3763482.284	565.57
LOCATION	L0001781	VOLUME	480341.928	3763479.624	565.97
LOCATION	L0001782	VOLUME	480337.695	3763476.964	566.30
LOCATION	L0001783	VOLUME	480333.461	3763474.304	566.72
LOCATION	L0001784	VOLUME	480329.227	3763471.644	567.24
LOCATION	L0001785	VOLUME	480324.994	3763468.984	567.84
LOCATION	L0001786	VOLUME	480320.491	3763468.058	568.24
LOCATION	L0001787	VOLUME	480315.651	3763469.312	568.44
LOCATION	L0001788	VOLUME	480310.810	3763470.565	568.73
LOCATION	L0001789	VOLUME	480305.970	3763471.818	569.06
LOCATION	L0001790	VOLUME	480301.130	3763473.072	569.44
LOCATION	L0001791	VOLUME	480296.289	3763474.325	569.83
LOCATION	L0001792	VOLUME	480291.449	3763475.578	570.30
LOCATION	L0001793	VOLUME	480286.608	3763476.831	570.81
LOCATION	L0001794	VOLUME	480281.768	3763478.085	571.21
LOCATION	L0001795	VOLUME	480276.928	3763479.338	571.61
LOCATION	L0001796	VOLUME	480272.087	3763480.591	571.98
LOCATION	L0001797	VOLUME	480267.247	3763481.845	572.19
LOCATION	L0001798	VOLUME	480262.407	3763483.098	572.45
LOCATION	L0001799	VOLUME	480257.566	3763484.351	572.82
LOCATION	L0001800	VOLUME	480252.726	3763485.605	573.38
LOCATION	L0001801	VOLUME	480247.885	3763486.858	573.88
LOCATION	L0001802	VOLUME	480242.926	3763487.359	574.27
LOCATION	L0001803	VOLUME	480237.935	3763487.660	574.64
LOCATION	L0001804	VOLUME	480232.944	3763487.960	575.07
LOCATION	L0001805	VOLUME	480227.953	3763488.261	575.49
LOCATION	L0001806	VOLUME	480222.962	3763488.562	575.84
LOCATION	L0001807	VOLUME	480217.971	3763488.862	576.22
LOCATION	L0001808	VOLUME	480212.980	3763489.163	576.62
LOCATION	L0001809	VOLUME	480207.990	3763489.464	577.11
LOCATION	L0001810	VOLUME	480202.999	3763489.764	577.63
LOCATION	L0001811	VOLUME	480198.008	3763490.065	578.22
LOCATION	L0001812	VOLUME	480193.017	3763490.366	578.86
LOCATION	L0001813	VOLUME	480188.375	3763489.169	579.28
LOCATION	L0001814	VOLUME	480184.031	3763486.693	579.31
LOCATION	L0001815	VOLUME	480179.687	3763484.217	579.52
LOCATION	L0001816	VOLUME	480175.343	3763481.740	579.99
LOCATION	L0001817	VOLUME	480171.000	3763479.264	580.43
LOCATION	L0001818	VOLUME	480166.656	3763476.788	580.77
LOCATION	L0001819	VOLUME	480162.312	3763474.311	581.03
LOCATION	L0001820	VOLUME	480157.969	3763471.835	581.47
LOCATION	L0001821	VOLUME	480153.625	3763469.359	581.90
LOCATION	L0001822	VOLUME	480149.281	3763466.882	582.33
LOCATION	L0001823	VOLUME	480144.938	3763464.406	582.64
LOCATION	L0001824	VOLUME	480140.594	3763461.930	583.06
LOCATION	L0001825	VOLUME	480136.250	3763459.453	583.45
LOCATION	L0001826	VOLUME	480131.906	3763456.977	583.94
LOCATION	L0001827	VOLUME	480127.563	3763454.501	584.28
LOCATION	L0001828	VOLUME	480123.219	3763452.024	584.76
LOCATION	L0001829	VOLUME	480118.875	3763449.548	585.17
LOCATION	L0001830	VOLUME	480115.146	3763446.241	585.63
LOCATION	L0001831	VOLUME	480111.505	3763442.814	585.92
LOCATION	L0001832	VOLUME	480107.864	3763439.387	586.55
LOCATION	L0001833	VOLUME	480104.223	3763435.960	586.93
LOCATION	L0001834	VOLUME	480100.582	3763432.533	586.99
LOCATION	L0001835	VOLUME	480096.941	3763429.107	587.30
LOCATION	L0001836	VOLUME	480093.300	3763425.680	587.85
LOCATION	L0001837	VOLUME	480089.659	3763422.253	588.09
LOCATION	L0001838	VOLUME	480086.018	3763418.826	588.55
LOCATION	L0001839	VOLUME	480082.377	3763415.399	589.36
LOCATION	L0001840	VOLUME	480078.736	3763411.973	589.36
LOCATION	L0001841	VOLUME	480075.095	3763408.546	589.67
LOCATION	L0001842	VOLUME	480071.206	3763406.365	590.28
LOCATION	L0001843	VOLUME	480066.531	3763408.138	591.02
LOCATION	L0001844	VOLUME	480061.856	3763409.911	591.20

Appendix C – AERMOD RUN – CARBON MONOXIDE

LOCATION	L0001845	VOLUME	480057.181	3763411.685	591.41
LOCATION	L0001846	VOLUME	480052.648	3763413.588	591.57
LOCATION	L0001847	VOLUME	480051.275	3763418.396	591.69
LOCATION	L0001848	VOLUME	480049.901	3763423.204	591.74
LOCATION	L0001849	VOLUME	480048.527	3763428.011	591.72
LOCATION	L0001850	VOLUME	480047.661	3763432.686	591.70
LOCATION	L0001851	VOLUME	480051.219	3763436.199	591.73
LOCATION	L0001852	VOLUME	480054.776	3763439.713	591.73
LOCATION	L0001853	VOLUME	480058.333	3763443.227	591.70
LOCATION	L0001854	VOLUME	480061.890	3763446.741	591.71
LOCATION	L0001855	VOLUME	480065.447	3763450.255	591.73
LOCATION	L0001856	VOLUME	480069.004	3763453.768	591.75
LOCATION	L0001857	VOLUME	480072.562	3763457.282	591.78
LOCATION	L0001858	VOLUME	480076.119	3763460.796	591.78
LOCATION	L0001859	VOLUME	480079.676	3763464.310	591.88
LOCATION	L0001860	VOLUME	480083.233	3763467.823	592.03
LOCATION	L0001861	VOLUME	480086.790	3763471.337	591.93
LOCATION	L0001862	VOLUME	480090.347	3763474.851	592.11
LOCATION	L0001863	VOLUME	480093.904	3763478.365	592.14
LOCATION	L0001864	VOLUME	480097.462	3763481.879	592.12
LOCATION	L0001865	VOLUME	480101.019	3763485.392	592.37
LOCATION	L0001866	VOLUME	480104.169	3763489.241	592.30
LOCATION	L0001867	VOLUME	480106.924	3763493.413	592.39
LOCATION	L0001868	VOLUME	480109.679	3763497.585	592.56
LOCATION	L0001869	VOLUME	480112.435	3763501.758	592.61
LOCATION	L0001870	VOLUME	480115.190	3763505.930	592.80
LOCATION	L0001871	VOLUME	480117.945	3763510.102	592.80
LOCATION	L0001872	VOLUME	480120.701	3763514.275	592.69
LOCATION	L0001873	VOLUME	480123.456	3763518.447	592.65
LOCATION	L0001874	VOLUME	480126.211	3763522.619	592.64
LOCATION	L0001875	VOLUME	480127.561	3763527.411	592.62
LOCATION	L0001876	VOLUME	480128.779	3763532.260	592.66
LOCATION	L0001877	VOLUME	480129.996	3763537.109	592.72
LOCATION	L0001878	VOLUME	480131.214	3763541.959	592.86
LOCATION	L0001879	VOLUME	480132.432	3763546.808	593.00
LOCATION	L0001880	VOLUME	480133.650	3763551.658	593.07
LOCATION	L0001881	VOLUME	480134.868	3763556.507	593.13
LOCATION	L0001882	VOLUME	480136.085	3763561.357	593.21
LOCATION	L0001883	VOLUME	480137.303	3763566.206	593.28
LOCATION	L0001884	VOLUME	480138.521	3763571.055	593.33
LOCATION	L0001885	VOLUME	480139.739	3763575.905	593.39
LOCATION	L0001886	VOLUME	480140.957	3763580.754	593.43
LOCATION	L0001887	VOLUME	480142.174	3763585.604	593.43
LOCATION	L0001888	VOLUME	480143.392	3763590.453	593.47
LOCATION	L0001889	VOLUME	480144.610	3763595.303	593.55
LOCATION	L0001890	VOLUME	480145.828	3763600.152	593.65
LOCATION	L0001891	VOLUME	480147.046	3763605.001	593.77
LOCATION	L0001892	VOLUME	480148.263	3763609.851	593.88
LOCATION	L0001893	VOLUME	480149.481	3763614.700	593.99
LOCATION	L0001894	VOLUME	480150.699	3763619.550	594.15
LOCATION	L0001895	VOLUME	480151.917	3763624.399	594.23
LOCATION	L0001896	VOLUME	480153.134	3763629.249	594.28
LOCATION	L0001897	VOLUME	480154.352	3763634.098	594.39
LOCATION	L0001898	VOLUME	480155.570	3763638.947	594.51
LOCATION	L0001899	VOLUME	480156.788	3763643.797	594.73
LOCATION	L0001900	VOLUME	480158.006	3763648.646	594.99
LOCATION	L0001901	VOLUME	480159.223	3763653.496	595.02
LOCATION	L0001902	VOLUME	480160.441	3763658.345	594.98
LOCATION	L0001903	VOLUME	480161.659	3763663.195	594.74
LOCATION	L0001904	VOLUME	480162.877	3763668.044	594.31
LOCATION	L0001905	VOLUME	480164.095	3763672.893	593.62
** End of LINE VOLUME Source ID = UNPAVED					
LOCATION	FLARE1	POINT	480412.850	3764105.970	478.460
** Source Parameters **					
SRCPARAM	EQUIPMENT	1.539E-07	1.524	12	5.000
AREAVERT	EQUIPMENT	480099.949	3764044.905	479927.544	3763799.910
AREAVERT	EQUIPMENT	479942.667	3763600.283	479612.982	3763582.136
AREAVERT	EQUIPMENT	479546.440	3763524.667	479780.458	3763095.952

Appendix C – AERMOD RUN – CARBON MONOXIDE

AREAVERT	EQUIPMENT	480011.546	3763159.246	480198.584	3763204.502
AREAVERT	EQUIPMENT	480458.498	3763342.425	480481.053	3763603.308
AREAVERT	EQUIPMENT	480281.427	3764041.881	480160.441	3764087.250
**	LINE VOLUME Source ID	=	PAVED		
SRCPARAM	L0001525	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001526	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001527	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001528	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001529	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001530	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001531	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001532	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001533	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001534	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001535	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001536	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001537	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001538	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001539	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001540	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001541	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001542	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001543	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001544	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001545	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001546	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001547	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001548	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001549	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001550	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001551	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001552	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001553	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001554	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001555	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001556	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001557	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001558	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001559	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001560	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001561	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001562	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001563	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001564	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001565	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001566	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001567	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001568	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001569	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001570	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001571	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001572	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001573	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001574	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001575	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001576	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001577	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001578	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001579	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001580	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001581	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001582	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001583	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001584	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001585	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001586	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001587	0.0001152263	0.00	2.33	2.33
SRCPARAM	L0001588	0.0001152263	0.00	2.33	2.33

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

SRCPARAM	L0001859	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001860	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001861	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001862	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001863	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001864	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001865	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001866	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001867	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001868	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001869	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001870	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001871	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001872	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001873	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001874	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001875	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001876	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001877	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001878	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001879	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001880	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001881	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001882	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001883	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001884	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001885	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001886	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001887	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001888	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001889	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001890	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001891	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001892	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001893	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001894	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001895	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001896	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001897	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001898	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001899	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001900	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001901	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001902	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001903	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001904	0.0000869565	0.00	2.33	2.33
SRCPARAM	L0001905	0.0000869565	0.00	2.33	2.33

**-----

SRCPARAM	FLARE1	0.024868	12.192	1033.150	0.16800	2.743
URBANSRC	ALL					

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

** Variable Emission Scenario: "Scenario 1"

EMISFACT	EQUIPMENT	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	EQUIPMENT	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	EQUIPMENT	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	EQUIPMENT	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001525	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001525	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001525	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001525	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001526	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001526	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001526	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001526	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001527	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001527	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001527	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

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Appendix C – AERMOD RUN – CARBON MONOXIDE

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Appendix C – AERMOD RUN – CARBON MONOXIDE

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Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

[illegible]

Appendix C – AERMOD RUN – CARBON MONOXIDE

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EMISFACT L0001901      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001902      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001902      HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001902      HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001902      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001903      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001903      HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001903      HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001903      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001904      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001904      HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001904      HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001904      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001905      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001905      HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001905      HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001905      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED STSL_CO.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE Met\RDLD_v9.SFC
  PROFFILE Met\RDLD_v9.PFL
  SURFDATA 3171 2012
  UAIRDATA 3190 2012
  SITEDATA 99999 2012
  PROFBASE 481.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST 8TH
  RECTABLE 8 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST STSL_CO.AD\01H1GALL.PLT 31
  PLOTFILE 8 ALL 1ST STSL_CO.AD\08H1GALL.PLT 32
  PLOTFILE 1 ALL 8TH STSL_CO.AD\01H8GALL.PLT 33
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)

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Appendix C – AERMOD RUN – CARBON MONOXIDE

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

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***** WARNING MESSAGES *****  
ME W186 2421 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50  
ME W187 2421 MEOPEN: ADJ_U* Option for Low Winds used in AERMET  
  
*****  
*** SETUP Finishes Successfully ***  
*****
```

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 1

*** MODEL SETUP OPTIONS SUMMARY ***
- - - - -

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

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

**Model Uses Urban Dispersion Algorithm for the SBL for 383 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m

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

**Other Options Specified:
ADJ_U* - Use ADJ_U* BETA option for SBL in AERMET
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: CARBMON

**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

**This Run Includes: 383 Source(s); 1 Source Group(s); and 19 Receptor(s)

with: 1 POINT(s), including
      0 POINTCAP(s) and 0 POINTHOR(s)
and: 381 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
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) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.9 MB of RAM.

**Detailed Error/Message File: STSL_CO.err

```

Appendix C – AERMOD RUN – CARBON MONOXIDE

```

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 2

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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART.	EMISSION RATE (GRAMS/SEC) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
FLARE1	0	0.24868E-01	480412.8	3764106.0	478.5	12.19	1033.15	0.17	2.74	NO	YES	NO	

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001525	0	0.11523E-03	480446.9	3764057.9	477.9	0.00	2.33	2.33	YES	HROFDY
L0001526	0	0.11523E-03	480442.5	3764060.1	478.0	0.00	2.33	2.33	YES	HROFDY
L0001527	0	0.11523E-03	480438.0	3764062.4	477.9	0.00	2.33	2.33	YES	HROFDY
L0001528	0	0.11523E-03	480433.5	3764064.7	477.9	0.00	2.33	2.33	YES	HROFDY
L0001529	0	0.11523E-03	480429.1	3764066.9	477.9	0.00	2.33	2.33	YES	HROFDY
L0001530	0	0.11523E-03	480424.6	3764069.2	477.9	0.00	2.33	2.33	YES	HROFDY
L0001531	0	0.11523E-03	480420.2	3764071.4	477.8	0.00	2.33	2.33	YES	HROFDY
L0001532	0	0.11523E-03	480415.7	3764073.7	477.8	0.00	2.33	2.33	YES	HROFDY
L0001533	0	0.11523E-03	480411.2	3764076.0	477.7	0.00	2.33	2.33	YES	HROFDY
L0001534	0	0.11523E-03	480406.8	3764078.2	477.6	0.00	2.33	2.33	YES	HROFDY
L0001535	0	0.11523E-03	480402.3	3764080.5	477.6	0.00	2.33	2.33	YES	HROFDY
L0001536	0	0.11523E-03	480397.9	3764082.8	477.7	0.00	2.33	2.33	YES	HROFDY
L0001537	0	0.11523E-03	480393.4	3764085.0	477.7	0.00	2.33	2.33	YES	HROFDY
L0001538	0	0.11523E-03	480388.9	3764087.3	477.8	0.00	2.33	2.33	YES	HROFDY
L0001539	0	0.11523E-03	480384.5	3764089.5	477.9	0.00	2.33	2.33	YES	HROFDY
L0001540	0	0.11523E-03	480380.0	3764091.8	478.2	0.00	2.33	2.33	YES	HROFDY
L0001541	0	0.11523E-03	480375.6	3764094.1	478.7	0.00	2.33	2.33	YES	HROFDY
L0001542	0	0.11523E-03	480371.1	3764096.3	478.9	0.00	2.33	2.33	YES	HROFDY
L0001543	0	0.11523E-03	480366.6	3764098.6	478.9	0.00	2.33	2.33	YES	HROFDY
L0001544	0	0.11523E-03	480362.2	3764100.8	479.3	0.00	2.33	2.33	YES	HROFDY
L0001545	0	0.11523E-03	480357.7	3764103.1	480.0	0.00	2.33	2.33	YES	HROFDY
L0001546	0	0.11523E-03	480353.3	3764105.4	480.4	0.00	2.33	2.33	YES	HROFDY
L0001547	0	0.11523E-03	480349.0	3764108.0	480.5	0.00	2.33	2.33	YES	HROFDY
L0001548	0	0.11523E-03	480344.7	3764110.5	481.0	0.00	2.33	2.33	YES	HROFDY
L0001549	0	0.11523E-03	480340.3	3764113.0	481.7	0.00	2.33	2.33	YES	HROFDY
L0001550	0	0.11523E-03	480336.0	3764115.5	482.1	0.00	2.33	2.33	YES	HROFDY
L0001551	0	0.11523E-03	480331.7	3764118.0	482.4	0.00	2.33	2.33	YES	HROFDY
L0001552	0	0.11523E-03	480327.4	3764120.6	482.9	0.00	2.33	2.33	YES	HROFDY
L0001553	0	0.11523E-03	480323.1	3764123.1	483.2	0.00	2.33	2.33	YES	HROFDY
L0001554	0	0.11523E-03	480318.8	3764125.6	483.6	0.00	2.33	2.33	YES	HROFDY
L0001555	0	0.11523E-03	480314.4	3764128.1	484.2	0.00	2.33	2.33	YES	HROFDY
L0001556	0	0.11523E-03	480310.1	3764130.6	484.8	0.00	2.33	2.33	YES	HROFDY
L0001557	0	0.11523E-03	480305.8	3764133.1	485.2	0.00	2.33	2.33	YES	HROFDY
L0001558	0	0.11523E-03	480301.5	3764135.7	486.1	0.00	2.33	2.33	YES	HROFDY
L0001559	0	0.11523E-03	480297.2	3764138.2	486.7	0.00	2.33	2.33	YES	HROFDY
L0001560	0	0.11523E-03	480292.8	3764140.7	486.8	0.00	2.33	2.33	YES	HROFDY
L0001561	0	0.11523E-03	480288.5	3764143.2	486.9	0.00	2.33	2.33	YES	HROFDY
L0001562	0	0.11523E-03	480284.2	3764145.7	487.7	0.00	2.33	2.33	YES	HROFDY
L0001563	0	0.11523E-03	480279.9	3764148.3	488.2	0.00	2.33	2.33	YES	HROFDY
L0001564	0	0.11523E-03	480275.6	3764150.8	488.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 4

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001565	0	0.11523E-03	480271.2	3764153.3	488.4	0.00	2.33	2.33	YES	HROFDY
L0001566	0	0.11523E-03	480266.9	3764155.8	488.8	0.00	2.33	2.33	YES	HROFDY
L0001567	0	0.11523E-03	480262.6	3764158.3	489.3	0.00	2.33	2.33	YES	HROFDY
L0001568	0	0.11523E-03	480258.3	3764160.9	489.8	0.00	2.33	2.33	YES	HROFDY
L0001569	0	0.11523E-03	480253.5	3764161.6	490.2	0.00	2.33	2.33	YES	HROFDY
L0001570	0	0.11523E-03	480248.5	3764161.5	490.7	0.00	2.33	2.33	YES	HROFDY
L0001571	0	0.11523E-03	480243.5	3764161.5	491.2	0.00	2.33	2.33	YES	HROFDY
L0001572	0	0.11523E-03	480238.5	3764161.4	491.7	0.00	2.33	2.33	YES	HROFDY
L0001573	0	0.11523E-03	480233.5	3764161.4	492.2	0.00	2.33	2.33	YES	HROFDY
L0001574	0	0.11523E-03	480228.5	3764161.3	492.6	0.00	2.33	2.33	YES	HROFDY
L0001575	0	0.11523E-03	480223.5	3764161.3	493.0	0.00	2.33	2.33	YES	HROFDY
L0001576	0	0.11523E-03	480218.5	3764161.2	493.5	0.00	2.33	2.33	YES	HROFDY
L0001577	0	0.11523E-03	480213.5	3764161.2	494.0	0.00	2.33	2.33	YES	HROFDY
L0001578	0	0.11523E-03	480208.5	3764161.1	494.4	0.00	2.33	2.33	YES	HROFDY
L0001579	0	0.11523E-03	480203.5	3764161.1	494.9	0.00	2.33	2.33	YES	HROFDY
L0001580	0	0.11523E-03	480198.5	3764161.0	495.3	0.00	2.33	2.33	YES	HROFDY
L0001581	0	0.11523E-03	480193.5	3764161.0	495.8	0.00	2.33	2.33	YES	HROFDY
L0001582	0	0.11523E-03	480188.5	3764160.9	496.2	0.00	2.33	2.33	YES	HROFDY
L0001583	0	0.11523E-03	480183.5	3764160.9	496.6	0.00	2.33	2.33	YES	HROFDY
L0001584	0	0.11523E-03	480178.5	3764160.8	497.1	0.00	2.33	2.33	YES	HROFDY
L0001585	0	0.11523E-03	480173.5	3764160.8	497.5	0.00	2.33	2.33	YES	HROFDY
L0001586	0	0.11523E-03	480168.5	3764160.7	498.0	0.00	2.33	2.33	YES	HROFDY
L0001587	0	0.11523E-03	480163.5	3764160.6	498.4	0.00	2.33	2.33	YES	HROFDY
L0001588	0	0.11523E-03	480158.5	3764160.6	498.8	0.00	2.33	2.33	YES	HROFDY
L0001589	0	0.11523E-03	480153.5	3764160.5	499.2	0.00	2.33	2.33	YES	HROFDY
L0001590	0	0.11523E-03	480148.5	3764160.5	499.6	0.00	2.33	2.33	YES	HROFDY
L0001591	0	0.11523E-03	480143.5	3764160.4	499.9	0.00	2.33	2.33	YES	HROFDY
L0001592	0	0.11523E-03	480138.5	3764160.4	500.2	0.00	2.33	2.33	YES	HROFDY
L0001593	0	0.11523E-03	480133.5	3764160.3	500.6	0.00	2.33	2.33	YES	HROFDY
L0001594	0	0.11523E-03	480128.5	3764160.3	501.0	0.00	2.33	2.33	YES	HROFDY
L0001595	0	0.11523E-03	480123.9	3764159.2	501.4	0.00	2.33	2.33	YES	HROFDY
L0001596	0	0.11523E-03	480120.3	3764155.8	501.7	0.00	2.33	2.33	YES	HROFDY
L0001597	0	0.11523E-03	480116.6	3764152.4	502.2	0.00	2.33	2.33	YES	HROFDY
L0001598	0	0.11523E-03	480112.9	3764149.0	502.8	0.00	2.33	2.33	YES	HROFDY
L0001599	0	0.11523E-03	480109.2	3764145.6	503.1	0.00	2.33	2.33	YES	HROFDY
L0001600	0	0.11523E-03	480105.6	3764142.2	503.6	0.00	2.33	2.33	YES	HROFDY
L0001601	0	0.11523E-03	480101.9	3764138.8	504.0	0.00	2.33	2.33	YES	HROFDY
L0001602	0	0.11523E-03	480098.2	3764135.4	504.5	0.00	2.33	2.33	YES	HROFDY
L0001603	0	0.11523E-03	480094.6	3764132.0	505.0	0.00	2.33	2.33	YES	HROFDY
L0001604	0	0.11523E-03	480090.9	3764128.6	505.4	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 5

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001605	0	0.11523E-03	480088.6	3764124.6	505.7	0.00	2.33	2.33	YES	HROFDY
L0001606	0	0.11523E-03	480088.9	3764119.6	506.1	0.00	2.33	2.33	YES	HROFDY
L0001607	0	0.11523E-03	480089.1	3764114.6	506.4	0.00	2.33	2.33	YES	HROFDY
L0001608	0	0.11523E-03	480089.3	3764109.6	506.8	0.00	2.33	2.33	YES	HROFDY
L0001609	0	0.11523E-03	480089.6	3764104.6	507.2	0.00	2.33	2.33	YES	HROFDY
L0001610	0	0.11523E-03	480089.8	3764099.6	507.6	0.00	2.33	2.33	YES	HROFDY
L0001611	0	0.11523E-03	480090.0	3764094.7	507.9	0.00	2.33	2.33	YES	HROFDY
L0001612	0	0.11523E-03	480090.2	3764089.7	508.3	0.00	2.33	2.33	YES	HROFDY
L0001613	0	0.11523E-03	480090.5	3764084.7	508.6	0.00	2.33	2.33	YES	HROFDY
L0001614	0	0.11523E-03	480092.2	3764080.4	508.9	0.00	2.33	2.33	YES	HROFDY
L0001615	0	0.11523E-03	480095.9	3764077.0	509.2	0.00	2.33	2.33	YES	HROFDY
L0001616	0	0.11523E-03	480099.6	3764073.7	509.5	0.00	2.33	2.33	YES	HROFDY
L0001617	0	0.11523E-03	480103.3	3764070.3	509.9	0.00	2.33	2.33	YES	HROFDY
L0001618	0	0.11523E-03	480107.0	3764067.0	510.2	0.00	2.33	2.33	YES	HROFDY
L0001619	0	0.11523E-03	480110.7	3764063.6	510.5	0.00	2.33	2.33	YES	HROFDY
L0001620	0	0.11523E-03	480114.4	3764060.3	510.9	0.00	2.33	2.33	YES	HROFDY
L0001621	0	0.11523E-03	480118.1	3764056.9	511.2	0.00	2.33	2.33	YES	HROFDY
L0001622	0	0.11523E-03	480123.0	3764057.3	511.4	0.00	2.33	2.33	YES	HROFDY
L0001623	0	0.11523E-03	480128.0	3764057.9	511.7	0.00	2.33	2.33	YES	HROFDY
L0001624	0	0.11523E-03	480133.0	3764058.5	512.0	0.00	2.33	2.33	YES	HROFDY
L0001625	0	0.11523E-03	480137.9	3764059.1	512.3	0.00	2.33	2.33	YES	HROFDY
L0001626	0	0.11523E-03	480142.9	3764059.6	512.7	0.00	2.33	2.33	YES	HROFDY
L0001627	0	0.11523E-03	480147.9	3764060.2	513.1	0.00	2.33	2.33	YES	HROFDY
L0001628	0	0.11523E-03	480152.8	3764060.8	513.4	0.00	2.33	2.33	YES	HROFDY
L0001629	0	0.11523E-03	480157.8	3764061.4	513.7	0.00	2.33	2.33	YES	HROFDY
L0001630	0	0.11523E-03	480162.8	3764062.0	514.1	0.00	2.33	2.33	YES	HROFDY
L0001631	0	0.11523E-03	480167.7	3764062.6	514.6	0.00	2.33	2.33	YES	HROFDY
L0001632	0	0.11523E-03	480172.7	3764063.1	515.0	0.00	2.33	2.33	YES	HROFDY
L0001633	0	0.11523E-03	480177.7	3764063.7	515.3	0.00	2.33	2.33	YES	HROFDY
L0001634	0	0.11523E-03	480182.6	3764064.3	515.5	0.00	2.33	2.33	YES	HROFDY
L0001635	0	0.11523E-03	480187.6	3764064.8	515.6	0.00	2.33	2.33	YES	HROFDY
L0001636	0	0.11523E-03	480192.4	3764063.4	516.0	0.00	2.33	2.33	YES	HROFDY
L0001637	0	0.11523E-03	480197.2	3764062.1	516.3	0.00	2.33	2.33	YES	HROFDY
L0001638	0	0.11523E-03	480202.0	3764060.8	516.6	0.00	2.33	2.33	YES	HROFDY
L0001639	0	0.11523E-03	480206.9	3764059.4	516.9	0.00	2.33	2.33	YES	HROFDY
L0001640	0	0.11523E-03	480211.7	3764058.1	517.3	0.00	2.33	2.33	YES	HROFDY
L0001641	0	0.11523E-03	480216.5	3764056.7	517.6	0.00	2.33	2.33	YES	HROFDY
L0001642	0	0.11523E-03	480221.3	3764055.4	517.8	0.00	2.33	2.33	YES	HROFDY
L0001643	0	0.11523E-03	480226.1	3764054.0	518.2	0.00	2.33	2.33	YES	HROFDY
L0001644	0	0.11523E-03	480230.9	3764052.7	518.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 *** ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 6

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001645	0	0.11523E-03	480234.7	3764049.9	518.7	0.00	2.33	2.33	YES	HROFDY
L0001646	0	0.11523E-03	480237.4	3764045.7	519.1	0.00	2.33	2.33	YES	HROFDY
L0001647	0	0.11523E-03	480240.0	3764041.5	519.4	0.00	2.33	2.33	YES	HROFDY
L0001648	0	0.11523E-03	480242.7	3764037.2	519.7	0.00	2.33	2.33	YES	HROFDY
L0001649	0	0.11523E-03	480245.4	3764033.0	520.0	0.00	2.33	2.33	YES	HROFDY
L0001650	0	0.11523E-03	480248.1	3764028.8	520.5	0.00	2.33	2.33	YES	HROFDY
L0001651	0	0.11523E-03	480250.8	3764024.6	521.1	0.00	2.33	2.33	YES	HROFDY
L0001652	0	0.11523E-03	480253.5	3764020.4	521.4	0.00	2.33	2.33	YES	HROFDY
L0001653	0	0.11523E-03	480256.1	3764016.1	521.9	0.00	2.33	2.33	YES	HROFDY
L0001654	0	0.11523E-03	480258.8	3764011.9	522.4	0.00	2.33	2.33	YES	HROFDY
L0001655	0	0.11523E-03	480261.5	3764007.7	522.8	0.00	2.33	2.33	YES	HROFDY
L0001656	0	0.11523E-03	480264.2	3764003.5	523.2	0.00	2.33	2.33	YES	HROFDY
L0001657	0	0.11523E-03	480266.9	3763999.3	523.7	0.00	2.33	2.33	YES	HROFDY
L0001658	0	0.11523E-03	480269.6	3763995.0	524.2	0.00	2.33	2.33	YES	HROFDY
L0001659	0	0.11523E-03	480272.2	3763990.8	524.2	0.00	2.33	2.33	YES	HROFDY
L0001660	0	0.11523E-03	480274.9	3763986.6	524.6	0.00	2.33	2.33	YES	HROFDY
L0001661	0	0.11523E-03	480277.6	3763982.4	525.0	0.00	2.33	2.33	YES	HROFDY
L0001662	0	0.11523E-03	480280.3	3763978.2	524.7	0.00	2.33	2.33	YES	HROFDY
L0001663	0	0.11523E-03	480283.0	3763974.0	525.2	0.00	2.33	2.33	YES	HROFDY
L0001664	0	0.11523E-03	480285.7	3763969.7	525.6	0.00	2.33	2.33	YES	HROFDY
L0001665	0	0.11523E-03	480288.3	3763965.5	525.8	0.00	2.33	2.33	YES	HROFDY
L0001666	0	0.11523E-03	480291.0	3763961.3	525.9	0.00	2.33	2.33	YES	HROFDY
L0001667	0	0.11523E-03	480293.7	3763957.1	526.2	0.00	2.33	2.33	YES	HROFDY
L0001668	0	0.11523E-03	480296.4	3763952.9	526.3	0.00	2.33	2.33	YES	HROFDY
L0001669	0	0.11523E-03	480299.1	3763948.6	526.3	0.00	2.33	2.33	YES	HROFDY
L0001670	0	0.11523E-03	480301.8	3763944.4	526.8	0.00	2.33	2.33	YES	HROFDY
L0001671	0	0.11523E-03	480304.4	3763940.2	527.1	0.00	2.33	2.33	YES	HROFDY
L0001672	0	0.11523E-03	480307.1	3763936.0	527.1	0.00	2.33	2.33	YES	HROFDY
L0001673	0	0.11523E-03	480309.8	3763931.8	527.5	0.00	2.33	2.33	YES	HROFDY
L0001674	0	0.11523E-03	480312.5	3763927.5	527.8	0.00	2.33	2.33	YES	HROFDY
L0001675	0	0.11523E-03	480315.2	3763923.3	527.9	0.00	2.33	2.33	YES	HROFDY
L0001676	0	0.11523E-03	480317.9	3763919.1	528.2	0.00	2.33	2.33	YES	HROFDY
L0001677	0	0.11523E-03	480320.5	3763914.9	528.4	0.00	2.33	2.33	YES	HROFDY
L0001678	0	0.11523E-03	480323.2	3763910.7	528.7	0.00	2.33	2.33	YES	HROFDY
L0001679	0	0.11523E-03	480325.9	3763906.4	529.1	0.00	2.33	2.33	YES	HROFDY
L0001680	0	0.11523E-03	480327.7	3763901.8	529.4	0.00	2.33	2.33	YES	HROFDY
L0001681	0	0.11523E-03	480329.2	3763897.0	529.5	0.00	2.33	2.33	YES	HROFDY
L0001682	0	0.11523E-03	480330.6	3763892.3	529.8	0.00	2.33	2.33	YES	HROFDY
L0001683	0	0.11523E-03	480332.1	3763887.5	530.1	0.00	2.33	2.33	YES	HROFDY
L0001684	0	0.11523E-03	480333.5	3763882.7	530.4	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 7

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001685	0	0.11523E-03	480334.9	3763877.9	530.8	0.00	2.33	2.33	YES	HROFDY
L0001686	0	0.11523E-03	480336.4	3763873.1	531.1	0.00	2.33	2.33	YES	HROFDY
L0001687	0	0.11523E-03	480337.8	3763868.3	531.2	0.00	2.33	2.33	YES	HROFDY
L0001688	0	0.11523E-03	480339.3	3763863.5	531.4	0.00	2.33	2.33	YES	HROFDY
L0001689	0	0.11523E-03	480340.7	3763858.8	531.7	0.00	2.33	2.33	YES	HROFDY
L0001690	0	0.11523E-03	480342.2	3763854.0	532.3	0.00	2.33	2.33	YES	HROFDY
L0001691	0	0.11523E-03	480343.6	3763849.2	532.6	0.00	2.33	2.33	YES	HROFDY
L0001692	0	0.11523E-03	480345.1	3763844.4	532.8	0.00	2.33	2.33	YES	HROFDY
L0001693	0	0.11523E-03	480346.5	3763839.6	533.0	0.00	2.33	2.33	YES	HROFDY
L0001694	0	0.11523E-03	480348.0	3763834.8	533.0	0.00	2.33	2.33	YES	HROFDY
L0001695	0	0.11523E-03	480349.4	3763830.0	533.3	0.00	2.33	2.33	YES	HROFDY
L0001696	0	0.11523E-03	480350.9	3763825.2	534.1	0.00	2.33	2.33	YES	HROFDY
L0001697	0	0.11523E-03	480352.3	3763820.5	534.6	0.00	2.33	2.33	YES	HROFDY
L0001698	0	0.11523E-03	480353.7	3763815.7	534.9	0.00	2.33	2.33	YES	HROFDY
L0001699	0	0.11523E-03	480355.2	3763810.9	535.1	0.00	2.33	2.33	YES	HROFDY
L0001700	0	0.11523E-03	480356.6	3763806.1	535.0	0.00	2.33	2.33	YES	HROFDY
L0001701	0	0.11523E-03	480358.1	3763801.3	535.1	0.00	2.33	2.33	YES	HROFDY
L0001702	0	0.11523E-03	480359.5	3763796.5	535.7	0.00	2.33	2.33	YES	HROFDY
L0001703	0	0.11523E-03	480361.0	3763791.7	536.0	0.00	2.33	2.33	YES	HROFDY
L0001704	0	0.11523E-03	480362.4	3763787.0	536.3	0.00	2.33	2.33	YES	HROFDY
L0001705	0	0.11523E-03	480363.9	3763782.2	536.5	0.00	2.33	2.33	YES	HROFDY
L0001706	0	0.11523E-03	480365.3	3763777.4	536.7	0.00	2.33	2.33	YES	HROFDY
L0001707	0	0.11523E-03	480367.6	3763773.0	536.8	0.00	2.33	2.33	YES	HROFDY
L0001708	0	0.11523E-03	480370.6	3763769.0	537.4	0.00	2.33	2.33	YES	HROFDY
L0001709	0	0.11523E-03	480373.5	3763764.9	537.6	0.00	2.33	2.33	YES	HROFDY
L0001710	0	0.11523E-03	480376.5	3763760.9	537.9	0.00	2.33	2.33	YES	HROFDY
L0001711	0	0.11523E-03	480379.4	3763756.9	538.4	0.00	2.33	2.33	YES	HROFDY
L0001712	0	0.11523E-03	480382.4	3763752.8	538.5	0.00	2.33	2.33	YES	HROFDY
L0001713	0	0.11523E-03	480385.3	3763748.8	539.0	0.00	2.33	2.33	YES	HROFDY
L0001714	0	0.11523E-03	480388.3	3763744.8	539.3	0.00	2.33	2.33	YES	HROFDY
L0001715	0	0.11523E-03	480391.2	3763740.7	539.4	0.00	2.33	2.33	YES	HROFDY
L0001716	0	0.11523E-03	480394.2	3763736.7	539.9	0.00	2.33	2.33	YES	HROFDY
L0001717	0	0.11523E-03	480397.1	3763732.7	540.2	0.00	2.33	2.33	YES	HROFDY
L0001718	0	0.11523E-03	480400.1	3763728.6	540.1	0.00	2.33	2.33	YES	HROFDY
L0001719	0	0.11523E-03	480403.0	3763724.6	540.3	0.00	2.33	2.33	YES	HROFDY
L0001720	0	0.11523E-03	480406.0	3763720.5	540.7	0.00	2.33	2.33	YES	HROFDY
L0001721	0	0.11523E-03	480408.9	3763716.5	541.0	0.00	2.33	2.33	YES	HROFDY
L0001722	0	0.11523E-03	480411.9	3763712.5	541.3	0.00	2.33	2.33	YES	HROFDY
L0001723	0	0.11523E-03	480414.8	3763708.4	541.6	0.00	2.33	2.33	YES	HROFDY
L0001724	0	0.11523E-03	480417.8	3763704.4	541.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 8

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001725	0	0.11523E-03	480420.7	3763700.4	542.1	0.00	2.33	2.33	YES	HROFDY
L0001726	0	0.11523E-03	480423.7	3763696.3	542.4	0.00	2.33	2.33	YES	HROFDY
L0001727	0	0.11523E-03	480426.6	3763692.3	542.5	0.00	2.33	2.33	YES	HROFDY
L0001728	0	0.11523E-03	480429.6	3763688.3	543.0	0.00	2.33	2.33	YES	HROFDY
L0001729	0	0.11523E-03	480432.5	3763684.2	543.3	0.00	2.33	2.33	YES	HROFDY
L0001730	0	0.11523E-03	480435.5	3763680.2	543.3	0.00	2.33	2.33	YES	HROFDY
L0001731	0	0.11523E-03	480438.4	3763676.1	543.8	0.00	2.33	2.33	YES	HROFDY
L0001732	0	0.11523E-03	480441.4	3763672.1	544.0	0.00	2.33	2.33	YES	HROFDY
L0001733	0	0.11523E-03	480444.3	3763668.1	544.1	0.00	2.33	2.33	YES	HROFDY
L0001734	0	0.11523E-03	480447.3	3763664.0	544.3	0.00	2.33	2.33	YES	HROFDY
L0001735	0	0.11523E-03	480450.2	3763660.0	544.6	0.00	2.33	2.33	YES	HROFDY
L0001736	0	0.11523E-03	480451.1	3763655.1	544.9	0.00	2.33	2.33	YES	HROFDY
L0001737	0	0.11523E-03	480451.7	3763650.2	545.2	0.00	2.33	2.33	YES	HROFDY
L0001738	0	0.11523E-03	480452.3	3763645.2	545.4	0.00	2.33	2.33	YES	HROFDY
L0001739	0	0.11523E-03	480452.9	3763640.2	545.7	0.00	2.33	2.33	YES	HROFDY
L0001740	0	0.11523E-03	480453.5	3763635.3	546.0	0.00	2.33	2.33	YES	HROFDY
L0001741	0	0.11523E-03	480454.1	3763630.3	546.3	0.00	2.33	2.33	YES	HROFDY
L0001742	0	0.11523E-03	480454.7	3763625.3	546.7	0.00	2.33	2.33	YES	HROFDY
L0001743	0	0.11523E-03	480455.4	3763620.4	547.0	0.00	2.33	2.33	YES	HROFDY
L0001744	0	0.11523E-03	480456.0	3763615.4	547.3	0.00	2.33	2.33	YES	HROFDY
L0001745	0	0.11523E-03	480456.6	3763610.5	547.7	0.00	2.33	2.33	YES	HROFDY
L0001746	0	0.11523E-03	480457.2	3763605.5	548.0	0.00	2.33	2.33	YES	HROFDY
L0001747	0	0.11523E-03	480457.8	3763600.5	548.4	0.00	2.33	2.33	YES	HROFDY
L0001748	0	0.11523E-03	480458.4	3763595.6	548.8	0.00	2.33	2.33	YES	HROFDY
L0001749	0	0.11523E-03	480459.0	3763590.6	549.3	0.00	2.33	2.33	YES	HROFDY
L0001750	0	0.11523E-03	480457.5	3763586.2	549.8	0.00	2.33	2.33	YES	HROFDY
L0001751	0	0.11523E-03	480454.5	3763582.2	550.3	0.00	2.33	2.33	YES	HROFDY
L0001752	0	0.11523E-03	480451.5	3763578.2	550.6	0.00	2.33	2.33	YES	HROFDY
L0001753	0	0.11523E-03	480448.5	3763574.2	551.2	0.00	2.33	2.33	YES	HROFDY
L0001754	0	0.11523E-03	480445.5	3763570.2	551.7	0.00	2.33	2.33	YES	HROFDY
L0001755	0	0.11523E-03	480442.5	3763566.2	552.1	0.00	2.33	2.33	YES	HROFDY
L0001756	0	0.11523E-03	480439.5	3763562.2	552.7	0.00	2.33	2.33	YES	HROFDY
L0001757	0	0.11523E-03	480436.6	3763558.2	553.2	0.00	2.33	2.33	YES	HROFDY
L0001758	0	0.11523E-03	480433.6	3763554.2	553.8	0.00	2.33	2.33	YES	HROFDY
L0001759	0	0.11523E-03	480430.6	3763550.2	554.4	0.00	2.33	2.33	YES	HROFDY
L0001760	0	0.11523E-03	480427.6	3763546.2	554.9	0.00	2.33	2.33	YES	HROFDY
L0001761	0	0.11523E-03	480424.6	3763542.2	555.4	0.00	2.33	2.33	YES	HROFDY
L0001762	0	0.11523E-03	480421.6	3763538.2	555.8	0.00	2.33	2.33	YES	HROFDY
L0001763	0	0.11523E-03	480418.6	3763534.2	556.3	0.00	2.33	2.33	YES	HROFDY
L0001764	0	0.11523E-03	480415.6	3763530.2	556.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 9

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001765	0	0.11523E-03	480412.6	3763526.2	557.2	0.00	2.33	2.33	YES	HROFDY
L0001766	0	0.11523E-03	480409.6	3763522.1	557.7	0.00	2.33	2.33	YES	HROFDY
L0001767	0	0.11523E-03	480406.6	3763518.1	558.1	0.00	2.33	2.33	YES	HROFDY
L0001768	0	0.86957E-04	480397.0	3763514.2	559.5	0.00	2.33	2.33	YES	HROFDY
L0001769	0	0.86957E-04	480392.7	3763511.5	559.8	0.00	2.33	2.33	YES	HROFDY
L0001770	0	0.86957E-04	480388.5	3763508.9	560.3	0.00	2.33	2.33	YES	HROFDY
L0001771	0	0.86957E-04	480384.3	3763506.2	560.6	0.00	2.33	2.33	YES	HROFDY
L0001772	0	0.86957E-04	480380.0	3763503.6	561.5	0.00	2.33	2.33	YES	HROFDY
L0001773	0	0.86957E-04	480375.8	3763500.9	561.7	0.00	2.33	2.33	YES	HROFDY
L0001774	0	0.86957E-04	480371.6	3763498.2	562.1	0.00	2.33	2.33	YES	HROFDY
L0001775	0	0.86957E-04	480367.3	3763495.6	562.5	0.00	2.33	2.33	YES	HROFDY
L0001776	0	0.86957E-04	480363.1	3763492.9	563.5	0.00	2.33	2.33	YES	HROFDY
L0001777	0	0.86957E-04	480358.9	3763490.3	563.7	0.00	2.33	2.33	YES	HROFDY
L0001778	0	0.86957E-04	480354.6	3763487.6	564.0	0.00	2.33	2.33	YES	HROFDY
L0001779	0	0.86957E-04	480350.4	3763484.9	564.6	0.00	2.33	2.33	YES	HROFDY
L0001780	0	0.86957E-04	480346.2	3763482.3	565.6	0.00	2.33	2.33	YES	HROFDY
L0001781	0	0.86957E-04	480341.9	3763479.6	566.0	0.00	2.33	2.33	YES	HROFDY
L0001782	0	0.86957E-04	480337.7	3763477.0	566.3	0.00	2.33	2.33	YES	HROFDY
L0001783	0	0.86957E-04	480333.5	3763474.3	566.7	0.00	2.33	2.33	YES	HROFDY
L0001784	0	0.86957E-04	480329.2	3763471.6	567.2	0.00	2.33	2.33	YES	HROFDY
L0001785	0	0.86957E-04	480325.0	3763469.0	567.8	0.00	2.33	2.33	YES	HROFDY
L0001786	0	0.86957E-04	480320.5	3763468.1	568.2	0.00	2.33	2.33	YES	HROFDY
L0001787	0	0.86957E-04	480315.7	3763469.3	568.4	0.00	2.33	2.33	YES	HROFDY
L0001788	0	0.86957E-04	480310.8	3763470.6	568.7	0.00	2.33	2.33	YES	HROFDY
L0001789	0	0.86957E-04	480306.0	3763471.8	569.1	0.00	2.33	2.33	YES	HROFDY
L0001790	0	0.86957E-04	480301.1	3763473.1	569.4	0.00	2.33	2.33	YES	HROFDY
L0001791	0	0.86957E-04	480296.3	3763474.3	569.8	0.00	2.33	2.33	YES	HROFDY
L0001792	0	0.86957E-04	480291.4	3763475.6	570.3	0.00	2.33	2.33	YES	HROFDY
L0001793	0	0.86957E-04	480286.6	3763476.8	570.8	0.00	2.33	2.33	YES	HROFDY
L0001794	0	0.86957E-04	480281.8	3763478.1	571.2	0.00	2.33	2.33	YES	HROFDY
L0001795	0	0.86957E-04	480276.9	3763479.3	571.6	0.00	2.33	2.33	YES	HROFDY
L0001796	0	0.86957E-04	480272.1	3763480.6	572.0	0.00	2.33	2.33	YES	HROFDY
L0001797	0	0.86957E-04	480267.2	3763481.8	572.2	0.00	2.33	2.33	YES	HROFDY
L0001798	0	0.86957E-04	480262.4	3763483.1	572.4	0.00	2.33	2.33	YES	HROFDY
L0001799	0	0.86957E-04	480257.6	3763484.4	572.8	0.00	2.33	2.33	YES	HROFDY
L0001800	0	0.86957E-04	480252.7	3763485.6	573.4	0.00	2.33	2.33	YES	HROFDY
L0001801	0	0.86957E-04	480247.9	3763486.9	573.9	0.00	2.33	2.33	YES	HROFDY
L0001802	0	0.86957E-04	480242.9	3763487.4	574.3	0.00	2.33	2.33	YES	HROFDY
L0001803	0	0.86957E-04	480237.9	3763487.7	574.6	0.00	2.33	2.33	YES	HROFDY
L0001804	0	0.86957E-04	480232.9	3763488.0	575.1	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 10

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001805	0	0.86957E-04	480228.0	3763488.3	575.5	0.00	2.33	2.33	YES	HROFDY
L0001806	0	0.86957E-04	480223.0	3763488.6	575.8	0.00	2.33	2.33	YES	HROFDY
L0001807	0	0.86957E-04	480218.0	3763488.9	576.2	0.00	2.33	2.33	YES	HROFDY
L0001808	0	0.86957E-04	480213.0	3763489.2	576.6	0.00	2.33	2.33	YES	HROFDY
L0001809	0	0.86957E-04	480208.0	3763489.5	577.1	0.00	2.33	2.33	YES	HROFDY
L0001810	0	0.86957E-04	480203.0	3763489.8	577.6	0.00	2.33	2.33	YES	HROFDY
L0001811	0	0.86957E-04	480198.0	3763490.1	578.2	0.00	2.33	2.33	YES	HROFDY
L0001812	0	0.86957E-04	480193.0	3763490.4	578.9	0.00	2.33	2.33	YES	HROFDY
L0001813	0	0.86957E-04	480188.4	3763489.2	579.3	0.00	2.33	2.33	YES	HROFDY
L0001814	0	0.86957E-04	480184.0	3763486.7	579.3	0.00	2.33	2.33	YES	HROFDY
L0001815	0	0.86957E-04	480179.7	3763484.2	579.5	0.00	2.33	2.33	YES	HROFDY
L0001816	0	0.86957E-04	480175.3	3763481.7	580.0	0.00	2.33	2.33	YES	HROFDY
L0001817	0	0.86957E-04	480171.0	3763479.3	580.4	0.00	2.33	2.33	YES	HROFDY
L0001818	0	0.86957E-04	480166.7	3763476.8	580.8	0.00	2.33	2.33	YES	HROFDY
L0001819	0	0.86957E-04	480162.3	3763474.3	581.0	0.00	2.33	2.33	YES	HROFDY
L0001820	0	0.86957E-04	480158.0	3763471.8	581.5	0.00	2.33	2.33	YES	HROFDY
L0001821	0	0.86957E-04	480153.6	3763469.4	581.9	0.00	2.33	2.33	YES	HROFDY
L0001822	0	0.86957E-04	480149.3	3763466.9	582.3	0.00	2.33	2.33	YES	HROFDY
L0001823	0	0.86957E-04	480144.9	3763464.4	582.6	0.00	2.33	2.33	YES	HROFDY
L0001824	0	0.86957E-04	480140.6	3763461.9	583.1	0.00	2.33	2.33	YES	HROFDY
L0001825	0	0.86957E-04	480136.2	3763459.5	583.4	0.00	2.33	2.33	YES	HROFDY
L0001826	0	0.86957E-04	480131.9	3763457.0	583.9	0.00	2.33	2.33	YES	HROFDY
L0001827	0	0.86957E-04	480127.6	3763454.5	584.3	0.00	2.33	2.33	YES	HROFDY
L0001828	0	0.86957E-04	480123.2	3763452.0	584.8	0.00	2.33	2.33	YES	HROFDY
L0001829	0	0.86957E-04	480118.9	3763449.5	585.2	0.00	2.33	2.33	YES	HROFDY
L0001830	0	0.86957E-04	480115.1	3763446.2	585.6	0.00	2.33	2.33	YES	HROFDY
L0001831	0	0.86957E-04	480111.5	3763442.8	585.9	0.00	2.33	2.33	YES	HROFDY
L0001832	0	0.86957E-04	480107.9	3763439.4	586.5	0.00	2.33	2.33	YES	HROFDY
L0001833	0	0.86957E-04	480104.2	3763436.0	586.9	0.00	2.33	2.33	YES	HROFDY
L0001834	0	0.86957E-04	480100.6	3763432.5	587.0	0.00	2.33	2.33	YES	HROFDY
L0001835	0	0.86957E-04	480096.9	3763429.1	587.3	0.00	2.33	2.33	YES	HROFDY
L0001836	0	0.86957E-04	480093.3	3763425.7	587.8	0.00	2.33	2.33	YES	HROFDY
L0001837	0	0.86957E-04	480089.7	3763422.3	588.1	0.00	2.33	2.33	YES	HROFDY
L0001838	0	0.86957E-04	480086.0	3763418.8	588.5	0.00	2.33	2.33	YES	HROFDY
L0001839	0	0.86957E-04	480082.4	3763415.4	589.4	0.00	2.33	2.33	YES	HROFDY
L0001840	0	0.86957E-04	480078.7	3763412.0	589.4	0.00	2.33	2.33	YES	HROFDY
L0001841	0	0.86957E-04	480075.1	3763408.5	589.7	0.00	2.33	2.33	YES	HROFDY
L0001842	0	0.86957E-04	480071.2	3763406.4	590.3	0.00	2.33	2.33	YES	HROFDY
L0001843	0	0.86957E-04	480066.5	3763408.1	591.0	0.00	2.33	2.33	YES	HROFDY
L0001844	0	0.86957E-04	480061.9	3763409.9	591.2	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 11

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001845	0	0.86957E-04	480057.2	3763411.7	591.4	0.00	2.33	2.33	YES	HROFDY
L0001846	0	0.86957E-04	480052.6	3763413.6	591.6	0.00	2.33	2.33	YES	HROFDY
L0001847	0	0.86957E-04	480051.3	3763418.4	591.7	0.00	2.33	2.33	YES	HROFDY
L0001848	0	0.86957E-04	480049.9	3763423.2	591.7	0.00	2.33	2.33	YES	HROFDY
L0001849	0	0.86957E-04	480048.5	3763428.0	591.7	0.00	2.33	2.33	YES	HROFDY
L0001850	0	0.86957E-04	480047.7	3763432.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0001851	0	0.86957E-04	480051.2	3763436.2	591.7	0.00	2.33	2.33	YES	HROFDY
L0001852	0	0.86957E-04	480054.8	3763439.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0001853	0	0.86957E-04	480058.3	3763443.2	591.7	0.00	2.33	2.33	YES	HROFDY
L0001854	0	0.86957E-04	480061.9	3763446.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0001855	0	0.86957E-04	480065.4	3763450.3	591.7	0.00	2.33	2.33	YES	HROFDY
L0001856	0	0.86957E-04	480069.0	3763453.8	591.8	0.00	2.33	2.33	YES	HROFDY
L0001857	0	0.86957E-04	480072.6	3763457.3	591.8	0.00	2.33	2.33	YES	HROFDY
L0001858	0	0.86957E-04	480076.1	3763460.8	591.8	0.00	2.33	2.33	YES	HROFDY
L0001859	0	0.86957E-04	480079.7	3763464.3	591.9	0.00	2.33	2.33	YES	HROFDY
L0001860	0	0.86957E-04	480083.2	3763467.8	592.0	0.00	2.33	2.33	YES	HROFDY
L0001861	0	0.86957E-04	480086.8	3763471.3	591.9	0.00	2.33	2.33	YES	HROFDY
L0001862	0	0.86957E-04	480090.3	3763474.9	592.1	0.00	2.33	2.33	YES	HROFDY
L0001863	0	0.86957E-04	480093.9	3763478.4	592.1	0.00	2.33	2.33	YES	HROFDY
L0001864	0	0.86957E-04	480097.5	3763481.9	592.1	0.00	2.33	2.33	YES	HROFDY
L0001865	0	0.86957E-04	480101.0	3763485.4	592.4	0.00	2.33	2.33	YES	HROFDY
L0001866	0	0.86957E-04	480104.2	3763489.2	592.3	0.00	2.33	2.33	YES	HROFDY
L0001867	0	0.86957E-04	480106.9	3763493.4	592.4	0.00	2.33	2.33	YES	HROFDY
L0001868	0	0.86957E-04	480109.7	3763497.6	592.6	0.00	2.33	2.33	YES	HROFDY
L0001869	0	0.86957E-04	480112.4	3763501.8	592.6	0.00	2.33	2.33	YES	HROFDY
L0001870	0	0.86957E-04	480115.2	3763505.9	592.8	0.00	2.33	2.33	YES	HROFDY
L0001871	0	0.86957E-04	480117.9	3763510.1	592.8	0.00	2.33	2.33	YES	HROFDY
L0001872	0	0.86957E-04	480120.7	3763514.3	592.7	0.00	2.33	2.33	YES	HROFDY
L0001873	0	0.86957E-04	480123.5	3763518.4	592.6	0.00	2.33	2.33	YES	HROFDY
L0001874	0	0.86957E-04	480126.2	3763522.6	592.6	0.00	2.33	2.33	YES	HROFDY
L0001875	0	0.86957E-04	480127.6	3763527.4	592.6	0.00	2.33	2.33	YES	HROFDY
L0001876	0	0.86957E-04	480128.8	3763532.3	592.7	0.00	2.33	2.33	YES	HROFDY
L0001877	0	0.86957E-04	480130.0	3763537.1	592.7	0.00	2.33	2.33	YES	HROFDY
L0001878	0	0.86957E-04	480131.2	3763542.0	592.9	0.00	2.33	2.33	YES	HROFDY
L0001879	0	0.86957E-04	480132.4	3763546.8	593.0	0.00	2.33	2.33	YES	HROFDY
L0001880	0	0.86957E-04	480133.6	3763551.7	593.1	0.00	2.33	2.33	YES	HROFDY
L0001881	0	0.86957E-04	480134.9	3763556.5	593.1	0.00	2.33	2.33	YES	HROFDY
L0001882	0	0.86957E-04	480136.1	3763561.4	593.2	0.00	2.33	2.33	YES	HROFDY
L0001883	0	0.86957E-04	480137.3	3763566.2	593.3	0.00	2.33	2.33	YES	HROFDY
L0001884	0	0.86957E-04	480138.5	3763571.1	593.3	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 12

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001885	0	0.86957E-04	480139.7	3763575.9	593.4	0.00	2.33	2.33	YES	HROFDY
L0001886	0	0.86957E-04	480141.0	3763580.8	593.4	0.00	2.33	2.33	YES	HROFDY
L0001887	0	0.86957E-04	480142.2	3763585.6	593.4	0.00	2.33	2.33	YES	HROFDY
L0001888	0	0.86957E-04	480143.4	3763590.5	593.5	0.00	2.33	2.33	YES	HROFDY
L0001889	0	0.86957E-04	480144.6	3763595.3	593.5	0.00	2.33	2.33	YES	HROFDY
L0001890	0	0.86957E-04	480145.8	3763600.2	593.6	0.00	2.33	2.33	YES	HROFDY
L0001891	0	0.86957E-04	480147.0	3763605.0	593.8	0.00	2.33	2.33	YES	HROFDY
L0001892	0	0.86957E-04	480148.3	3763609.9	593.9	0.00	2.33	2.33	YES	HROFDY
L0001893	0	0.86957E-04	480149.5	3763614.7	594.0	0.00	2.33	2.33	YES	HROFDY
L0001894	0	0.86957E-04	480150.7	3763619.5	594.1	0.00	2.33	2.33	YES	HROFDY
L0001895	0	0.86957E-04	480151.9	3763624.4	594.2	0.00	2.33	2.33	YES	HROFDY
L0001896	0	0.86957E-04	480153.1	3763629.2	594.3	0.00	2.33	2.33	YES	HROFDY
L0001897	0	0.86957E-04	480154.4	3763634.1	594.4	0.00	2.33	2.33	YES	HROFDY
L0001898	0	0.86957E-04	480155.6	3763638.9	594.5	0.00	2.33	2.33	YES	HROFDY
L0001899	0	0.86957E-04	480156.8	3763643.8	594.7	0.00	2.33	2.33	YES	HROFDY
L0001900	0	0.86957E-04	480158.0	3763648.6	595.0	0.00	2.33	2.33	YES	HROFDY
L0001901	0	0.86957E-04	480159.2	3763653.5	595.0	0.00	2.33	2.33	YES	HROFDY
L0001902	0	0.86957E-04	480160.4	3763658.3	595.0	0.00	2.33	2.33	YES	HROFDY
L0001903	0	0.86957E-04	480161.7	3763663.2	594.7	0.00	2.33	2.33	YES	HROFDY
L0001904	0	0.86957E-04	480162.9	3763668.0	594.3	0.00	2.33	2.33	YES	HROFDY
L0001905	0	0.86957E-04	480164.1	3763672.9	593.6	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** *** 23:27:07
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U* PAGE 13

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*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
EQUIPMENT	0	0.15390E-06	480099.9	3764044.9	507.7	1.52	12	5.00	YES	HR0FDY

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 14

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	EQUIPMENT	, L0001525	, L0001526	, L0001527	, L0001528	, L0001529	, L0001530	, L0001531	,
	L0001532	, L0001533	, L0001534	, L0001535	, L0001536	, L0001537	, L0001538	, L0001539	,
	L0001540	, L0001541	, L0001542	, L0001543	, L0001544	, L0001545	, L0001546	, L0001547	,
	L0001548	, L0001549	, L0001550	, L0001551	, L0001552	, L0001553	, L0001554	, L0001555	,
	L0001556	, L0001557	, L0001558	, L0001559	, L0001560	, L0001561	, L0001562	, L0001563	,
	L0001564	, L0001565	, L0001566	, L0001567	, L0001568	, L0001569	, L0001570	, L0001571	,
	L0001572	, L0001573	, L0001574	, L0001575	, L0001576	, L0001577	, L0001578	, L0001579	,
	L0001580	, L0001581	, L0001582	, L0001583	, L0001584	, L0001585	, L0001586	, L0001587	,
	L0001588	, L0001589	, L0001590	, L0001591	, L0001592	, L0001593	, L0001594	, L0001595	,
	L0001596	, L0001597	, L0001598	, L0001599	, L0001600	, L0001601	, L0001602	, L0001603	,
	L0001604	, L0001605	, L0001606	, L0001607	, L0001608	, L0001609	, L0001610	, L0001611	,
	L0001612	, L0001613	, L0001614	, L0001615	, L0001616	, L0001617	, L0001618	, L0001619	,
	L0001620	, L0001621	, L0001622	, L0001623	, L0001624	, L0001625	, L0001626	, L0001627	,
	L0001628	, L0001629	, L0001630	, L0001631	, L0001632	, L0001633	, L0001634	, L0001635	,
	L0001636	, L0001637	, L0001638	, L0001639	, L0001640	, L0001641	, L0001642	, L0001643	,
	L0001644	, L0001645	, L0001646	, L0001647	, L0001648	, L0001649	, L0001650	, L0001651	,
	L0001652	, L0001653	, L0001654	, L0001655	, L0001656	, L0001657	, L0001658	, L0001659	,
	L0001660	, L0001661	, L0001662	, L0001663	, L0001664	, L0001665	, L0001666	, L0001667	,
	L0001668	, L0001669	, L0001670	, L0001671	, L0001672	, L0001673	, L0001674	, L0001675	,
	L0001676	, L0001677	, L0001678	, L0001679	, L0001680	, L0001681	, L0001682	, L0001683	,

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 15

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0001684	,	L0001685	,	L0001686	,	L0001687	,	L0001688	,	L0001689	,	L0001690	,	L0001691	,
L0001692	,	L0001693	,	L0001694	,	L0001695	,	L0001696	,	L0001697	,	L0001698	,	L0001699	,
L0001700	,	L0001701	,	L0001702	,	L0001703	,	L0001704	,	L0001705	,	L0001706	,	L0001707	,
L0001708	,	L0001709	,	L0001710	,	L0001711	,	L0001712	,	L0001713	,	L0001714	,	L0001715	,
L0001716	,	L0001717	,	L0001718	,	L0001719	,	L0001720	,	L0001721	,	L0001722	,	L0001723	,
L0001724	,	L0001725	,	L0001726	,	L0001727	,	L0001728	,	L0001729	,	L0001730	,	L0001731	,
L0001732	,	L0001733	,	L0001734	,	L0001735	,	L0001736	,	L0001737	,	L0001738	,	L0001739	,
L0001740	,	L0001741	,	L0001742	,	L0001743	,	L0001744	,	L0001745	,	L0001746	,	L0001747	,
L0001748	,	L0001749	,	L0001750	,	L0001751	,	L0001752	,	L0001753	,	L0001754	,	L0001755	,
L0001756	,	L0001757	,	L0001758	,	L0001759	,	L0001760	,	L0001761	,	L0001762	,	L0001763	,
L0001764	,	L0001765	,	L0001766	,	L0001767	,	L0001768	,	L0001769	,	L0001770	,	L0001771	,
L0001772	,	L0001773	,	L0001774	,	L0001775	,	L0001776	,	L0001777	,	L0001778	,	L0001779	,
L0001780	,	L0001781	,	L0001782	,	L0001783	,	L0001784	,	L0001785	,	L0001786	,	L0001787	,
L0001788	,	L0001789	,	L0001790	,	L0001791	,	L0001792	,	L0001793	,	L0001794	,	L0001795	,
L0001796	,	L0001797	,	L0001798	,	L0001799	,	L0001800	,	L0001801	,	L0001802	,	L0001803	,
L0001804	,	L0001805	,	L0001806	,	L0001807	,	L0001808	,	L0001809	,	L0001810	,	L0001811	,
L0001812	,	L0001813	,	L0001814	,	L0001815	,	L0001816	,	L0001817	,	L0001818	,	L0001819	,
L0001820	,	L0001821	,	L0001822	,	L0001823	,	L0001824	,	L0001825	,	L0001826	,	L0001827	,
L0001828	,	L0001829	,	L0001830	,	L0001831	,	L0001832	,	L0001833	,	L0001834	,	L0001835	,
L0001836	,	L0001837	,	L0001838	,	L0001839	,	L0001840	,	L0001841	,	L0001842	,	L0001843	,

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***
 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 11/05/18
 *** 23:27:07
 *** PAGE 16

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0001844	,	L0001845	,	L0001846	,	L0001847	,	L0001848	,	L0001849	,	L0001850	,	L0001851	,
L0001852	,	L0001853	,	L0001854	,	L0001855	,	L0001856	,	L0001857	,	L0001858	,	L0001859	,
L0001860	,	L0001861	,	L0001862	,	L0001863	,	L0001864	,	L0001865	,	L0001866	,	L0001867	,
L0001868	,	L0001869	,	L0001870	,	L0001871	,	L0001872	,	L0001873	,	L0001874	,	L0001875	,
L0001876	,	L0001877	,	L0001878	,	L0001879	,	L0001880	,	L0001881	,	L0001882	,	L0001883	,
L0001884	,	L0001885	,	L0001886	,	L0001887	,	L0001888	,	L0001889	,	L0001890	,	L0001891	,
L0001892	,	L0001893	,	L0001894	,	L0001895	,	L0001896	,	L0001897	,	L0001898	,	L0001899	,
L0001900	,	L0001901	,	L0001902	,	L0001903	,	L0001904	,	L0001905	,	FLARE1	,		

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 17

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001531	2035210.	EQUIPMENT , L0001525 , L0001526 , L0001527 , L0001528 , L0001529 , L0001530 ,
		L0001532 , L0001533 , L0001534 , L0001535 , L0001536 , L0001537 , L0001538 , L0001539 ,
		L0001540 , L0001541 , L0001542 , L0001543 , L0001544 , L0001545 , L0001546 , L0001547 ,
		L0001548 , L0001549 , L0001550 , L0001551 , L0001552 , L0001553 , L0001554 , L0001555 ,
		L0001556 , L0001557 , L0001558 , L0001559 , L0001560 , L0001561 , L0001562 , L0001563 ,
		L0001564 , L0001565 , L0001566 , L0001567 , L0001568 , L0001569 , L0001570 , L0001571 ,
		L0001572 , L0001573 , L0001574 , L0001575 , L0001576 , L0001577 , L0001578 , L0001579 ,
		L0001580 , L0001581 , L0001582 , L0001583 , L0001584 , L0001585 , L0001586 , L0001587 ,
		L0001588 , L0001589 , L0001590 , L0001591 , L0001592 , L0001593 , L0001594 , L0001595 ,
		L0001596 , L0001597 , L0001598 , L0001599 , L0001600 , L0001601 , L0001602 , L0001603 ,
		L0001604 , L0001605 , L0001606 , L0001607 , L0001608 , L0001609 , L0001610 , L0001611 ,
		L0001612 , L0001613 , L0001614 , L0001615 , L0001616 , L0001617 , L0001618 , L0001619 ,
		L0001620 , L0001621 , L0001622 , L0001623 , L0001624 , L0001625 , L0001626 , L0001627 ,
		L0001628 , L0001629 , L0001630 , L0001631 , L0001632 , L0001633 , L0001634 , L0001635 ,
		L0001636 , L0001637 , L0001638 , L0001639 , L0001640 , L0001641 , L0001642 , L0001643 ,
		L0001644 , L0001645 , L0001646 , L0001647 , L0001648 , L0001649 , L0001650 , L0001651 ,
		L0001652 , L0001653 , L0001654 , L0001655 , L0001656 , L0001657 , L0001658 , L0001659 ,
		L0001660 , L0001661 , L0001662 , L0001663 , L0001664 , L0001665 , L0001666 , L0001667 ,
		L0001668 , L0001669 , L0001670 , L0001671 , L0001672 , L0001673 , L0001674 , L0001675 ,
		L0001676 , L0001677 , L0001678 , L0001679 , L0001680 , L0001681 , L0001682 , L0001683 ,

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 18

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001684	,	L0001685 , L0001686 , L0001687 , L0001688 , L0001689 , L0001690 , L0001691 ,
L0001692	,	L0001693 , L0001694 , L0001695 , L0001696 , L0001697 , L0001698 , L0001699 ,
L0001700	,	L0001701 , L0001702 , L0001703 , L0001704 , L0001705 , L0001706 , L0001707 ,
L0001708	,	L0001709 , L0001710 , L0001711 , L0001712 , L0001713 , L0001714 , L0001715 ,
L0001716	,	L0001717 , L0001718 , L0001719 , L0001720 , L0001721 , L0001722 , L0001723 ,
L0001724	,	L0001725 , L0001726 , L0001727 , L0001728 , L0001729 , L0001730 , L0001731 ,
L0001732	,	L0001733 , L0001734 , L0001735 , L0001736 , L0001737 , L0001738 , L0001739 ,
L0001740	,	L0001741 , L0001742 , L0001743 , L0001744 , L0001745 , L0001746 , L0001747 ,
L0001748	,	L0001749 , L0001750 , L0001751 , L0001752 , L0001753 , L0001754 , L0001755 ,
L0001756	,	L0001757 , L0001758 , L0001759 , L0001760 , L0001761 , L0001762 , L0001763 ,
L0001764	,	L0001765 , L0001766 , L0001767 , L0001768 , L0001769 , L0001770 , L0001771 ,
L0001772	,	L0001773 , L0001774 , L0001775 , L0001776 , L0001777 , L0001778 , L0001779 ,
L0001780	,	L0001781 , L0001782 , L0001783 , L0001784 , L0001785 , L0001786 , L0001787 ,
L0001788	,	L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 , L0001795 ,
L0001796	,	L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 , L0001803 ,
L0001804	,	L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 , L0001811 ,
L0001812	,	L0001813 , L0001814 , L0001815 , L0001816 , L0001817 , L0001818 , L0001819 ,
L0001820	,	L0001821 , L0001822 , L0001823 , L0001824 , L0001825 , L0001826 , L0001827 ,
L0001828	,	L0001829 , L0001830 , L0001831 , L0001832 , L0001833 , L0001834 , L0001835 ,
L0001836	,	L0001837 , L0001838 , L0001839 , L0001840 , L0001841 , L0001842 , L0001843 ,

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 19

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001844	, L0001845	, L0001846 , L0001847 , L0001848 , L0001849 , L0001850 , L0001851 ,
L0001852	, L0001853	, L0001854 , L0001855 , L0001856 , L0001857 , L0001858 , L0001859 ,
L0001860	, L0001861	, L0001862 , L0001863 , L0001864 , L0001865 , L0001866 , L0001867 ,
L0001868	, L0001869	, L0001870 , L0001871 , L0001872 , L0001873 , L0001874 , L0001875 ,
L0001876	, L0001877	, L0001878 , L0001879 , L0001880 , L0001881 , L0001882 , L0001883 ,
L0001884	, L0001885	, L0001886 , L0001887 , L0001888 , L0001889 , L0001890 , L0001891 ,
L0001892	, L0001893	, L0001894 , L0001895 , L0001896 , L0001897 , L0001898 , L0001899 ,
L0001900	, L0001901	, L0001902 , L0001903 , L0001904 , L0001905 , FLARE1 ,

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 20

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = EQUIPMENT ; SOURCE TYPE = AREAPOLY :											
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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001525 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001526 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001527 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001528 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDFault CONC ELEV URBAN ADJ_U* *** PAGE 21

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

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SOURCE ID = L0001529	; 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 .10000E+01	10 .10000E+01	11 .10000E+01	12 .10000E+01
13 .10000E+01	14 .10000E+01	15 .10000E+01	16 .10000E+01	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 = L0001530	; 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 .10000E+01	10 .10000E+01	11 .10000E+01	12 .10000E+01
13 .10000E+01	14 .10000E+01	15 .10000E+01	16 .10000E+01	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 = L0001531	; 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 .10000E+01	10 .10000E+01	11 .10000E+01	12 .10000E+01
13 .10000E+01	14 .10000E+01	15 .10000E+01	16 .10000E+01	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 = L0001532	; 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 .10000E+01	10 .10000E+01	11 .10000E+01	12 .10000E+01
13 .10000E+01	14 .10000E+01	15 .10000E+01	16 .10000E+01	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 = L0001533	; 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 .10000E+01	10 .10000E+01	11 .10000E+01	12 .10000E+01
13 .10000E+01	14 .10000E+01	15 .10000E+01	16 .10000E+01	17 .00000E+00	18 .00000E+00	19 .00000E+00	20 .00000E+00	21 .00000E+00	22 .00000E+00	23 .00000E+00	24 .00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 22

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001534 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001535 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001536 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001537 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001538 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 23

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001539 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001540 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001541 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001542 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001543 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 24

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001544 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001545 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001546 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001547 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001548 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 25

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001549 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001550 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001551 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001552 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001553 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 26

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001554 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001555 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001556 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001557 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001558 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 27

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001559 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001560 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001561 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001562 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001563 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 28

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001564 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001565 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001566 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001567 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001568 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 29

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001569 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001570 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001571 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001572 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001573 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 30

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001574 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001575 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001576 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001577 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001578 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 31

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001579 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001580 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001581 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001582 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001583 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 32

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001584 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001585 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001586 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001587 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001588 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 33

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001589 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001590 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001591 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001592 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001593 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 34

*** MODELOPTS: RegDFault CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001594 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001595 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001596 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001597 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001598 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 35

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001599 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001600 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001601 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001602 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001603 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 36

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001604 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001605 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001606 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001607 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001608 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 37

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001609 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001610 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001611 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001612 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001613 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 38

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001614 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001615 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001616 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001617 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001618 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 39

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001619 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001620 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001621 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001622 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001623 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 40

*** MODELOPTS: RegDFault CONC ELEV URBAN ADJ_U*

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

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

SOURCE ID = L0001624 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001625 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001626 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001627 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001628 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 41

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001629 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001630 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001631 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001632 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001633 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 42

*** MODELOPTS: RegDFault CONC ELEV URBAN ADJ_U*

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

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

SOURCE ID = L0001634 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001635 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001636 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001637 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001638 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 43

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001639 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001640 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001641 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001642 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001643 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 44

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001644 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001645 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001646 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001647 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001648 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 45

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001649 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001650 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001651 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001652 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001653 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 46

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001654 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001655 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001656 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001657 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001658 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 47

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001659 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001660 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001661 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001662 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001663 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 48

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001664 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001665 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001666 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001667 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001668 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 49

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001669 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001670 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001671 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001672 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001673 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 50

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001674 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001675 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001676 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001677 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001678 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 51

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001679 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001680 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001681 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001682 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001683 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 52

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001684 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001685 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001686 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001687 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001688 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 53

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001689 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001690 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001691 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001692 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001693 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 54

*** MODELOPTS: RegDFault CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001694 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001695 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001696 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001697 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001698 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 55

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001699 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001700 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001701 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001702 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001703 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 56

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001704 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001705 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001706 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001707 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001708 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 57

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001709 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001710 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001711 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001712 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001713 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 58

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001714 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001715 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001716 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001717 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001718 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 59

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001719 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001720 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001721 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001722 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001723 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 60

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001724 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001725 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001726 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001727 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001728 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 61

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001729 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001730 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001731 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001732 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001733 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegFAULT CONC ELEV URBAN ADJ_U* *** PAGE 62

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001734 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001735 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001736 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001737 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001738 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 63

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001739 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001740 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001741 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001742 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001743 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDFault CONC ELEV URBAN ADJ_U* *** PAGE 64

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

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

SOURCE ID = L0001744 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001745 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001746 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001747 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001748 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 65

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001749 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001750 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001751 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001752 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001753 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 66

*** MODELOPTS: RegDFault CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001754 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001755 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001756 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001757 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001758 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 67

*** MODELOPTS: RegDFault CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001759 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001760 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001761 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001762 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001763 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 68

*** MODELOPTS: RegDFault CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001764 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001765 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001766 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001767 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001768 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 69

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001769 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001770 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001771 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001772 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001773 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 70

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001774 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001775 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001776 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001777 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001778 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegFAULT CONC ELEV URBAN ADJ_U* *** PAGE 71

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001779 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001780 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001781 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001782 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001783 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 72

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001784 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001785 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001786 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001787 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001788 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 73

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001789 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001790 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001791 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001792 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001793 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 74

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001794 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001795 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001796 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001797 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001798 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 75

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001799 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001800 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001801 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001802 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001803 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 76

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001804 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001805 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001806 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001807 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001808 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 77

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001809 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001810 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001811 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001812 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001813 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 78

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001814 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001815 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001816 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001817 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001818 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegFAULT CONC ELEV URBAN ADJ_U* *** PAGE 79

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001819 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001820 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001821 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001822 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001823 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 80

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001824 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001825 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001826 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001827 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001828 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 81

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001829 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001830 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001831 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001832 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001833 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 82

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001834 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001835 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001836 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001837 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001838 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 83

*** MODELOPTS: RegDFault CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001839 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001840 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001841 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001842 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001843 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDFault CONC ELEV URBAN ADJ_U* *** PAGE 84

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001844 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001845 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001846 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001847 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001848 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 85

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001849 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001850 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001851 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001852 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001853 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 86

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001854 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001855 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001856 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001857 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001858 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 87

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001859 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001860 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001861 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001862 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001863 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 88

*** MODELOPTS: RegDFault CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001864 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001865 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001866 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001867 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001868 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 89

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001869 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001870 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001871 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001872 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001873 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 90

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001874 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001875 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001876 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001877 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001878 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 91

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001879 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001880 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001881 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001882 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001883 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 92

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001884 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001885 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001886 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001887 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001888 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_CO\STSL_CO.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:27:07
 *** PAGE 93

*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001889 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001890 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001891 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001892 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001893 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 94

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001894 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001895 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001896 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001897 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001898 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 95

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001899 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001900 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001901 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001902 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001903 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

```

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 96

```

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE_ID = L0001904 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001905 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – CARBON MONOXIDE

```

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODELPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 97

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

( 479847.6, 3764439.4, 475.3, 717.1, 0.0); ( 479540.7, 3764440.9, 489.8, 700.6, 0.0);
( 479496.3, 3764525.2, 499.0, 700.6, 0.0); ( 479402.5, 3764370.1, 496.9, 700.6, 0.0);
( 479340.4, 3764327.5, 501.2, 700.6, 0.0); ( 479308.4, 3764270.2, 518.9, 700.6, 0.0);
( 480092.7, 3764756.8, 457.7, 700.6, 0.0); ( 480194.5, 3764744.4, 454.3, 700.6, 0.0);
( 479989.4, 3764770.0, 462.9, 700.6, 0.0); ( 479173.2, 3763182.0, 598.3, 700.6, 0.0);
( 479160.1, 3763076.1, 583.1, 700.6, 0.0); ( 479109.3, 3762924.6, 597.3, 700.6, 0.0);
( 479354.8, 3762965.2, 611.6, 700.6, 0.0); ( 479300.6, 3762848.1, 601.9, 700.6, 0.0);
( 479262.9, 3762780.7, 593.7, 717.1, 0.0); ( 479293.2, 3762744.9, 592.1, 717.1, 0.0);
( 479255.9, 3762759.4, 593.8, 717.1, 0.0); ( 479389.5, 3762798.6, 605.8, 716.9, 0.0);
( 479383.7, 3762768.7, 600.9, 717.1, 0.0);

```

Appendix C – AERMOD RUN – CARBON MONOXIDE

```
*** AERMOD - VERSION 16216r ***      C:\AERMOD\STSL_CO\STSL_CO.isc      ***      11/05/18
*** AERMET - VERSION 16216 ***      ***      ***      ***      23:27:07
                                     PAGE   98
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

Appendix C – AERMOD RUN – CARBON MONOXIDE

```

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
***                                     PAGE 99

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

Surface file: Met\RDLD_v9.SFC Met Version: 16216
Profile file: Met\RDLD_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

```

First 24 hours of scalar data																						
YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5			
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5			
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5			
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5			
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5			
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5			
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5			
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5			
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5			
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5			
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5			
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5			
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5			
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5			
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5			
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5			
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5			
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5			
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5			
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5			
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5			
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5			
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5			
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5			

```

First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
12 01 01 01 5.5 0 -999. -99.00 285.5 99.0 -99.00 -99.00
12 01 01 01 9.1 1 110. 1.30 -999.0 99.0 -99.00 -99.00

```

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

Appendix C – AERMOD RUN – CARBON MONOXIDE

```

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
***                                     PAGE 100

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EQUIPMENT , L0001525 , L0001526 , L0001527 , L0001528 ,
L0001529 , L0001530 , L0001531 , L0001532 , L0001533 , L0001534 , L0001535 , L0001536 ,
L0001537 , L0001538 , L0001539 , L0001540 , L0001541 , L0001542 , L0001543 , L0001544 ,
L0001545 , L0001546 , L0001547 , L0001548 , L0001549 , L0001550 , L0001551 , . . . ,

```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479847.56	3764439.44	2.55733	(13120716)	479540.71	3764440.90	1.35189	(13120716)
479496.31	3764525.20	1.17840	(13120716)	479402.50	3764370.08	0.81028	(13120716)
479340.40	3764327.53	0.56151	(14120316)	479308.42	3764270.19	0.55972	(14120316)
480092.73	3764756.82	2.10846	(13120716)	480194.48	3764744.40	2.21511	(16122616)
479989.38	3764770.04	2.35319	(13120716)	479173.17	3763182.04	0.80723	(16123116)
479160.11	3763076.12	0.89536	(16123116)	479109.27	3762924.65	0.67143	(16123116)
479354.82	3762965.22	0.79318	(12021516)	479300.61	3762848.13	0.80621	(12021516)
479262.88	3762780.70	0.80910	(12021516)	479293.24	3762744.92	0.87802	(12021516)
479255.94	3762759.45	0.80814	(12021516)	479389.48	3762798.59	0.96059	(12021516)
479383.66	3762768.69	0.98199	(12021516)				

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** PAGE 101
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*
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```
*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EQUIPMENT , L0001525 , L0001526 , L0001527 , L0001528 ,
L0001529 , L0001530 , L0001531 , L0001532 , L0001533 , L0001534 , L0001535 , L0001536 ,
L0001537 , L0001538 , L0001539 , L0001540 , L0001541 , L0001542 , L0001543 , L0001544 ,
L0001545 , L0001546 , L0001547 , L0001548 , L0001549 , L0001550 , L0001551 , . . . ,
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```
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
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```
** CONC OF CARBMON IN MICROGRAMS/M**3
```

```
**
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479847.56	3764439.44	0.51077	(15071922)	479540.71	3764440.90	0.42831	(13082405)
479496.31	3764525.20	0.40703	(12112607)	479402.50	3764370.08	0.39678	(12111705)
479340.40	3764327.53	0.38738	(15123109)	479308.42	3764270.19	0.39118	(14011109)
480092.73	3764756.82	0.39717	(16122215)	480194.48	3764744.40	0.46473	(16112916)
479989.38	3764770.04	0.38306	(15121509)	479173.17	3763182.04	0.44040	(13012509)
479160.11	3763076.12	0.42578	(16012909)	479109.27	3762924.65	0.40630	(13010109)
479354.82	3762965.22	0.46394	(13021909)	479300.61	3762848.13	0.41510	(12111809)
479262.88	3762780.70	0.39051	(15020409)	479293.24	3762744.92	0.38816	(15111809)
479255.94	3762759.45	0.38494	(15020409)	479389.48	3762798.59	0.41224	(13121309)
479383.66	3762768.69	0.40205	(13072609)				

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
***                                     PAGE 102

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EQUIPMENT , L0001525 , L0001526 , L0001527 , L0001528 ,
L0001529 , L0001530 , L0001531 , L0001532 , L0001533 , L0001534 , L0001535 , L0001536 ,
L0001537 , L0001538 , L0001539 , L0001540 , L0001541 , L0001542 , L0001543 , L0001544 ,
L0001545 , L0001546 , L0001547 , L0001548 , L0001549 , L0001550 , L0001551 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479847.56	3764439.44	0.40837	(13120716)	479540.71	3764440.90	0.34163	(16122908)
479496.31	3764525.20	0.32377	(14112708)	479402.50	3764370.08	0.31377	(16122708)
479340.40	3764327.53	0.30465	(13121724)	479308.42	3764270.19	0.30297	(13121524)
480092.73	3764756.82	0.30785	(13120716)	480194.48	3764744.40	0.29647	(16122616)
479989.38	3764770.04	0.34126	(13120716)	479173.17	3763182.04	0.19115	(13012516)
479160.11	3763076.12	0.21002	(13012516)	479109.27	3762924.65	0.20967	(13012516)
479354.82	3762965.22	0.24107	(13012516)	479300.61	3762848.13	0.20828	(13012516)
479262.88	3762780.70	0.19009	(13012516)	479293.24	3762744.92	0.17606	(13012516)
479255.94	3762759.45	0.18412	(13012516)	479389.48	3762798.59	0.18412	(13012516)
479383.66	3762768.69	0.17332	(13012516)				

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
***                                     PAGE 103

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*** MODELOPTS: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS 2.55733	ON 13120716: AT (	479847.56, 3764439.44, 475.30, 717.13, 0.00)	DC	
	HIGH 8TH HIGH VALUE IS 0.51077	ON 15071922: AT (	479847.56, 3764439.44, 475.30, 717.13, 0.00)	DC	

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

Appendix C – AERMOD RUN – CARBON MONOXIDE

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
*** MODEL_OPTS: RegDEFAULT CONC ELEV URBAN ADJ_U* *** PAGE 104

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*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS 0.40837	ON 13120716: AT (	479847.56, 3764439.44, 475.30, 717.13,	0.00)	DC

```

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

```

Appendix C – AERMOD RUN – CARBON MONOXIDE

```
*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_CO\STSL_CO.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:27:07
***
*** MODELOPTs:   RegDEFAULT CONC  ELEV  URBAN  ADJ_U*
*** 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     388 Informational Message(s)
A Total of    43848 Hours Were Processed
A Total of     191 Calm Hours Identified
A Total of     197 Missing Hours Identified ( 0.45 Percent)

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

***** WARNING MESSAGES *****
ME W186  2421  MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187  2421  MEOPEN: ADJ_U* Option for Low Winds used in AERMET

*****
*** AERMOD Finishes Successfully ***
*****
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Appendix C – AERMOD RUN – NITROGEN OXIDES

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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.5.0
** Lakes Environmental Software Inc.
** Date: 11/5/2018
** File: C:\AERMOD\STSL_NOx\STSL_NOx.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD\STSL_NOx\STSL_NOx.isc
  MODELOPT CONC NOCHKD ARM2
  AVERTIME 1
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID NO2
  RUNORNOT RUN
** NO2 Conversion Options
  ARMRATIO 0.500 0.900
  ERRORFIL STSL_NOx.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION EQUIPMENT AREAPOLY 480099.949 3764044.905 507.690
** DESCRSRC On-site Equipment
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PAVED
** DESCRSRC Paved Road
** PREFIX
** Length of Side = 5.00
** Configuration = Adjacent
** Emission Rate = 0.131
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 14
** 480449.145, 3764056.747, 478.02, 0.00, 2.33
** 480354.433, 3764104.779, 479.91, 0.00, 2.33
** 480257.015, 3764161.607, 489.95, 0.00, 2.33
** 480125.094, 3764160.254, 500.99, 0.00, 2.33
** 480088.563, 3764126.428, 505.93, 0.00, 2.33
** 480090.592, 3764081.778, 508.90, 0.00, 2.33
** 480118.329, 3764056.747, 511.17, 0.00, 2.33
** 480187.334, 3764064.865, 515.66, 0.00, 2.33
** 480233.337, 3764052.011, 518.73, 0.00, 2.33
** 480326.696, 3763905.208, 529.12, 0.00, 2.33
** 480365.934, 3763775.317, 537.02, 0.00, 2.33
** 480450.498, 3763659.633, 544.59, 0.00, 2.33
** 480459.293, 3763588.599, 549.78, 0.00, 2.33
** 480405.171, 3763516.212, 558.36, 0.00, 2.33
** -----
LOCATION L0001144 VOLUME 480446.915 3764057.878 477.93
LOCATION L0001145 VOLUME 480442.456 3764060.139 477.96

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Appendix C – AERMOD RUN – NITROGEN OXIDES

LOCATION	L0001146	VOLUME	480437.997	3764062.401	477.94
LOCATION	L0001147	VOLUME	480433.537	3764064.662	477.94
LOCATION	L0001148	VOLUME	480429.078	3764066.924	477.94
LOCATION	L0001149	VOLUME	480424.619	3764069.185	477.90
LOCATION	L0001150	VOLUME	480420.159	3764071.447	477.84
LOCATION	L0001151	VOLUME	480415.700	3764073.708	477.77
LOCATION	L0001152	VOLUME	480411.241	3764075.970	477.69
LOCATION	L0001153	VOLUME	480406.781	3764078.231	477.64
LOCATION	L0001154	VOLUME	480402.322	3764080.493	477.61
LOCATION	L0001155	VOLUME	480397.863	3764082.754	477.66
LOCATION	L0001156	VOLUME	480393.403	3764085.016	477.74
LOCATION	L0001157	VOLUME	480388.944	3764087.277	477.83
LOCATION	L0001158	VOLUME	480384.485	3764089.539	477.95
LOCATION	L0001159	VOLUME	480380.025	3764091.800	478.23
LOCATION	L0001160	VOLUME	480375.566	3764094.062	478.67
LOCATION	L0001161	VOLUME	480371.107	3764096.323	478.85
LOCATION	L0001162	VOLUME	480366.647	3764098.585	478.89
LOCATION	L0001163	VOLUME	480362.188	3764100.846	479.28
LOCATION	L0001164	VOLUME	480357.729	3764103.108	480.00
LOCATION	L0001165	VOLUME	480353.306	3764105.437	480.41
LOCATION	L0001166	VOLUME	480348.987	3764107.956	480.54
LOCATION	L0001167	VOLUME	480344.668	3764110.475	480.98
LOCATION	L0001168	VOLUME	480340.349	3764112.995	481.65
LOCATION	L0001169	VOLUME	480336.030	3764115.514	482.10
LOCATION	L0001170	VOLUME	480331.712	3764118.033	482.38
LOCATION	L0001171	VOLUME	480327.393	3764120.553	482.91
LOCATION	L0001172	VOLUME	480323.074	3764123.072	483.24
LOCATION	L0001173	VOLUME	480318.755	3764125.591	483.62
LOCATION	L0001174	VOLUME	480314.436	3764128.111	484.24
LOCATION	L0001175	VOLUME	480310.117	3764130.630	484.82
LOCATION	L0001176	VOLUME	480305.798	3764133.150	485.18
LOCATION	L0001177	VOLUME	480301.479	3764135.669	486.11
LOCATION	L0001178	VOLUME	480297.160	3764138.188	486.67
LOCATION	L0001179	VOLUME	480292.842	3764140.708	486.77
LOCATION	L0001180	VOLUME	480288.523	3764143.227	486.86
LOCATION	L0001181	VOLUME	480284.204	3764145.746	487.72
LOCATION	L0001182	VOLUME	480279.885	3764148.266	488.25
LOCATION	L0001183	VOLUME	480275.566	3764150.785	488.47
LOCATION	L0001184	VOLUME	480271.247	3764153.304	488.42
LOCATION	L0001185	VOLUME	480266.928	3764155.824	488.78
LOCATION	L0001186	VOLUME	480262.609	3764158.343	489.29
LOCATION	L0001187	VOLUME	480258.290	3764160.862	489.78
LOCATION	L0001188	VOLUME	480253.492	3764161.570	490.23
LOCATION	L0001189	VOLUME	480248.492	3764161.519	490.72
LOCATION	L0001190	VOLUME	480243.492	3764161.468	491.21
LOCATION	L0001191	VOLUME	480238.493	3764161.417	491.70
LOCATION	L0001192	VOLUME	480233.493	3764161.365	492.15
LOCATION	L0001193	VOLUME	480228.493	3764161.314	492.58
LOCATION	L0001194	VOLUME	480223.493	3764161.263	492.99
LOCATION	L0001195	VOLUME	480218.494	3764161.212	493.46
LOCATION	L0001196	VOLUME	480213.494	3764161.160	493.97
LOCATION	L0001197	VOLUME	480208.494	3764161.109	494.43
LOCATION	L0001198	VOLUME	480203.494	3764161.058	494.88
LOCATION	L0001199	VOLUME	480198.495	3764161.006	495.30
LOCATION	L0001200	VOLUME	480193.495	3764160.955	495.75
LOCATION	L0001201	VOLUME	480188.495	3764160.904	496.20
LOCATION	L0001202	VOLUME	480183.495	3764160.853	496.63
LOCATION	L0001203	VOLUME	480178.496	3764160.801	497.06
LOCATION	L0001204	VOLUME	480173.496	3764160.750	497.52
LOCATION	L0001205	VOLUME	480168.496	3764160.699	497.98
LOCATION	L0001206	VOLUME	480163.496	3764160.647	498.42
LOCATION	L0001207	VOLUME	480158.497	3764160.596	498.84
LOCATION	L0001208	VOLUME	480153.497	3764160.545	499.25
LOCATION	L0001209	VOLUME	480148.497	3764160.494	499.57
LOCATION	L0001210	VOLUME	480143.498	3764160.442	499.88
LOCATION	L0001211	VOLUME	480138.498	3764160.391	500.20
LOCATION	L0001212	VOLUME	480133.498	3764160.340	500.58
LOCATION	L0001213	VOLUME	480128.498	3764160.288	501.01

Appendix C – AERMOD RUN – NITROGEN OXIDES

LOCATION	L0001214	VOLUME	480123.923	3764159.169	501.38
LOCATION	L0001215	VOLUME	480120.255	3764155.772	501.71
LOCATION	L0001216	VOLUME	480116.586	3764152.375	502.19
LOCATION	L0001217	VOLUME	480112.917	3764148.978	502.75
LOCATION	L0001218	VOLUME	480109.248	3764145.581	503.10
LOCATION	L0001219	VOLUME	480105.579	3764142.184	503.60
LOCATION	L0001220	VOLUME	480101.911	3764138.787	504.03
LOCATION	L0001221	VOLUME	480098.242	3764135.390	504.48
LOCATION	L0001222	VOLUME	480094.573	3764131.993	504.96
LOCATION	L0001223	VOLUME	480090.904	3764128.596	505.35
LOCATION	L0001224	VOLUME	480088.645	3764124.621	505.72
LOCATION	L0001225	VOLUME	480088.872	3764119.626	506.07
LOCATION	L0001226	VOLUME	480089.099	3764114.631	506.45
LOCATION	L0001227	VOLUME	480089.326	3764109.636	506.82
LOCATION	L0001228	VOLUME	480089.553	3764104.641	507.19
LOCATION	L0001229	VOLUME	480089.780	3764099.647	507.56
LOCATION	L0001230	VOLUME	480090.007	3764094.652	507.93
LOCATION	L0001231	VOLUME	480090.234	3764089.657	508.28
LOCATION	L0001232	VOLUME	480090.461	3764084.662	508.61
LOCATION	L0001233	VOLUME	480092.161	3764080.362	508.92
LOCATION	L0001234	VOLUME	480095.873	3764077.013	509.20
LOCATION	L0001235	VOLUME	480099.585	3764073.663	509.53
LOCATION	L0001236	VOLUME	480103.297	3764070.313	509.88
LOCATION	L0001237	VOLUME	480107.009	3764066.963	510.17
LOCATION	L0001238	VOLUME	480110.721	3764063.613	510.51
LOCATION	L0001239	VOLUME	480114.433	3764060.263	510.88
LOCATION	L0001240	VOLUME	480118.144	3764056.914	511.16
LOCATION	L0001241	VOLUME	480123.048	3764057.302	511.41
LOCATION	L0001242	VOLUME	480128.014	3764057.886	511.69
LOCATION	L0001243	VOLUME	480132.979	3764058.470	512.01
LOCATION	L0001244	VOLUME	480137.945	3764059.055	512.35
LOCATION	L0001245	VOLUME	480142.911	3764059.639	512.72
LOCATION	L0001246	VOLUME	480147.877	3764060.223	513.07
LOCATION	L0001247	VOLUME	480152.842	3764060.807	513.41
LOCATION	L0001248	VOLUME	480157.808	3764061.391	513.73
LOCATION	L0001249	VOLUME	480162.774	3764061.976	514.11
LOCATION	L0001250	VOLUME	480167.740	3764062.560	514.60
LOCATION	L0001251	VOLUME	480172.705	3764063.144	515.03
LOCATION	L0001252	VOLUME	480177.671	3764063.728	515.29
LOCATION	L0001253	VOLUME	480182.637	3764064.312	515.48
LOCATION	L0001254	VOLUME	480187.594	3764064.792	515.64
LOCATION	L0001255	VOLUME	480192.410	3764063.447	515.98
LOCATION	L0001256	VOLUME	480197.226	3764062.101	516.32
LOCATION	L0001257	VOLUME	480202.041	3764060.756	516.59
LOCATION	L0001258	VOLUME	480206.857	3764059.410	516.95
LOCATION	L0001259	VOLUME	480211.672	3764058.065	517.30
LOCATION	L0001260	VOLUME	480216.488	3764056.719	517.58
LOCATION	L0001261	VOLUME	480221.303	3764055.374	517.83
LOCATION	L0001262	VOLUME	480226.119	3764054.028	518.19
LOCATION	L0001263	VOLUME	480230.934	3764052.682	518.54
LOCATION	L0001264	VOLUME	480234.681	3764049.897	518.74
LOCATION	L0001265	VOLUME	480237.364	3764045.678	519.07
LOCATION	L0001266	VOLUME	480240.048	3764041.459	519.38
LOCATION	L0001267	VOLUME	480242.731	3764037.240	519.69
LOCATION	L0001268	VOLUME	480245.414	3764033.020	520.05
LOCATION	L0001269	VOLUME	480248.097	3764028.801	520.53
LOCATION	L0001270	VOLUME	480250.780	3764024.582	521.12
LOCATION	L0001271	VOLUME	480253.463	3764020.363	521.41
LOCATION	L0001272	VOLUME	480256.146	3764016.144	521.86
LOCATION	L0001273	VOLUME	480258.829	3764011.925	522.39
LOCATION	L0001274	VOLUME	480261.513	3764007.706	522.78
LOCATION	L0001275	VOLUME	480264.196	3764003.487	523.25
LOCATION	L0001276	VOLUME	480266.879	3763999.268	523.73
LOCATION	L0001277	VOLUME	480269.562	3763995.048	524.22
LOCATION	L0001278	VOLUME	480272.245	3763990.829	524.17
LOCATION	L0001279	VOLUME	480274.928	3763986.610	524.57
LOCATION	L0001280	VOLUME	480277.611	3763982.391	524.96
LOCATION	L0001281	VOLUME	480280.294	3763978.172	524.70

Appendix C – AERMOD RUN – NITROGEN OXIDES

LOCATION	L0001282	VOLUME	480282.978	3763973.953	525.17
LOCATION	L0001283	VOLUME	480285.661	3763969.734	525.62
LOCATION	L0001284	VOLUME	480288.344	3763965.515	525.76
LOCATION	L0001285	VOLUME	480291.027	3763961.296	525.90
LOCATION	L0001286	VOLUME	480293.710	3763957.077	526.20
LOCATION	L0001287	VOLUME	480296.393	3763952.857	526.33
LOCATION	L0001288	VOLUME	480299.076	3763948.638	526.27
LOCATION	L0001289	VOLUME	480301.759	3763944.419	526.80
LOCATION	L0001290	VOLUME	480304.442	3763940.200	527.12
LOCATION	L0001291	VOLUME	480307.126	3763935.981	527.12
LOCATION	L0001292	VOLUME	480309.809	3763931.762	527.55
LOCATION	L0001293	VOLUME	480312.492	3763927.543	527.82
LOCATION	L0001294	VOLUME	480315.175	3763923.324	527.91
LOCATION	L0001295	VOLUME	480317.858	3763919.105	528.20
LOCATION	L0001296	VOLUME	480320.541	3763914.885	528.42
LOCATION	L0001297	VOLUME	480323.224	3763910.666	528.73
LOCATION	L0001298	VOLUME	480325.907	3763906.447	529.11
LOCATION	L0001299	VOLUME	480327.717	3763901.827	529.36
LOCATION	L0001300	VOLUME	480329.163	3763897.041	529.52
LOCATION	L0001301	VOLUME	480330.609	3763892.255	529.80
LOCATION	L0001302	VOLUME	480332.054	3763887.468	530.10
LOCATION	L0001303	VOLUME	480333.500	3763882.682	530.39
LOCATION	L0001304	VOLUME	480334.946	3763877.896	530.78
LOCATION	L0001305	VOLUME	480336.392	3763873.109	531.13
LOCATION	L0001306	VOLUME	480337.838	3763868.323	531.25
LOCATION	L0001307	VOLUME	480339.284	3763863.536	531.39
LOCATION	L0001308	VOLUME	480340.730	3763858.750	531.72
LOCATION	L0001309	VOLUME	480342.176	3763853.964	532.27
LOCATION	L0001310	VOLUME	480343.622	3763849.177	532.63
LOCATION	L0001311	VOLUME	480345.067	3763844.391	532.77
LOCATION	L0001312	VOLUME	480346.513	3763839.605	532.96
LOCATION	L0001313	VOLUME	480347.959	3763834.818	533.03
LOCATION	L0001314	VOLUME	480349.405	3763830.032	533.33
LOCATION	L0001315	VOLUME	480350.851	3763825.245	534.08
LOCATION	L0001316	VOLUME	480352.297	3763820.459	534.62
LOCATION	L0001317	VOLUME	480353.743	3763815.673	534.93
LOCATION	L0001318	VOLUME	480355.189	3763810.886	535.06
LOCATION	L0001319	VOLUME	480356.635	3763806.100	535.03
LOCATION	L0001320	VOLUME	480358.080	3763801.314	535.10
LOCATION	L0001321	VOLUME	480359.526	3763796.527	535.67
LOCATION	L0001322	VOLUME	480360.972	3763791.741	536.05
LOCATION	L0001323	VOLUME	480362.418	3763786.954	536.32
LOCATION	L0001324	VOLUME	480363.864	3763782.168	536.46
LOCATION	L0001325	VOLUME	480365.310	3763777.382	536.73
LOCATION	L0001326	VOLUME	480367.611	3763773.022	536.79
LOCATION	L0001327	VOLUME	480370.562	3763768.985	537.38
LOCATION	L0001328	VOLUME	480373.513	3763764.949	537.59
LOCATION	L0001329	VOLUME	480376.463	3763760.912	537.90
LOCATION	L0001330	VOLUME	480379.414	3763756.876	538.41
LOCATION	L0001331	VOLUME	480382.365	3763752.839	538.46
LOCATION	L0001332	VOLUME	480385.315	3763748.803	538.96
LOCATION	L0001333	VOLUME	480388.266	3763744.766	539.34
LOCATION	L0001334	VOLUME	480391.217	3763740.729	539.41
LOCATION	L0001335	VOLUME	480394.167	3763736.693	539.94
LOCATION	L0001336	VOLUME	480397.118	3763732.656	540.19
LOCATION	L0001337	VOLUME	480400.069	3763728.620	540.12
LOCATION	L0001338	VOLUME	480403.019	3763724.583	540.33
LOCATION	L0001339	VOLUME	480405.970	3763720.547	540.70
LOCATION	L0001340	VOLUME	480408.921	3763716.510	541.01
LOCATION	L0001341	VOLUME	480411.871	3763712.474	541.26
LOCATION	L0001342	VOLUME	480414.822	3763708.437	541.64
LOCATION	L0001343	VOLUME	480417.773	3763704.401	541.77
LOCATION	L0001344	VOLUME	480420.723	3763700.364	542.08
LOCATION	L0001345	VOLUME	480423.674	3763696.328	542.42
LOCATION	L0001346	VOLUME	480426.625	3763692.291	542.48
LOCATION	L0001347	VOLUME	480429.575	3763688.255	542.98
LOCATION	L0001348	VOLUME	480432.526	3763684.218	543.28
LOCATION	L0001349	VOLUME	480435.477	3763680.182	543.28

Appendix C – AERMOD RUN – NITROGEN OXIDES

LOCATION	L0001350	VOLUME	480438.428	3763676.145	543.80
LOCATION	L0001351	VOLUME	480441.378	3763672.109	544.04
LOCATION	L0001352	VOLUME	480444.329	3763668.072	544.09
LOCATION	L0001353	VOLUME	480447.280	3763664.036	544.29
LOCATION	L0001354	VOLUME	480450.230	3763659.999	544.61
LOCATION	L0001355	VOLUME	480451.057	3763655.121	544.95
LOCATION	L0001356	VOLUME	480451.671	3763650.159	545.21
LOCATION	L0001357	VOLUME	480452.285	3763645.197	545.45
LOCATION	L0001358	VOLUME	480452.900	3763640.235	545.72
LOCATION	L0001359	VOLUME	480453.514	3763635.272	546.02
LOCATION	L0001360	VOLUME	480454.128	3763630.310	546.34
LOCATION	L0001361	VOLUME	480454.743	3763625.348	546.67
LOCATION	L0001362	VOLUME	480455.357	3763620.386	547.01
LOCATION	L0001363	VOLUME	480455.971	3763615.424	547.35
LOCATION	L0001364	VOLUME	480456.586	3763610.462	547.68
LOCATION	L0001365	VOLUME	480457.200	3763605.500	548.03
LOCATION	L0001366	VOLUME	480457.814	3763600.538	548.38
LOCATION	L0001367	VOLUME	480458.429	3763595.576	548.80
LOCATION	L0001368	VOLUME	480459.043	3763590.613	549.32
LOCATION	L0001369	VOLUME	480457.514	3763586.220	549.83
LOCATION	L0001370	VOLUME	480454.520	3763582.216	550.26
LOCATION	L0001371	VOLUME	480451.526	3763578.211	550.56
LOCATION	L0001372	VOLUME	480448.532	3763574.207	551.16
LOCATION	L0001373	VOLUME	480445.538	3763570.202	551.67
LOCATION	L0001374	VOLUME	480442.544	3763566.198	552.14
LOCATION	L0001375	VOLUME	480439.550	3763562.193	552.74
LOCATION	L0001376	VOLUME	480436.556	3763558.189	553.22
LOCATION	L0001377	VOLUME	480433.562	3763554.184	553.77
LOCATION	L0001378	VOLUME	480430.568	3763550.180	554.42
LOCATION	L0001379	VOLUME	480427.574	3763546.175	554.93
LOCATION	L0001380	VOLUME	480424.580	3763542.171	555.41
LOCATION	L0001381	VOLUME	480421.586	3763538.166	555.84
LOCATION	L0001382	VOLUME	480418.592	3763534.162	556.35
LOCATION	L0001383	VOLUME	480415.598	3763530.157	556.76
LOCATION	L0001384	VOLUME	480412.604	3763526.153	557.19
LOCATION	L0001385	VOLUME	480409.610	3763522.148	557.74
LOCATION	L0001386	VOLUME	480406.616	3763518.144	558.08
**	End of LINE VOLUME Source ID = PAVED				
**	-----				
**	Line Source Represented by Adjacent Volume Sources				
**	LINE VOLUME Source ID = UNPAVED				
**	DESCRSRC Unpaved Road				
**	PREFIX				
**	Length of Side = 5.00				
**	Configuration = Adjacent				
**	Emission Rate = 0.058				
**	Vertical Dimension = 5.00				
**	SZINIT = 2.33				
**	Nodes = 11				
**	480399.083,	3763515.535,	559.05,	0.00,	2.33
**	480322.637,	3763467.503,	568.35,	0.00,	2.33
**	480246.867,	3763487.122,	573.82,	0.00,	2.33
**	480190.716,	3763490.504,	579.15,	0.00,	2.33
**	480118.329,	3763449.237,	585.30,	0.00,	2.33
**	480072.326,	3763405.940,	589.43,	0.00,	2.33
**	480052.707,	3763413.382,	591.43,	0.00,	2.33
**	480047.295,	3763432.324,	591.68,	0.00,	2.33
**	480102.769,	3763487.122,	592.01,	0.00,	2.33
**	480126.447,	3763522.977,	592.63,	0.00,	2.33
**	480164.332,	3763673.840,	593.96,	0.00,	2.33
**	-----				
LOCATION	L0001387	VOLUME	480396.966	3763514.205	559.48
LOCATION	L0001388	VOLUME	480392.732	3763511.545	559.83
LOCATION	L0001389	VOLUME	480388.499	3763508.885	560.26
LOCATION	L0001390	VOLUME	480384.265	3763506.225	560.62
LOCATION	L0001391	VOLUME	480380.031	3763503.565	561.48
LOCATION	L0001392	VOLUME	480375.798	3763500.905	561.74
LOCATION	L0001393	VOLUME	480371.564	3763498.245	562.09

Appendix C – AERMOD RUN – NITROGEN OXIDES

LOCATION	L0001394	VOLUME	480367.330	3763495.585	562.50
LOCATION	L0001395	VOLUME	480363.097	3763492.924	563.49
LOCATION	L0001396	VOLUME	480358.863	3763490.264	563.70
LOCATION	L0001397	VOLUME	480354.629	3763487.604	563.96
LOCATION	L0001398	VOLUME	480350.396	3763484.944	564.59
LOCATION	L0001399	VOLUME	480346.162	3763482.284	565.57
LOCATION	L0001400	VOLUME	480341.928	3763479.624	565.97
LOCATION	L0001401	VOLUME	480337.695	3763476.964	566.30
LOCATION	L0001402	VOLUME	480333.461	3763474.304	566.72
LOCATION	L0001403	VOLUME	480329.227	3763471.644	567.24
LOCATION	L0001404	VOLUME	480324.994	3763468.984	567.84
LOCATION	L0001405	VOLUME	480320.491	3763468.058	568.24
LOCATION	L0001406	VOLUME	480315.651	3763469.312	568.44
LOCATION	L0001407	VOLUME	480310.810	3763470.565	568.73
LOCATION	L0001408	VOLUME	480305.970	3763471.818	569.06
LOCATION	L0001409	VOLUME	480301.130	3763473.072	569.44
LOCATION	L0001410	VOLUME	480296.289	3763474.325	569.83
LOCATION	L0001411	VOLUME	480291.449	3763475.578	570.30
LOCATION	L0001412	VOLUME	480286.608	3763476.831	570.81
LOCATION	L0001413	VOLUME	480281.768	3763478.085	571.21
LOCATION	L0001414	VOLUME	480276.928	3763479.338	571.61
LOCATION	L0001415	VOLUME	480272.087	3763480.591	571.98
LOCATION	L0001416	VOLUME	480267.247	3763481.845	572.19
LOCATION	L0001417	VOLUME	480262.407	3763483.098	572.45
LOCATION	L0001418	VOLUME	480257.566	3763484.351	572.82
LOCATION	L0001419	VOLUME	480252.726	3763485.605	573.38
LOCATION	L0001420	VOLUME	480247.885	3763486.858	573.88
LOCATION	L0001421	VOLUME	480242.926	3763487.359	574.27
LOCATION	L0001422	VOLUME	480237.935	3763487.660	574.64
LOCATION	L0001423	VOLUME	480232.944	3763487.960	575.07
LOCATION	L0001424	VOLUME	480227.953	3763488.261	575.49
LOCATION	L0001425	VOLUME	480222.962	3763488.562	575.84
LOCATION	L0001426	VOLUME	480217.971	3763488.862	576.22
LOCATION	L0001427	VOLUME	480212.980	3763489.163	576.62
LOCATION	L0001428	VOLUME	480207.990	3763489.464	577.11
LOCATION	L0001429	VOLUME	480202.999	3763489.764	577.63
LOCATION	L0001430	VOLUME	480198.008	3763490.065	578.22
LOCATION	L0001431	VOLUME	480193.017	3763490.366	578.86
LOCATION	L0001432	VOLUME	480188.375	3763489.169	579.28
LOCATION	L0001433	VOLUME	480184.031	3763486.693	579.31
LOCATION	L0001434	VOLUME	480179.687	3763484.217	579.52
LOCATION	L0001435	VOLUME	480175.343	3763481.740	579.99
LOCATION	L0001436	VOLUME	480171.000	3763479.264	580.43
LOCATION	L0001437	VOLUME	480166.656	3763476.788	580.77
LOCATION	L0001438	VOLUME	480162.312	3763474.311	581.03
LOCATION	L0001439	VOLUME	480157.969	3763471.835	581.47
LOCATION	L0001440	VOLUME	480153.625	3763469.359	581.90
LOCATION	L0001441	VOLUME	480149.281	3763466.882	582.33
LOCATION	L0001442	VOLUME	480144.938	3763464.406	582.64
LOCATION	L0001443	VOLUME	480140.594	3763461.930	583.06
LOCATION	L0001444	VOLUME	480136.250	3763459.453	583.45
LOCATION	L0001445	VOLUME	480131.906	3763456.977	583.94
LOCATION	L0001446	VOLUME	480127.563	3763454.501	584.28
LOCATION	L0001447	VOLUME	480123.219	3763452.024	584.76
LOCATION	L0001448	VOLUME	480118.875	3763449.548	585.17
LOCATION	L0001449	VOLUME	480115.146	3763446.241	585.63
LOCATION	L0001450	VOLUME	480111.505	3763442.814	585.92
LOCATION	L0001451	VOLUME	480107.864	3763439.387	586.55
LOCATION	L0001452	VOLUME	480104.223	3763435.960	586.93
LOCATION	L0001453	VOLUME	480100.582	3763432.533	586.99
LOCATION	L0001454	VOLUME	480096.941	3763429.107	587.30
LOCATION	L0001455	VOLUME	480093.300	3763425.680	587.85
LOCATION	L0001456	VOLUME	480089.659	3763422.253	588.09
LOCATION	L0001457	VOLUME	480086.018	3763418.826	588.55
LOCATION	L0001458	VOLUME	480082.377	3763415.399	589.36
LOCATION	L0001459	VOLUME	480078.736	3763411.973	589.36
LOCATION	L0001460	VOLUME	480075.095	3763408.546	589.67
LOCATION	L0001461	VOLUME	480071.206	3763406.365	590.28

Appendix C – AERMOD RUN – NITROGEN OXIDES

LOCATION	L0001462	VOLUME	480066.531	3763408.138	591.02
LOCATION	L0001463	VOLUME	480061.856	3763409.911	591.20
LOCATION	L0001464	VOLUME	480057.181	3763411.685	591.41
LOCATION	L0001465	VOLUME	480052.648	3763413.588	591.57
LOCATION	L0001466	VOLUME	480051.275	3763418.396	591.69
LOCATION	L0001467	VOLUME	480049.901	3763423.204	591.74
LOCATION	L0001468	VOLUME	480048.527	3763428.011	591.72
LOCATION	L0001469	VOLUME	480047.661	3763432.686	591.70
LOCATION	L0001470	VOLUME	480051.219	3763436.199	591.73
LOCATION	L0001471	VOLUME	480054.776	3763439.713	591.73
LOCATION	L0001472	VOLUME	480058.333	3763443.227	591.70
LOCATION	L0001473	VOLUME	480061.890	3763446.741	591.71
LOCATION	L0001474	VOLUME	480065.447	3763450.255	591.73
LOCATION	L0001475	VOLUME	480069.004	3763453.768	591.75
LOCATION	L0001476	VOLUME	480072.562	3763457.282	591.78
LOCATION	L0001477	VOLUME	480076.119	3763460.796	591.78
LOCATION	L0001478	VOLUME	480079.676	3763464.310	591.88
LOCATION	L0001479	VOLUME	480083.233	3763467.823	592.03
LOCATION	L0001480	VOLUME	480086.790	3763471.337	591.93
LOCATION	L0001481	VOLUME	480090.347	3763474.851	592.11
LOCATION	L0001482	VOLUME	480093.904	3763478.365	592.14
LOCATION	L0001483	VOLUME	480097.462	3763481.879	592.12
LOCATION	L0001484	VOLUME	480101.019	3763485.392	592.37
LOCATION	L0001485	VOLUME	480104.169	3763489.241	592.30
LOCATION	L0001486	VOLUME	480106.924	3763493.413	592.39
LOCATION	L0001487	VOLUME	480109.679	3763497.585	592.56
LOCATION	L0001488	VOLUME	480112.435	3763501.758	592.61
LOCATION	L0001489	VOLUME	480115.190	3763505.930	592.80
LOCATION	L0001490	VOLUME	480117.945	3763510.102	592.80
LOCATION	L0001491	VOLUME	480120.701	3763514.275	592.69
LOCATION	L0001492	VOLUME	480123.456	3763518.447	592.65
LOCATION	L0001493	VOLUME	480126.211	3763522.619	592.64
LOCATION	L0001494	VOLUME	480127.561	3763527.411	592.62
LOCATION	L0001495	VOLUME	480128.779	3763532.260	592.66
LOCATION	L0001496	VOLUME	480129.996	3763537.109	592.72
LOCATION	L0001497	VOLUME	480131.214	3763541.959	592.86
LOCATION	L0001498	VOLUME	480132.432	3763546.808	593.00
LOCATION	L0001499	VOLUME	480133.650	3763551.658	593.07
LOCATION	L0001500	VOLUME	480134.868	3763556.507	593.13
LOCATION	L0001501	VOLUME	480136.085	3763561.357	593.21
LOCATION	L0001502	VOLUME	480137.303	3763566.206	593.28
LOCATION	L0001503	VOLUME	480138.521	3763571.055	593.33
LOCATION	L0001504	VOLUME	480139.739	3763575.905	593.39
LOCATION	L0001505	VOLUME	480140.957	3763580.754	593.43
LOCATION	L0001506	VOLUME	480142.174	3763585.604	593.43
LOCATION	L0001507	VOLUME	480143.392	3763590.453	593.47
LOCATION	L0001508	VOLUME	480144.610	3763595.303	593.55
LOCATION	L0001509	VOLUME	480145.828	3763600.152	593.65
LOCATION	L0001510	VOLUME	480147.046	3763605.001	593.77
LOCATION	L0001511	VOLUME	480148.263	3763609.851	593.88
LOCATION	L0001512	VOLUME	480149.481	3763614.700	593.99
LOCATION	L0001513	VOLUME	480150.699	3763619.550	594.15
LOCATION	L0001514	VOLUME	480151.917	3763624.399	594.23
LOCATION	L0001515	VOLUME	480153.134	3763629.249	594.28
LOCATION	L0001516	VOLUME	480154.352	3763634.098	594.39
LOCATION	L0001517	VOLUME	480155.570	3763638.947	594.51
LOCATION	L0001518	VOLUME	480156.788	3763643.797	594.73
LOCATION	L0001519	VOLUME	480158.006	3763648.646	594.99
LOCATION	L0001520	VOLUME	480159.223	3763653.496	595.02
LOCATION	L0001521	VOLUME	480160.441	3763658.345	594.98
LOCATION	L0001522	VOLUME	480161.659	3763663.195	594.74
LOCATION	L0001523	VOLUME	480162.877	3763668.044	594.31
LOCATION	L0001524	VOLUME	480164.095	3763672.893	593.62
** End of LINE VOLUME Source ID = UNPAVED					
LOCATION	FLARE1	POINT	480412.850	3764105.970	478.460
** Source Parameters **					
SRCPARAM	EQUIPMENT		1.2505E-07	1.524	12
AREAVERT	EQUIPMENT		480099.949	3764044.905	479927.544
					3763799.910

Appendix C – AERMOD RUN – NITROGEN OXIDES

AREA	VERT	EQUIPMENT	479942.667	3763600.283	479612.982	3763582.136
AREA	VERT	EQUIPMENT	479546.440	3763524.667	479780.458	3763095.952
AREA	VERT	EQUIPMENT	480011.546	3763159.246	480198.584	3763204.502
AREA	VERT	EQUIPMENT	480458.498	3763342.425	480481.053	3763603.308
AREA	VERT	EQUIPMENT	480281.427	3764041.881	480160.441	3764087.250
**	LINE	VOLUME Source ID	=	PAVED		
	SRCPARAM	L0001144	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001145	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001146	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001147	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001148	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001149	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001150	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001151	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001152	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001153	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001154	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001155	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001156	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001157	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001158	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001159	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001160	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001161	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001162	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001163	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001164	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001165	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001166	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001167	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001168	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001169	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001170	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001171	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001172	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001173	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001174	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001175	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001176	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001177	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001178	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001179	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001180	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001181	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001182	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001183	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001184	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001185	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001186	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001187	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001188	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001189	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001190	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001191	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001192	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001193	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001194	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001195	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001196	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001197	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001198	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001199	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001200	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001201	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001202	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001203	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001204	0.0005390947	0.00	2.33	2.33
	SRCPARAM	L0001205	0.0005390947	0.00	2.33	2.33

Appendix C – AERMOD RUN – NITROGEN OXIDES

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SRCPARAM	L0001476	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001477	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001478	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001479	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001480	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001481	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001482	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001483	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001484	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001485	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001486	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001487	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001488	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001489	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001490	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001491	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001492	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001493	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001494	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001495	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001496	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001497	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001498	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001499	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001500	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001501	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001502	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001503	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001504	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001505	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001506	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001507	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001508	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001509	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001510	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001511	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001512	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001513	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001514	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001515	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001516	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001517	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001518	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001519	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001520	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001521	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001522	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001523	0.0004202899	0.00	2.33	2.33
SRCPARAM	L0001524	0.0004202899	0.00	2.33	2.33
** -----					
SRCPARAM	FLARE1	0.0521571	12.192	1033.150	0.16800
URBANSRC	ALL				2.743
** Variable Emissions Type: "By Hour-of-Day (HROFDY)"					
** Variable Emission Scenario: "Scenario 1"					
EMISFACT	EQUIPMENT	HROFDY	0.0	0.0	0.0
EMISFACT	EQUIPMENT	HROFDY	0.0	0.0	1.0
EMISFACT	EQUIPMENT	HROFDY	1.0	1.0	1.0
EMISFACT	EQUIPMENT	HROFDY	0.0	0.0	0.0
EMISFACT	L0001144	HROFDY	0.0	0.0	0.0
EMISFACT	L0001144	HROFDY	0.0	0.0	1.0
EMISFACT	L0001144	HROFDY	1.0	1.0	1.0
EMISFACT	L0001144	HROFDY	0.0	0.0	0.0
EMISFACT	L0001145	HROFDY	0.0	0.0	0.0
EMISFACT	L0001145	HROFDY	0.0	0.0	1.0
EMISFACT	L0001145	HROFDY	1.0	1.0	1.0
EMISFACT	L0001145	HROFDY	0.0	0.0	0.0
EMISFACT	L0001146	HROFDY	0.0	0.0	0.0

Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

[illegible]

Appendix C – AERMOD RUN – NITROGEN OXIDES

[illegible]

Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

[illegible]

Appendix C – AERMOD RUN – NITROGEN OXIDES

[illegible]

Appendix C – AERMOD RUN – NITROGEN OXIDES

[illegible]

Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

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Appendix C – AERMOD RUN – NITROGEN OXIDES

[illegible]

Appendix C – AERMOD RUN – NITROGEN OXIDES

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EMISFACT L0001520 HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001520 HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001520 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001521 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001521 HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001521 HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001521 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001522 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001522 HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001522 HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001522 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001523 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001523 HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001523 HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001523 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001524 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001524 HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0001524 HROFDY 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001524 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED STSL_NOX.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE Met\RDLD_v9.SFC
  PROFFILE Met\RDLD_v9.PFL
  SURFDATA 3171 2012
  UAIRDATA 3190 2012
  SITEDATA 99999 2012
  PROFBASE 481.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST 8TH
  RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST STSL_NOX.AD\01H1GALL.PLT 31
  PLOTFILE 1 ALL 8TH STSL_NOX.AD\01H8GALL.PLT 32
OU FINISHED

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

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

A Total of      0 Fatal Error Message(s)
A Total of      3 Warning Message(s)
A Total of      0 Informational Message(s)

```

Appendix C – AERMOD RUN – NITROGEN OXIDES

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

***** WARNING MESSAGES *****
CO W362 28 COCARD: Multiyear 1h NO2/SO2 processing not applicable for NOCHKD
ME W186 2423 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2423 MEOPEN: ADJ_U* Option for Low Winds used in AERMET

*** SETUP Finishes Successfully ***

Appendix C – AERMOD RUN – NITROGEN OXIDES

```
*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 1

*** MODEL SETUP OPTIONS SUMMARY ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.

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

**Model Uses Urban Dispersion Algorithm for the SBL for 383 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
   with a Minimum NO2/NOx Ratio of 0.500
   and a Maximum NO2/NOx Ratio of 0.900
7. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:
NOCHKD - Suppresses checking of date sequence in meteorology files
ADJ_U* - Use ADJ_U* BETA option for SBL in AERMET
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**NOTE: Special processing requirements applicable for the 1-hour NO2 NAAQS have been disabled!!!
User has specified non-standard averaging periods:
High ranked 1-hour values are NOT averaged across the number of years modeled, and
complete years of data are NOT required.

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

**This Run Includes: 383 Source(s); 1 Source Group(s); and 19 Receptor(s)

with: 1 POINT(s), including
      0 POINTCAP(s) and 0 POINTHOR(s)
and: 381 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
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
```


Appendix C – AERMOD RUN – NITROGEN OXIDES

b for Both Calm and Missing Hours

```
**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
                  Emission Units = GRAMS/SEC                ; Emission Rate Unit Factor = 0.10000E+07
                  Output Units   = MICROGRAMS/M**3
```

```
**Approximate Storage Requirements of Model = 3.9 MB of RAM.
```

```
**Detailed Error/Message File: STSL_NOx.err
```

Appendix C – AERMOD RUN – NITROGEN OXIDES

```

*** AERMOD - VERSION 16216r ***   *** C:\AERMOD\STSL_NOx\STSL_NOx.isc   ***   11/05/18
*** AERMET - VERSION 16216 ***   ***                                     ***   23:23:45
*** MODELOPTs:   NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*          ***   PAGE 2

```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
FLARE1	0	0.52157E-01	480412.8	3764106.0	478.5	12.19	1033.15	0.17	2.74	NO	YES	NO	

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 3

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001144	0	0.53909E-03	480446.9	3764057.9	477.9	0.00	2.33	2.33	YES	HROFDY
L0001145	0	0.53909E-03	480442.5	3764060.1	478.0	0.00	2.33	2.33	YES	HROFDY
L0001146	0	0.53909E-03	480438.0	3764062.4	477.9	0.00	2.33	2.33	YES	HROFDY
L0001147	0	0.53909E-03	480433.5	3764064.7	477.9	0.00	2.33	2.33	YES	HROFDY
L0001148	0	0.53909E-03	480429.1	3764066.9	477.9	0.00	2.33	2.33	YES	HROFDY
L0001149	0	0.53909E-03	480424.6	3764069.2	477.9	0.00	2.33	2.33	YES	HROFDY
L0001150	0	0.53909E-03	480420.2	3764071.4	477.8	0.00	2.33	2.33	YES	HROFDY
L0001151	0	0.53909E-03	480415.7	3764073.7	477.8	0.00	2.33	2.33	YES	HROFDY
L0001152	0	0.53909E-03	480411.2	3764076.0	477.7	0.00	2.33	2.33	YES	HROFDY
L0001153	0	0.53909E-03	480406.8	3764078.2	477.6	0.00	2.33	2.33	YES	HROFDY
L0001154	0	0.53909E-03	480402.3	3764080.5	477.6	0.00	2.33	2.33	YES	HROFDY
L0001155	0	0.53909E-03	480397.9	3764082.8	477.7	0.00	2.33	2.33	YES	HROFDY
L0001156	0	0.53909E-03	480393.4	3764085.0	477.7	0.00	2.33	2.33	YES	HROFDY
L0001157	0	0.53909E-03	480388.9	3764087.3	477.8	0.00	2.33	2.33	YES	HROFDY
L0001158	0	0.53909E-03	480384.5	3764089.5	477.9	0.00	2.33	2.33	YES	HROFDY
L0001159	0	0.53909E-03	480380.0	3764091.8	478.2	0.00	2.33	2.33	YES	HROFDY
L0001160	0	0.53909E-03	480375.6	3764094.1	478.7	0.00	2.33	2.33	YES	HROFDY
L0001161	0	0.53909E-03	480371.1	3764096.3	478.9	0.00	2.33	2.33	YES	HROFDY
L0001162	0	0.53909E-03	480366.6	3764098.6	478.9	0.00	2.33	2.33	YES	HROFDY
L0001163	0	0.53909E-03	480362.2	3764100.8	479.3	0.00	2.33	2.33	YES	HROFDY
L0001164	0	0.53909E-03	480357.7	3764103.1	480.0	0.00	2.33	2.33	YES	HROFDY
L0001165	0	0.53909E-03	480353.3	3764105.4	480.4	0.00	2.33	2.33	YES	HROFDY
L0001166	0	0.53909E-03	480349.0	3764108.0	480.5	0.00	2.33	2.33	YES	HROFDY
L0001167	0	0.53909E-03	480344.7	3764110.5	481.0	0.00	2.33	2.33	YES	HROFDY
L0001168	0	0.53909E-03	480340.3	3764113.0	481.7	0.00	2.33	2.33	YES	HROFDY
L0001169	0	0.53909E-03	480336.0	3764115.5	482.1	0.00	2.33	2.33	YES	HROFDY
L0001170	0	0.53909E-03	480331.7	3764118.0	482.4	0.00	2.33	2.33	YES	HROFDY
L0001171	0	0.53909E-03	480327.4	3764120.6	482.9	0.00	2.33	2.33	YES	HROFDY
L0001172	0	0.53909E-03	480323.1	3764123.1	483.2	0.00	2.33	2.33	YES	HROFDY
L0001173	0	0.53909E-03	480318.8	3764125.6	483.6	0.00	2.33	2.33	YES	HROFDY
L0001174	0	0.53909E-03	480314.4	3764128.1	484.2	0.00	2.33	2.33	YES	HROFDY
L0001175	0	0.53909E-03	480310.1	3764130.6	484.8	0.00	2.33	2.33	YES	HROFDY
L0001176	0	0.53909E-03	480305.8	3764133.1	485.2	0.00	2.33	2.33	YES	HROFDY
L0001177	0	0.53909E-03	480301.5	3764135.7	486.1	0.00	2.33	2.33	YES	HROFDY
L0001178	0	0.53909E-03	480297.2	3764138.2	486.7	0.00	2.33	2.33	YES	HROFDY
L0001179	0	0.53909E-03	480292.8	3764140.7	486.8	0.00	2.33	2.33	YES	HROFDY
L0001180	0	0.53909E-03	480288.5	3764143.2	486.9	0.00	2.33	2.33	YES	HROFDY
L0001181	0	0.53909E-03	480284.2	3764145.7	487.7	0.00	2.33	2.33	YES	HROFDY
L0001182	0	0.53909E-03	480279.9	3764148.3	488.2	0.00	2.33	2.33	YES	HROFDY
L0001183	0	0.53909E-03	480275.6	3764150.8	488.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 4

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001184	0	0.53909E-03	480271.2	3764153.3	488.4	0.00	2.33	2.33	YES	HROFDY
L0001185	0	0.53909E-03	480266.9	3764155.8	488.8	0.00	2.33	2.33	YES	HROFDY
L0001186	0	0.53909E-03	480262.6	3764158.3	489.3	0.00	2.33	2.33	YES	HROFDY
L0001187	0	0.53909E-03	480258.3	3764160.9	489.8	0.00	2.33	2.33	YES	HROFDY
L0001188	0	0.53909E-03	480253.5	3764161.6	490.2	0.00	2.33	2.33	YES	HROFDY
L0001189	0	0.53909E-03	480248.5	3764161.5	490.7	0.00	2.33	2.33	YES	HROFDY
L0001190	0	0.53909E-03	480243.5	3764161.5	491.2	0.00	2.33	2.33	YES	HROFDY
L0001191	0	0.53909E-03	480238.5	3764161.4	491.7	0.00	2.33	2.33	YES	HROFDY
L0001192	0	0.53909E-03	480233.5	3764161.4	492.2	0.00	2.33	2.33	YES	HROFDY
L0001193	0	0.53909E-03	480228.5	3764161.3	492.6	0.00	2.33	2.33	YES	HROFDY
L0001194	0	0.53909E-03	480223.5	3764161.3	493.0	0.00	2.33	2.33	YES	HROFDY
L0001195	0	0.53909E-03	480218.5	3764161.2	493.5	0.00	2.33	2.33	YES	HROFDY
L0001196	0	0.53909E-03	480213.5	3764161.2	494.0	0.00	2.33	2.33	YES	HROFDY
L0001197	0	0.53909E-03	480208.5	3764161.1	494.4	0.00	2.33	2.33	YES	HROFDY
L0001198	0	0.53909E-03	480203.5	3764161.1	494.9	0.00	2.33	2.33	YES	HROFDY
L0001199	0	0.53909E-03	480198.5	3764161.0	495.3	0.00	2.33	2.33	YES	HROFDY
L0001200	0	0.53909E-03	480193.5	3764161.0	495.8	0.00	2.33	2.33	YES	HROFDY
L0001201	0	0.53909E-03	480188.5	3764160.9	496.2	0.00	2.33	2.33	YES	HROFDY
L0001202	0	0.53909E-03	480183.5	3764160.9	496.6	0.00	2.33	2.33	YES	HROFDY
L0001203	0	0.53909E-03	480178.5	3764160.8	497.1	0.00	2.33	2.33	YES	HROFDY
L0001204	0	0.53909E-03	480173.5	3764160.8	497.5	0.00	2.33	2.33	YES	HROFDY
L0001205	0	0.53909E-03	480168.5	3764160.7	498.0	0.00	2.33	2.33	YES	HROFDY
L0001206	0	0.53909E-03	480163.5	3764160.6	498.4	0.00	2.33	2.33	YES	HROFDY
L0001207	0	0.53909E-03	480158.5	3764160.6	498.8	0.00	2.33	2.33	YES	HROFDY
L0001208	0	0.53909E-03	480153.5	3764160.5	499.2	0.00	2.33	2.33	YES	HROFDY
L0001209	0	0.53909E-03	480148.5	3764160.5	499.6	0.00	2.33	2.33	YES	HROFDY
L0001210	0	0.53909E-03	480143.5	3764160.4	499.9	0.00	2.33	2.33	YES	HROFDY
L0001211	0	0.53909E-03	480138.5	3764160.4	500.2	0.00	2.33	2.33	YES	HROFDY
L0001212	0	0.53909E-03	480133.5	3764160.3	500.6	0.00	2.33	2.33	YES	HROFDY
L0001213	0	0.53909E-03	480128.5	3764160.3	501.0	0.00	2.33	2.33	YES	HROFDY
L0001214	0	0.53909E-03	480123.9	3764159.2	501.4	0.00	2.33	2.33	YES	HROFDY
L0001215	0	0.53909E-03	480120.3	3764155.8	501.7	0.00	2.33	2.33	YES	HROFDY
L0001216	0	0.53909E-03	480116.6	3764152.4	502.2	0.00	2.33	2.33	YES	HROFDY
L0001217	0	0.53909E-03	480112.9	3764149.0	502.8	0.00	2.33	2.33	YES	HROFDY
L0001218	0	0.53909E-03	480109.2	3764145.6	503.1	0.00	2.33	2.33	YES	HROFDY
L0001219	0	0.53909E-03	480105.6	3764142.2	503.6	0.00	2.33	2.33	YES	HROFDY
L0001220	0	0.53909E-03	480101.9	3764138.8	504.0	0.00	2.33	2.33	YES	HROFDY
L0001221	0	0.53909E-03	480098.2	3764135.4	504.5	0.00	2.33	2.33	YES	HROFDY
L0001222	0	0.53909E-03	480094.6	3764132.0	505.0	0.00	2.33	2.33	YES	HROFDY
L0001223	0	0.53909E-03	480090.9	3764128.6	505.4	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 5

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001224	0	0.53909E-03	480088.6	3764124.6	505.7	0.00	2.33	2.33	YES	HROFDY
L0001225	0	0.53909E-03	480088.9	3764119.6	506.1	0.00	2.33	2.33	YES	HROFDY
L0001226	0	0.53909E-03	480089.1	3764114.6	506.4	0.00	2.33	2.33	YES	HROFDY
L0001227	0	0.53909E-03	480089.3	3764109.6	506.8	0.00	2.33	2.33	YES	HROFDY
L0001228	0	0.53909E-03	480089.6	3764104.6	507.2	0.00	2.33	2.33	YES	HROFDY
L0001229	0	0.53909E-03	480089.8	3764099.6	507.6	0.00	2.33	2.33	YES	HROFDY
L0001230	0	0.53909E-03	480090.0	3764094.7	507.9	0.00	2.33	2.33	YES	HROFDY
L0001231	0	0.53909E-03	480090.2	3764089.7	508.3	0.00	2.33	2.33	YES	HROFDY
L0001232	0	0.53909E-03	480090.5	3764084.7	508.6	0.00	2.33	2.33	YES	HROFDY
L0001233	0	0.53909E-03	480092.2	3764080.4	508.9	0.00	2.33	2.33	YES	HROFDY
L0001234	0	0.53909E-03	480095.9	3764077.0	509.2	0.00	2.33	2.33	YES	HROFDY
L0001235	0	0.53909E-03	480099.6	3764073.7	509.5	0.00	2.33	2.33	YES	HROFDY
L0001236	0	0.53909E-03	480103.3	3764070.3	509.9	0.00	2.33	2.33	YES	HROFDY
L0001237	0	0.53909E-03	480107.0	3764067.0	510.2	0.00	2.33	2.33	YES	HROFDY
L0001238	0	0.53909E-03	480110.7	3764063.6	510.5	0.00	2.33	2.33	YES	HROFDY
L0001239	0	0.53909E-03	480114.4	3764060.3	510.9	0.00	2.33	2.33	YES	HROFDY
L0001240	0	0.53909E-03	480118.1	3764056.9	511.2	0.00	2.33	2.33	YES	HROFDY
L0001241	0	0.53909E-03	480123.0	3764057.3	511.4	0.00	2.33	2.33	YES	HROFDY
L0001242	0	0.53909E-03	480128.0	3764057.9	511.7	0.00	2.33	2.33	YES	HROFDY
L0001243	0	0.53909E-03	480133.0	3764058.5	512.0	0.00	2.33	2.33	YES	HROFDY
L0001244	0	0.53909E-03	480137.9	3764059.1	512.3	0.00	2.33	2.33	YES	HROFDY
L0001245	0	0.53909E-03	480142.9	3764059.6	512.7	0.00	2.33	2.33	YES	HROFDY
L0001246	0	0.53909E-03	480147.9	3764060.2	513.1	0.00	2.33	2.33	YES	HROFDY
L0001247	0	0.53909E-03	480152.8	3764060.8	513.4	0.00	2.33	2.33	YES	HROFDY
L0001248	0	0.53909E-03	480157.8	3764061.4	513.7	0.00	2.33	2.33	YES	HROFDY
L0001249	0	0.53909E-03	480162.8	3764062.0	514.1	0.00	2.33	2.33	YES	HROFDY
L0001250	0	0.53909E-03	480167.7	3764062.6	514.6	0.00	2.33	2.33	YES	HROFDY
L0001251	0	0.53909E-03	480172.7	3764063.1	515.0	0.00	2.33	2.33	YES	HROFDY
L0001252	0	0.53909E-03	480177.7	3764063.7	515.3	0.00	2.33	2.33	YES	HROFDY
L0001253	0	0.53909E-03	480182.6	3764064.3	515.5	0.00	2.33	2.33	YES	HROFDY
L0001254	0	0.53909E-03	480187.6	3764064.8	515.6	0.00	2.33	2.33	YES	HROFDY
L0001255	0	0.53909E-03	480192.4	3764063.4	516.0	0.00	2.33	2.33	YES	HROFDY
L0001256	0	0.53909E-03	480197.2	3764062.1	516.3	0.00	2.33	2.33	YES	HROFDY
L0001257	0	0.53909E-03	480202.0	3764060.8	516.6	0.00	2.33	2.33	YES	HROFDY
L0001258	0	0.53909E-03	480206.9	3764059.4	516.9	0.00	2.33	2.33	YES	HROFDY
L0001259	0	0.53909E-03	480211.7	3764058.1	517.3	0.00	2.33	2.33	YES	HROFDY
L0001260	0	0.53909E-03	480216.5	3764056.7	517.6	0.00	2.33	2.33	YES	HROFDY
L0001261	0	0.53909E-03	480221.3	3764055.4	517.8	0.00	2.33	2.33	YES	HROFDY
L0001262	0	0.53909E-03	480226.1	3764054.0	518.2	0.00	2.33	2.33	YES	HROFDY
L0001263	0	0.53909E-03	480230.9	3764052.7	518.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 6

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001264	0	0.53909E-03	480234.7	3764049.9	518.7	0.00	2.33	2.33	YES	HROFDY
L0001265	0	0.53909E-03	480237.4	3764045.7	519.1	0.00	2.33	2.33	YES	HROFDY
L0001266	0	0.53909E-03	480240.0	3764041.5	519.4	0.00	2.33	2.33	YES	HROFDY
L0001267	0	0.53909E-03	480242.7	3764037.2	519.7	0.00	2.33	2.33	YES	HROFDY
L0001268	0	0.53909E-03	480245.4	3764033.0	520.0	0.00	2.33	2.33	YES	HROFDY
L0001269	0	0.53909E-03	480248.1	3764028.8	520.5	0.00	2.33	2.33	YES	HROFDY
L0001270	0	0.53909E-03	480250.8	3764024.6	521.1	0.00	2.33	2.33	YES	HROFDY
L0001271	0	0.53909E-03	480253.5	3764020.4	521.4	0.00	2.33	2.33	YES	HROFDY
L0001272	0	0.53909E-03	480256.1	3764016.1	521.9	0.00	2.33	2.33	YES	HROFDY
L0001273	0	0.53909E-03	480258.8	3764011.9	522.4	0.00	2.33	2.33	YES	HROFDY
L0001274	0	0.53909E-03	480261.5	3764007.7	522.8	0.00	2.33	2.33	YES	HROFDY
L0001275	0	0.53909E-03	480264.2	3764003.5	523.2	0.00	2.33	2.33	YES	HROFDY
L0001276	0	0.53909E-03	480266.9	3763999.3	523.7	0.00	2.33	2.33	YES	HROFDY
L0001277	0	0.53909E-03	480269.6	3763995.0	524.2	0.00	2.33	2.33	YES	HROFDY
L0001278	0	0.53909E-03	480272.2	3763990.8	524.2	0.00	2.33	2.33	YES	HROFDY
L0001279	0	0.53909E-03	480274.9	3763986.6	524.6	0.00	2.33	2.33	YES	HROFDY
L0001280	0	0.53909E-03	480277.6	3763982.4	525.0	0.00	2.33	2.33	YES	HROFDY
L0001281	0	0.53909E-03	480280.3	3763978.2	524.7	0.00	2.33	2.33	YES	HROFDY
L0001282	0	0.53909E-03	480283.0	3763974.0	525.2	0.00	2.33	2.33	YES	HROFDY
L0001283	0	0.53909E-03	480285.7	3763969.7	525.6	0.00	2.33	2.33	YES	HROFDY
L0001284	0	0.53909E-03	480288.3	3763965.5	525.8	0.00	2.33	2.33	YES	HROFDY
L0001285	0	0.53909E-03	480291.0	3763961.3	525.9	0.00	2.33	2.33	YES	HROFDY
L0001286	0	0.53909E-03	480293.7	3763957.1	526.2	0.00	2.33	2.33	YES	HROFDY
L0001287	0	0.53909E-03	480296.4	3763952.9	526.3	0.00	2.33	2.33	YES	HROFDY
L0001288	0	0.53909E-03	480299.1	3763948.6	526.3	0.00	2.33	2.33	YES	HROFDY
L0001289	0	0.53909E-03	480301.8	3763944.4	526.8	0.00	2.33	2.33	YES	HROFDY
L0001290	0	0.53909E-03	480304.4	3763940.2	527.1	0.00	2.33	2.33	YES	HROFDY
L0001291	0	0.53909E-03	480307.1	3763936.0	527.1	0.00	2.33	2.33	YES	HROFDY
L0001292	0	0.53909E-03	480309.8	3763931.8	527.5	0.00	2.33	2.33	YES	HROFDY
L0001293	0	0.53909E-03	480312.5	3763927.5	527.8	0.00	2.33	2.33	YES	HROFDY
L0001294	0	0.53909E-03	480315.2	3763923.3	527.9	0.00	2.33	2.33	YES	HROFDY
L0001295	0	0.53909E-03	480317.9	3763919.1	528.2	0.00	2.33	2.33	YES	HROFDY
L0001296	0	0.53909E-03	480320.5	3763914.9	528.4	0.00	2.33	2.33	YES	HROFDY
L0001297	0	0.53909E-03	480323.2	3763910.7	528.7	0.00	2.33	2.33	YES	HROFDY
L0001298	0	0.53909E-03	480325.9	3763906.4	529.1	0.00	2.33	2.33	YES	HROFDY
L0001299	0	0.53909E-03	480327.7	3763901.8	529.4	0.00	2.33	2.33	YES	HROFDY
L0001300	0	0.53909E-03	480329.2	3763897.0	529.5	0.00	2.33	2.33	YES	HROFDY
L0001301	0	0.53909E-03	480330.6	3763892.3	529.8	0.00	2.33	2.33	YES	HROFDY
L0001302	0	0.53909E-03	480332.1	3763887.5	530.1	0.00	2.33	2.33	YES	HROFDY
L0001303	0	0.53909E-03	480333.5	3763882.7	530.4	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 7

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001304	0	0.53909E-03	480334.9	3763877.9	530.8	0.00	2.33	2.33	YES	HROFDY
L0001305	0	0.53909E-03	480336.4	3763873.1	531.1	0.00	2.33	2.33	YES	HROFDY
L0001306	0	0.53909E-03	480337.8	3763868.3	531.2	0.00	2.33	2.33	YES	HROFDY
L0001307	0	0.53909E-03	480339.3	3763863.5	531.4	0.00	2.33	2.33	YES	HROFDY
L0001308	0	0.53909E-03	480340.7	3763858.8	531.7	0.00	2.33	2.33	YES	HROFDY
L0001309	0	0.53909E-03	480342.2	3763854.0	532.3	0.00	2.33	2.33	YES	HROFDY
L0001310	0	0.53909E-03	480343.6	3763849.2	532.6	0.00	2.33	2.33	YES	HROFDY
L0001311	0	0.53909E-03	480345.1	3763844.4	532.8	0.00	2.33	2.33	YES	HROFDY
L0001312	0	0.53909E-03	480346.5	3763839.6	533.0	0.00	2.33	2.33	YES	HROFDY
L0001313	0	0.53909E-03	480348.0	3763834.8	533.0	0.00	2.33	2.33	YES	HROFDY
L0001314	0	0.53909E-03	480349.4	3763830.0	533.3	0.00	2.33	2.33	YES	HROFDY
L0001315	0	0.53909E-03	480350.9	3763825.2	534.1	0.00	2.33	2.33	YES	HROFDY
L0001316	0	0.53909E-03	480352.3	3763820.5	534.6	0.00	2.33	2.33	YES	HROFDY
L0001317	0	0.53909E-03	480353.7	3763815.7	534.9	0.00	2.33	2.33	YES	HROFDY
L0001318	0	0.53909E-03	480355.2	3763810.9	535.1	0.00	2.33	2.33	YES	HROFDY
L0001319	0	0.53909E-03	480356.6	3763806.1	535.0	0.00	2.33	2.33	YES	HROFDY
L0001320	0	0.53909E-03	480358.1	3763801.3	535.1	0.00	2.33	2.33	YES	HROFDY
L0001321	0	0.53909E-03	480359.5	3763796.5	535.7	0.00	2.33	2.33	YES	HROFDY
L0001322	0	0.53909E-03	480361.0	3763791.7	536.0	0.00	2.33	2.33	YES	HROFDY
L0001323	0	0.53909E-03	480362.4	3763787.0	536.3	0.00	2.33	2.33	YES	HROFDY
L0001324	0	0.53909E-03	480363.9	3763782.2	536.5	0.00	2.33	2.33	YES	HROFDY
L0001325	0	0.53909E-03	480365.3	3763777.4	536.7	0.00	2.33	2.33	YES	HROFDY
L0001326	0	0.53909E-03	480367.6	3763773.0	536.8	0.00	2.33	2.33	YES	HROFDY
L0001327	0	0.53909E-03	480370.6	3763769.0	537.4	0.00	2.33	2.33	YES	HROFDY
L0001328	0	0.53909E-03	480373.5	3763764.9	537.6	0.00	2.33	2.33	YES	HROFDY
L0001329	0	0.53909E-03	480376.5	3763760.9	537.9	0.00	2.33	2.33	YES	HROFDY
L0001330	0	0.53909E-03	480379.4	3763756.9	538.4	0.00	2.33	2.33	YES	HROFDY
L0001331	0	0.53909E-03	480382.4	3763752.8	538.5	0.00	2.33	2.33	YES	HROFDY
L0001332	0	0.53909E-03	480385.3	3763748.8	539.0	0.00	2.33	2.33	YES	HROFDY
L0001333	0	0.53909E-03	480388.3	3763744.8	539.3	0.00	2.33	2.33	YES	HROFDY
L0001334	0	0.53909E-03	480391.2	3763740.7	539.4	0.00	2.33	2.33	YES	HROFDY
L0001335	0	0.53909E-03	480394.2	3763736.7	539.9	0.00	2.33	2.33	YES	HROFDY
L0001336	0	0.53909E-03	480397.1	3763732.7	540.2	0.00	2.33	2.33	YES	HROFDY
L0001337	0	0.53909E-03	480400.1	3763728.6	540.1	0.00	2.33	2.33	YES	HROFDY
L0001338	0	0.53909E-03	480403.0	3763724.6	540.3	0.00	2.33	2.33	YES	HROFDY
L0001339	0	0.53909E-03	480406.0	3763720.5	540.7	0.00	2.33	2.33	YES	HROFDY
L0001340	0	0.53909E-03	480408.9	3763716.5	541.0	0.00	2.33	2.33	YES	HROFDY
L0001341	0	0.53909E-03	480411.9	3763712.5	541.3	0.00	2.33	2.33	YES	HROFDY
L0001342	0	0.53909E-03	480414.8	3763708.4	541.6	0.00	2.33	2.33	YES	HROFDY
L0001343	0	0.53909E-03	480417.8	3763704.4	541.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 8

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001344	0	0.53909E-03	480420.7	3763700.4	542.1	0.00	2.33	2.33	YES	HROFDY
L0001345	0	0.53909E-03	480423.7	3763696.3	542.4	0.00	2.33	2.33	YES	HROFDY
L0001346	0	0.53909E-03	480426.6	3763692.3	542.5	0.00	2.33	2.33	YES	HROFDY
L0001347	0	0.53909E-03	480429.6	3763688.3	543.0	0.00	2.33	2.33	YES	HROFDY
L0001348	0	0.53909E-03	480432.5	3763684.2	543.3	0.00	2.33	2.33	YES	HROFDY
L0001349	0	0.53909E-03	480435.5	3763680.2	543.3	0.00	2.33	2.33	YES	HROFDY
L0001350	0	0.53909E-03	480438.4	3763676.1	543.8	0.00	2.33	2.33	YES	HROFDY
L0001351	0	0.53909E-03	480441.4	3763672.1	544.0	0.00	2.33	2.33	YES	HROFDY
L0001352	0	0.53909E-03	480444.3	3763668.1	544.1	0.00	2.33	2.33	YES	HROFDY
L0001353	0	0.53909E-03	480447.3	3763664.0	544.3	0.00	2.33	2.33	YES	HROFDY
L0001354	0	0.53909E-03	480450.2	3763660.0	544.6	0.00	2.33	2.33	YES	HROFDY
L0001355	0	0.53909E-03	480451.1	3763655.1	544.9	0.00	2.33	2.33	YES	HROFDY
L0001356	0	0.53909E-03	480451.7	3763650.2	545.2	0.00	2.33	2.33	YES	HROFDY
L0001357	0	0.53909E-03	480452.3	3763645.2	545.4	0.00	2.33	2.33	YES	HROFDY
L0001358	0	0.53909E-03	480452.9	3763640.2	545.7	0.00	2.33	2.33	YES	HROFDY
L0001359	0	0.53909E-03	480453.5	3763635.3	546.0	0.00	2.33	2.33	YES	HROFDY
L0001360	0	0.53909E-03	480454.1	3763630.3	546.3	0.00	2.33	2.33	YES	HROFDY
L0001361	0	0.53909E-03	480454.7	3763625.3	546.7	0.00	2.33	2.33	YES	HROFDY
L0001362	0	0.53909E-03	480455.4	3763620.4	547.0	0.00	2.33	2.33	YES	HROFDY
L0001363	0	0.53909E-03	480456.0	3763615.4	547.3	0.00	2.33	2.33	YES	HROFDY
L0001364	0	0.53909E-03	480456.6	3763610.5	547.7	0.00	2.33	2.33	YES	HROFDY
L0001365	0	0.53909E-03	480457.2	3763605.5	548.0	0.00	2.33	2.33	YES	HROFDY
L0001366	0	0.53909E-03	480457.8	3763600.5	548.4	0.00	2.33	2.33	YES	HROFDY
L0001367	0	0.53909E-03	480458.4	3763595.6	548.8	0.00	2.33	2.33	YES	HROFDY
L0001368	0	0.53909E-03	480459.0	3763590.6	549.3	0.00	2.33	2.33	YES	HROFDY
L0001369	0	0.53909E-03	480457.5	3763586.2	549.8	0.00	2.33	2.33	YES	HROFDY
L0001370	0	0.53909E-03	480454.5	3763582.2	550.3	0.00	2.33	2.33	YES	HROFDY
L0001371	0	0.53909E-03	480451.5	3763578.2	550.6	0.00	2.33	2.33	YES	HROFDY
L0001372	0	0.53909E-03	480448.5	3763574.2	551.2	0.00	2.33	2.33	YES	HROFDY
L0001373	0	0.53909E-03	480445.5	3763570.2	551.7	0.00	2.33	2.33	YES	HROFDY
L0001374	0	0.53909E-03	480442.5	3763566.2	552.1	0.00	2.33	2.33	YES	HROFDY
L0001375	0	0.53909E-03	480439.5	3763562.2	552.7	0.00	2.33	2.33	YES	HROFDY
L0001376	0	0.53909E-03	480436.6	3763558.2	553.2	0.00	2.33	2.33	YES	HROFDY
L0001377	0	0.53909E-03	480433.6	3763554.2	553.8	0.00	2.33	2.33	YES	HROFDY
L0001378	0	0.53909E-03	480430.6	3763550.2	554.4	0.00	2.33	2.33	YES	HROFDY
L0001379	0	0.53909E-03	480427.6	3763546.2	554.9	0.00	2.33	2.33	YES	HROFDY
L0001380	0	0.53909E-03	480424.6	3763542.2	555.4	0.00	2.33	2.33	YES	HROFDY
L0001381	0	0.53909E-03	480421.6	3763538.2	555.8	0.00	2.33	2.33	YES	HROFDY
L0001382	0	0.53909E-03	480418.6	3763534.2	556.3	0.00	2.33	2.33	YES	HROFDY
L0001383	0	0.53909E-03	480415.6	3763530.2	556.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 9

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001384	0	0.53909E-03	480412.6	3763526.2	557.2	0.00	2.33	2.33	YES	HROFDY
L0001385	0	0.53909E-03	480409.6	3763522.1	557.7	0.00	2.33	2.33	YES	HROFDY
L0001386	0	0.53909E-03	480406.6	3763518.1	558.1	0.00	2.33	2.33	YES	HROFDY
L0001387	0	0.42029E-03	480397.0	3763514.2	559.5	0.00	2.33	2.33	YES	HROFDY
L0001388	0	0.42029E-03	480392.7	3763511.5	559.8	0.00	2.33	2.33	YES	HROFDY
L0001389	0	0.42029E-03	480388.5	3763508.9	560.3	0.00	2.33	2.33	YES	HROFDY
L0001390	0	0.42029E-03	480384.3	3763506.2	560.6	0.00	2.33	2.33	YES	HROFDY
L0001391	0	0.42029E-03	480380.0	3763503.6	561.5	0.00	2.33	2.33	YES	HROFDY
L0001392	0	0.42029E-03	480375.8	3763500.9	561.7	0.00	2.33	2.33	YES	HROFDY
L0001393	0	0.42029E-03	480371.6	3763498.2	562.1	0.00	2.33	2.33	YES	HROFDY
L0001394	0	0.42029E-03	480367.3	3763495.6	562.5	0.00	2.33	2.33	YES	HROFDY
L0001395	0	0.42029E-03	480363.1	3763492.9	563.5	0.00	2.33	2.33	YES	HROFDY
L0001396	0	0.42029E-03	480358.9	3763490.3	563.7	0.00	2.33	2.33	YES	HROFDY
L0001397	0	0.42029E-03	480354.6	3763487.6	564.0	0.00	2.33	2.33	YES	HROFDY
L0001398	0	0.42029E-03	480350.4	3763484.9	564.6	0.00	2.33	2.33	YES	HROFDY
L0001399	0	0.42029E-03	480346.2	3763482.3	565.6	0.00	2.33	2.33	YES	HROFDY
L0001400	0	0.42029E-03	480341.9	3763479.6	566.0	0.00	2.33	2.33	YES	HROFDY
L0001401	0	0.42029E-03	480337.7	3763477.0	566.3	0.00	2.33	2.33	YES	HROFDY
L0001402	0	0.42029E-03	480333.5	3763474.3	566.7	0.00	2.33	2.33	YES	HROFDY
L0001403	0	0.42029E-03	480329.2	3763471.6	567.2	0.00	2.33	2.33	YES	HROFDY
L0001404	0	0.42029E-03	480325.0	3763469.0	567.8	0.00	2.33	2.33	YES	HROFDY
L0001405	0	0.42029E-03	480320.5	3763468.1	568.2	0.00	2.33	2.33	YES	HROFDY
L0001406	0	0.42029E-03	480315.7	3763469.3	568.4	0.00	2.33	2.33	YES	HROFDY
L0001407	0	0.42029E-03	480310.8	3763470.6	568.7	0.00	2.33	2.33	YES	HROFDY
L0001408	0	0.42029E-03	480306.0	3763471.8	569.1	0.00	2.33	2.33	YES	HROFDY
L0001409	0	0.42029E-03	480301.1	3763473.1	569.4	0.00	2.33	2.33	YES	HROFDY
L0001410	0	0.42029E-03	480296.3	3763474.3	569.8	0.00	2.33	2.33	YES	HROFDY
L0001411	0	0.42029E-03	480291.4	3763475.6	570.3	0.00	2.33	2.33	YES	HROFDY
L0001412	0	0.42029E-03	480286.6	3763476.8	570.8	0.00	2.33	2.33	YES	HROFDY
L0001413	0	0.42029E-03	480281.8	3763478.1	571.2	0.00	2.33	2.33	YES	HROFDY
L0001414	0	0.42029E-03	480276.9	3763479.3	571.6	0.00	2.33	2.33	YES	HROFDY
L0001415	0	0.42029E-03	480272.1	3763480.6	572.0	0.00	2.33	2.33	YES	HROFDY
L0001416	0	0.42029E-03	480267.2	3763481.8	572.2	0.00	2.33	2.33	YES	HROFDY
L0001417	0	0.42029E-03	480262.4	3763483.1	572.4	0.00	2.33	2.33	YES	HROFDY
L0001418	0	0.42029E-03	480257.6	3763484.4	572.8	0.00	2.33	2.33	YES	HROFDY
L0001419	0	0.42029E-03	480252.7	3763485.6	573.4	0.00	2.33	2.33	YES	HROFDY
L0001420	0	0.42029E-03	480247.9	3763486.9	573.9	0.00	2.33	2.33	YES	HROFDY
L0001421	0	0.42029E-03	480242.9	3763487.4	574.3	0.00	2.33	2.33	YES	HROFDY
L0001422	0	0.42029E-03	480237.9	3763487.7	574.6	0.00	2.33	2.33	YES	HROFDY
L0001423	0	0.42029E-03	480232.9	3763488.0	575.1	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 10

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001424	0	0.42029E-03	480228.0	3763488.3	575.5	0.00	2.33	2.33	YES	HROFDY
L0001425	0	0.42029E-03	480223.0	3763488.6	575.8	0.00	2.33	2.33	YES	HROFDY
L0001426	0	0.42029E-03	480218.0	3763488.9	576.2	0.00	2.33	2.33	YES	HROFDY
L0001427	0	0.42029E-03	480213.0	3763489.2	576.6	0.00	2.33	2.33	YES	HROFDY
L0001428	0	0.42029E-03	480208.0	3763489.5	577.1	0.00	2.33	2.33	YES	HROFDY
L0001429	0	0.42029E-03	480203.0	3763489.8	577.6	0.00	2.33	2.33	YES	HROFDY
L0001430	0	0.42029E-03	480198.0	3763490.1	578.2	0.00	2.33	2.33	YES	HROFDY
L0001431	0	0.42029E-03	480193.0	3763490.4	578.9	0.00	2.33	2.33	YES	HROFDY
L0001432	0	0.42029E-03	480188.4	3763489.2	579.3	0.00	2.33	2.33	YES	HROFDY
L0001433	0	0.42029E-03	480184.0	3763486.7	579.3	0.00	2.33	2.33	YES	HROFDY
L0001434	0	0.42029E-03	480179.7	3763484.2	579.5	0.00	2.33	2.33	YES	HROFDY
L0001435	0	0.42029E-03	480175.3	3763481.7	580.0	0.00	2.33	2.33	YES	HROFDY
L0001436	0	0.42029E-03	480171.0	3763479.3	580.4	0.00	2.33	2.33	YES	HROFDY
L0001437	0	0.42029E-03	480166.7	3763476.8	580.8	0.00	2.33	2.33	YES	HROFDY
L0001438	0	0.42029E-03	480162.3	3763474.3	581.0	0.00	2.33	2.33	YES	HROFDY
L0001439	0	0.42029E-03	480158.0	3763471.8	581.5	0.00	2.33	2.33	YES	HROFDY
L0001440	0	0.42029E-03	480153.6	3763469.4	581.9	0.00	2.33	2.33	YES	HROFDY
L0001441	0	0.42029E-03	480149.3	3763466.9	582.3	0.00	2.33	2.33	YES	HROFDY
L0001442	0	0.42029E-03	480144.9	3763464.4	582.6	0.00	2.33	2.33	YES	HROFDY
L0001443	0	0.42029E-03	480140.6	3763461.9	583.1	0.00	2.33	2.33	YES	HROFDY
L0001444	0	0.42029E-03	480136.2	3763459.5	583.4	0.00	2.33	2.33	YES	HROFDY
L0001445	0	0.42029E-03	480131.9	3763457.0	583.9	0.00	2.33	2.33	YES	HROFDY
L0001446	0	0.42029E-03	480127.6	3763454.5	584.3	0.00	2.33	2.33	YES	HROFDY
L0001447	0	0.42029E-03	480123.2	3763452.0	584.8	0.00	2.33	2.33	YES	HROFDY
L0001448	0	0.42029E-03	480118.9	3763449.5	585.2	0.00	2.33	2.33	YES	HROFDY
L0001449	0	0.42029E-03	480115.1	3763446.2	585.6	0.00	2.33	2.33	YES	HROFDY
L0001450	0	0.42029E-03	480111.5	3763442.8	585.9	0.00	2.33	2.33	YES	HROFDY
L0001451	0	0.42029E-03	480107.9	3763439.4	586.5	0.00	2.33	2.33	YES	HROFDY
L0001452	0	0.42029E-03	480104.2	3763436.0	586.9	0.00	2.33	2.33	YES	HROFDY
L0001453	0	0.42029E-03	480100.6	3763432.5	587.0	0.00	2.33	2.33	YES	HROFDY
L0001454	0	0.42029E-03	480096.9	3763429.1	587.3	0.00	2.33	2.33	YES	HROFDY
L0001455	0	0.42029E-03	480093.3	3763425.7	587.8	0.00	2.33	2.33	YES	HROFDY
L0001456	0	0.42029E-03	480089.7	3763422.3	588.1	0.00	2.33	2.33	YES	HROFDY
L0001457	0	0.42029E-03	480086.0	3763418.8	588.5	0.00	2.33	2.33	YES	HROFDY
L0001458	0	0.42029E-03	480082.4	3763415.4	589.4	0.00	2.33	2.33	YES	HROFDY
L0001459	0	0.42029E-03	480078.7	3763412.0	589.4	0.00	2.33	2.33	YES	HROFDY
L0001460	0	0.42029E-03	480075.1	3763408.5	589.7	0.00	2.33	2.33	YES	HROFDY
L0001461	0	0.42029E-03	480071.2	3763406.4	590.3	0.00	2.33	2.33	YES	HROFDY
L0001462	0	0.42029E-03	480066.5	3763408.1	591.0	0.00	2.33	2.33	YES	HROFDY
L0001463	0	0.42029E-03	480061.9	3763409.9	591.2	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 11

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001464	0	0.42029E-03	480057.2	3763411.7	591.4	0.00	2.33	2.33	YES	HROFDY
L0001465	0	0.42029E-03	480052.6	3763413.6	591.6	0.00	2.33	2.33	YES	HROFDY
L0001466	0	0.42029E-03	480051.3	3763418.4	591.7	0.00	2.33	2.33	YES	HROFDY
L0001467	0	0.42029E-03	480049.9	3763423.2	591.7	0.00	2.33	2.33	YES	HROFDY
L0001468	0	0.42029E-03	480048.5	3763428.0	591.7	0.00	2.33	2.33	YES	HROFDY
L0001469	0	0.42029E-03	480047.7	3763432.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0001470	0	0.42029E-03	480051.2	3763436.2	591.7	0.00	2.33	2.33	YES	HROFDY
L0001471	0	0.42029E-03	480054.8	3763439.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0001472	0	0.42029E-03	480058.3	3763443.2	591.7	0.00	2.33	2.33	YES	HROFDY
L0001473	0	0.42029E-03	480061.9	3763446.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0001474	0	0.42029E-03	480065.4	3763450.3	591.7	0.00	2.33	2.33	YES	HROFDY
L0001475	0	0.42029E-03	480069.0	3763453.8	591.8	0.00	2.33	2.33	YES	HROFDY
L0001476	0	0.42029E-03	480072.6	3763457.3	591.8	0.00	2.33	2.33	YES	HROFDY
L0001477	0	0.42029E-03	480076.1	3763460.8	591.8	0.00	2.33	2.33	YES	HROFDY
L0001478	0	0.42029E-03	480079.7	3763464.3	591.9	0.00	2.33	2.33	YES	HROFDY
L0001479	0	0.42029E-03	480083.2	3763467.8	592.0	0.00	2.33	2.33	YES	HROFDY
L0001480	0	0.42029E-03	480086.8	3763471.3	591.9	0.00	2.33	2.33	YES	HROFDY
L0001481	0	0.42029E-03	480090.3	3763474.9	592.1	0.00	2.33	2.33	YES	HROFDY
L0001482	0	0.42029E-03	480093.9	3763478.4	592.1	0.00	2.33	2.33	YES	HROFDY
L0001483	0	0.42029E-03	480097.5	3763481.9	592.1	0.00	2.33	2.33	YES	HROFDY
L0001484	0	0.42029E-03	480101.0	3763485.4	592.4	0.00	2.33	2.33	YES	HROFDY
L0001485	0	0.42029E-03	480104.2	3763489.2	592.3	0.00	2.33	2.33	YES	HROFDY
L0001486	0	0.42029E-03	480106.9	3763493.4	592.4	0.00	2.33	2.33	YES	HROFDY
L0001487	0	0.42029E-03	480109.7	3763497.6	592.6	0.00	2.33	2.33	YES	HROFDY
L0001488	0	0.42029E-03	480112.4	3763501.8	592.6	0.00	2.33	2.33	YES	HROFDY
L0001489	0	0.42029E-03	480115.2	3763505.9	592.8	0.00	2.33	2.33	YES	HROFDY
L0001490	0	0.42029E-03	480117.9	3763510.1	592.8	0.00	2.33	2.33	YES	HROFDY
L0001491	0	0.42029E-03	480120.7	3763514.3	592.7	0.00	2.33	2.33	YES	HROFDY
L0001492	0	0.42029E-03	480123.5	3763518.4	592.6	0.00	2.33	2.33	YES	HROFDY
L0001493	0	0.42029E-03	480126.2	3763522.6	592.6	0.00	2.33	2.33	YES	HROFDY
L0001494	0	0.42029E-03	480127.6	3763527.4	592.6	0.00	2.33	2.33	YES	HROFDY
L0001495	0	0.42029E-03	480128.8	3763532.3	592.7	0.00	2.33	2.33	YES	HROFDY
L0001496	0	0.42029E-03	480130.0	3763537.1	592.7	0.00	2.33	2.33	YES	HROFDY
L0001497	0	0.42029E-03	480131.2	3763542.0	592.9	0.00	2.33	2.33	YES	HROFDY
L0001498	0	0.42029E-03	480132.4	3763546.8	593.0	0.00	2.33	2.33	YES	HROFDY
L0001499	0	0.42029E-03	480133.6	3763551.7	593.1	0.00	2.33	2.33	YES	HROFDY
L0001500	0	0.42029E-03	480134.9	3763556.5	593.1	0.00	2.33	2.33	YES	HROFDY
L0001501	0	0.42029E-03	480136.1	3763561.4	593.2	0.00	2.33	2.33	YES	HROFDY
L0001502	0	0.42029E-03	480137.3	3763566.2	593.3	0.00	2.33	2.33	YES	HROFDY
L0001503	0	0.42029E-03	480138.5	3763571.1	593.3	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 12

*** MODELOPTs: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001504	0	0.42029E-03	480139.7	3763575.9	593.4	0.00	2.33	2.33	YES	HROFDY
L0001505	0	0.42029E-03	480141.0	3763580.8	593.4	0.00	2.33	2.33	YES	HROFDY
L0001506	0	0.42029E-03	480142.2	3763585.6	593.4	0.00	2.33	2.33	YES	HROFDY
L0001507	0	0.42029E-03	480143.4	3763590.5	593.5	0.00	2.33	2.33	YES	HROFDY
L0001508	0	0.42029E-03	480144.6	3763595.3	593.5	0.00	2.33	2.33	YES	HROFDY
L0001509	0	0.42029E-03	480145.8	3763600.2	593.6	0.00	2.33	2.33	YES	HROFDY
L0001510	0	0.42029E-03	480147.0	3763605.0	593.8	0.00	2.33	2.33	YES	HROFDY
L0001511	0	0.42029E-03	480148.3	3763609.9	593.9	0.00	2.33	2.33	YES	HROFDY
L0001512	0	0.42029E-03	480149.5	3763614.7	594.0	0.00	2.33	2.33	YES	HROFDY
L0001513	0	0.42029E-03	480150.7	3763619.5	594.1	0.00	2.33	2.33	YES	HROFDY
L0001514	0	0.42029E-03	480151.9	3763624.4	594.2	0.00	2.33	2.33	YES	HROFDY
L0001515	0	0.42029E-03	480153.1	3763629.2	594.3	0.00	2.33	2.33	YES	HROFDY
L0001516	0	0.42029E-03	480154.4	3763634.1	594.4	0.00	2.33	2.33	YES	HROFDY
L0001517	0	0.42029E-03	480155.6	3763638.9	594.5	0.00	2.33	2.33	YES	HROFDY
L0001518	0	0.42029E-03	480156.8	3763643.8	594.7	0.00	2.33	2.33	YES	HROFDY
L0001519	0	0.42029E-03	480158.0	3763648.6	595.0	0.00	2.33	2.33	YES	HROFDY
L0001520	0	0.42029E-03	480159.2	3763653.5	595.0	0.00	2.33	2.33	YES	HROFDY
L0001521	0	0.42029E-03	480160.4	3763658.3	595.0	0.00	2.33	2.33	YES	HROFDY
L0001522	0	0.42029E-03	480161.7	3763663.2	594.7	0.00	2.33	2.33	YES	HROFDY
L0001523	0	0.42029E-03	480162.9	3763668.0	594.3	0.00	2.33	2.33	YES	HROFDY
L0001524	0	0.42029E-03	480164.1	3763672.9	593.6	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r ***   *** C:\AERMOD\STSL_NOx\STSL_NOx.isc   ***   11/05/18
*** AERMET - VERSION 16216 ***   ***                                     ***   23:23:45
                                     ***   PAGE 13

*** MODELOPTS:   NonDEFAULT  CONC  ELEV  NOCHKD  ARM2  URBAN  ADJ_U*

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*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
EQUIPMENT	0	0.12505E-06	480099.9	3764044.9	507.7	1.52	12	5.00	YES	HROFDY

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 14

*** MODELOPTs: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	EQUIPMENT	, L0001144	, L0001145	, L0001146	, L0001147	, L0001148	, L0001149	, L0001150	,
		L0001151	, L0001152	, L0001153	, L0001154	, L0001155	, L0001156	, L0001157	, L0001158
		L0001159	, L0001160	, L0001161	, L0001162	, L0001163	, L0001164	, L0001165	, L0001166
		L0001167	, L0001168	, L0001169	, L0001170	, L0001171	, L0001172	, L0001173	, L0001174
		L0001175	, L0001176	, L0001177	, L0001178	, L0001179	, L0001180	, L0001181	, L0001182
		L0001183	, L0001184	, L0001185	, L0001186	, L0001187	, L0001188	, L0001189	, L0001190
		L0001191	, L0001192	, L0001193	, L0001194	, L0001195	, L0001196	, L0001197	, L0001198
		L0001199	, L0001200	, L0001201	, L0001202	, L0001203	, L0001204	, L0001205	, L0001206
		L0001207	, L0001208	, L0001209	, L0001210	, L0001211	, L0001212	, L0001213	, L0001214
		L0001215	, L0001216	, L0001217	, L0001218	, L0001219	, L0001220	, L0001221	, L0001222
		L0001223	, L0001224	, L0001225	, L0001226	, L0001227	, L0001228	, L0001229	, L0001230
		L0001231	, L0001232	, L0001233	, L0001234	, L0001235	, L0001236	, L0001237	, L0001238
		L0001239	, L0001240	, L0001241	, L0001242	, L0001243	, L0001244	, L0001245	, L0001246
		L0001247	, L0001248	, L0001249	, L0001250	, L0001251	, L0001252	, L0001253	, L0001254
		L0001255	, L0001256	, L0001257	, L0001258	, L0001259	, L0001260	, L0001261	, L0001262
		L0001263	, L0001264	, L0001265	, L0001266	, L0001267	, L0001268	, L0001269	, L0001270
		L0001271	, L0001272	, L0001273	, L0001274	, L0001275	, L0001276	, L0001277	, L0001278
		L0001279	, L0001280	, L0001281	, L0001282	, L0001283	, L0001284	, L0001285	, L0001286
		L0001287	, L0001288	, L0001289	, L0001290	, L0001291	, L0001292	, L0001293	, L0001294
		L0001295	, L0001296	, L0001297	, L0001298	, L0001299	, L0001300	, L0001301	, L0001302

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 15

*** MODELOPTs: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0001303	,	L0001304	,	L0001305	,	L0001306	,	L0001307	,	L0001308	,	L0001309	,	L0001310	,
L0001311	,	L0001312	,	L0001313	,	L0001314	,	L0001315	,	L0001316	,	L0001317	,	L0001318	,
L0001319	,	L0001320	,	L0001321	,	L0001322	,	L0001323	,	L0001324	,	L0001325	,	L0001326	,
L0001327	,	L0001328	,	L0001329	,	L0001330	,	L0001331	,	L0001332	,	L0001333	,	L0001334	,
L0001335	,	L0001336	,	L0001337	,	L0001338	,	L0001339	,	L0001340	,	L0001341	,	L0001342	,
L0001343	,	L0001344	,	L0001345	,	L0001346	,	L0001347	,	L0001348	,	L0001349	,	L0001350	,
L0001351	,	L0001352	,	L0001353	,	L0001354	,	L0001355	,	L0001356	,	L0001357	,	L0001358	,
L0001359	,	L0001360	,	L0001361	,	L0001362	,	L0001363	,	L0001364	,	L0001365	,	L0001366	,
L0001367	,	L0001368	,	L0001369	,	L0001370	,	L0001371	,	L0001372	,	L0001373	,	L0001374	,
L0001375	,	L0001376	,	L0001377	,	L0001378	,	L0001379	,	L0001380	,	L0001381	,	L0001382	,
L0001383	,	L0001384	,	L0001385	,	L0001386	,	L0001387	,	L0001388	,	L0001389	,	L0001390	,
L0001391	,	L0001392	,	L0001393	,	L0001394	,	L0001395	,	L0001396	,	L0001397	,	L0001398	,
L0001399	,	L0001400	,	L0001401	,	L0001402	,	L0001403	,	L0001404	,	L0001405	,	L0001406	,
L0001407	,	L0001408	,	L0001409	,	L0001410	,	L0001411	,	L0001412	,	L0001413	,	L0001414	,
L0001415	,	L0001416	,	L0001417	,	L0001418	,	L0001419	,	L0001420	,	L0001421	,	L0001422	,
L0001423	,	L0001424	,	L0001425	,	L0001426	,	L0001427	,	L0001428	,	L0001429	,	L0001430	,
L0001431	,	L0001432	,	L0001433	,	L0001434	,	L0001435	,	L0001436	,	L0001437	,	L0001438	,
L0001439	,	L0001440	,	L0001441	,	L0001442	,	L0001443	,	L0001444	,	L0001445	,	L0001446	,
L0001447	,	L0001448	,	L0001449	,	L0001450	,	L0001451	,	L0001452	,	L0001453	,	L0001454	,
L0001455	,	L0001456	,	L0001457	,	L0001458	,	L0001459	,	L0001460	,	L0001461	,	L0001462	,

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***
 *** MODELOPTs: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** 11/05/18
 *** 23:23:45
 *** PAGE 16

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0001463	,	L0001464	,	L0001465	,	L0001466	,	L0001467	,	L0001468	,	L0001469	,	L0001470	,
L0001471	,	L0001472	,	L0001473	,	L0001474	,	L0001475	,	L0001476	,	L0001477	,	L0001478	,
L0001479	,	L0001480	,	L0001481	,	L0001482	,	L0001483	,	L0001484	,	L0001485	,	L0001486	,
L0001487	,	L0001488	,	L0001489	,	L0001490	,	L0001491	,	L0001492	,	L0001493	,	L0001494	,
L0001495	,	L0001496	,	L0001497	,	L0001498	,	L0001499	,	L0001500	,	L0001501	,	L0001502	,
L0001503	,	L0001504	,	L0001505	,	L0001506	,	L0001507	,	L0001508	,	L0001509	,	L0001510	,
L0001511	,	L0001512	,	L0001513	,	L0001514	,	L0001515	,	L0001516	,	L0001517	,	L0001518	,
L0001519	,	L0001520	,	L0001521	,	L0001522	,	L0001523	,	L0001524	,	FLARE1	,		

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOX\STSL_NOX.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 17

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001150	2035210.	EQUIPMENT , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 , L0001149 ,
		L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 ,
		L0001159 , L0001160 , L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 ,
		L0001167 , L0001168 , L0001169 , L0001170 , L0001171 , L0001172 , L0001173 , L0001174 ,
		L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 ,
		L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 ,
		L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 ,
		L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 ,
		L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 ,
		L0001215 , L0001216 , L0001217 , L0001218 , L0001219 , L0001220 , L0001221 , L0001222 ,
		L0001223 , L0001224 , L0001225 , L0001226 , L0001227 , L0001228 , L0001229 , L0001230 ,
		L0001231 , L0001232 , L0001233 , L0001234 , L0001235 , L0001236 , L0001237 , L0001238 ,
		L0001239 , L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 ,
		L0001247 , L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 ,
		L0001255 , L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 ,
		L0001263 , L0001264 , L0001265 , L0001266 , L0001267 , L0001268 , L0001269 , L0001270 ,
		L0001271 , L0001272 , L0001273 , L0001274 , L0001275 , L0001276 , L0001277 , L0001278 ,
		L0001279 , L0001280 , L0001281 , L0001282 , L0001283 , L0001284 , L0001285 , L0001286 ,
		L0001287 , L0001288 , L0001289 , L0001290 , L0001291 , L0001292 , L0001293 , L0001294 ,
		L0001295 , L0001296 , L0001297 , L0001298 , L0001299 , L0001300 , L0001301 , L0001302 ,

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 18

*** MODELOPTs: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001303		, L0001304 , L0001305 , L0001306 , L0001307 , L0001308 , L0001309 , L0001310 ,
L0001311		, L0001312 , L0001313 , L0001314 , L0001315 , L0001316 , L0001317 , L0001318 ,
L0001319		, L0001320 , L0001321 , L0001322 , L0001323 , L0001324 , L0001325 , L0001326 ,
L0001327		, L0001328 , L0001329 , L0001330 , L0001331 , L0001332 , L0001333 , L0001334 ,
L0001335		, L0001336 , L0001337 , L0001338 , L0001339 , L0001340 , L0001341 , L0001342 ,
L0001343		, L0001344 , L0001345 , L0001346 , L0001347 , L0001348 , L0001349 , L0001350 ,
L0001351		, L0001352 , L0001353 , L0001354 , L0001355 , L0001356 , L0001357 , L0001358 ,
L0001359		, L0001360 , L0001361 , L0001362 , L0001363 , L0001364 , L0001365 , L0001366 ,
L0001367		, L0001368 , L0001369 , L0001370 , L0001371 , L0001372 , L0001373 , L0001374 ,
L0001375		, L0001376 , L0001377 , L0001378 , L0001379 , L0001380 , L0001381 , L0001382 ,
L0001383		, L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 , L0001390 ,
L0001391		, L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 , L0001398 ,
L0001399		, L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 , L0001406 ,
L0001407		, L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 , L0001414 ,
L0001415		, L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , L0001421 , L0001422 ,
L0001423		, L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 ,
L0001431		, L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 ,
L0001439		, L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 ,
L0001447		, L0001448 , L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 ,
L0001455		, L0001456 , L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 ,

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 19

*** MODELOPTs: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001463	, L0001464	, L0001465 , L0001466 , L0001467 , L0001468 , L0001469 , L0001470 ,
L0001471	, L0001472	, L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 ,
L0001479	, L0001480	, L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 ,
L0001487	, L0001488	, L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 ,
L0001495	, L0001496	, L0001497 , L0001498 , L0001499 , L0001500 , L0001501 , L0001502 ,
L0001503	, L0001504	, L0001505 , L0001506 , L0001507 , L0001508 , L0001509 , L0001510 ,
L0001511	, L0001512	, L0001513 , L0001514 , L0001515 , L0001516 , L0001517 , L0001518 ,
L0001519	, L0001520	, L0001521 , L0001522 , L0001523 , L0001524 , FLARE1 ,

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 20

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = EQUIPMENT ; SOURCE TYPE = AREAPOLY :											
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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001144 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001145 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001146 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001147 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 21

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001148 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001149 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001150 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001151 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001152 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 22

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001153 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001154 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001155 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001156 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001157 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 23

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001158 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001159 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001160 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001161 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001162 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* PAGE 24

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001163 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001164 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001165 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001166 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001167 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 25

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001168 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001169 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001170 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001171 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001172 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 26

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001173 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001174 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001175 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001176 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001177 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 27

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001178 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001179 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001180 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001181 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001182 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 28

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001183 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001184 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001185 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001186 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001187 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 29

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001188 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001189 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001190 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001191 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001192 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 30

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001193 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001194 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001195 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001196 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001197 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 31

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001198 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001199 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001200 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001201 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001202 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 32

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001203 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001204 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001205 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001206 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001207 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 33

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001208 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001209 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001210 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001211 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001212 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 34

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001213 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001214 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001215 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001216 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001217 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 35

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001218 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001219 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001220 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001221 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001222 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 36

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001223 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001224 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001225 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001226 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001227 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 37

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001228 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001229 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001230 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001231 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001232 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 38

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001233 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001234 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001235 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001236 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001237 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 39

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001238 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001239 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001240 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001241 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001242 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** 11/05/18
 23:23:45
 PAGE 40

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001243 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001244 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001245 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001246 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001247 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 41

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001248 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001249 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001250 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001251 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001252 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 42

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001253 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001254 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001255 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001256 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001257 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** *** 23:23:45
*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* PAGE 43

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001258 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001259 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001260 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001261 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001262 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 44

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001263 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001264 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001265 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001266 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001267 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 45

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001268 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001269 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001270 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001271 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001272 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 46

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001273 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001274 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001275 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001276 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001277 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* PAGE 47

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001278 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001279 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001280 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001281 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001282 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 48

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001283 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001284 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001285 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001286 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001287 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 49

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001288 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001289 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001290 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001291 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001292 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 50

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001293 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001294 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001295 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001296 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001297 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 51

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001298 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001299 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001300 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001301 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001302 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 52

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001303 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001304 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001305 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001306 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001307 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 53

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001308 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001309 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001310 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001311 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001312 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 54

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001313 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001314 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001315 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001316 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001317 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 55

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001318 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001319 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001320 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001321 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001322 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 56

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001323 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001324 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001325 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001326 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001327 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 57

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001328 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001329 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001330 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001331 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001332 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 58

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001333 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001334 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001335 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001336 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001337 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 59

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001338 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001339 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001340 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001341 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001342 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 60

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001343 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001344 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001345 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001346 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001347 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 61

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001348 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001349 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001350 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001351 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001352 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** 11/05/18
 23:23:45
 PAGE 62

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001353 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001354 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001355 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001356 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001357 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** 11/05/18
 23:23:45
 PAGE 63

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001358 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001359 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001360 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001361 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001362 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 64

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001363 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001364 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001365 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001366 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001367 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 65

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001368 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001369 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001370 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001371 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001372 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 66

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001373 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001374 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001375 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001376 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001377 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 67

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001378 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001379 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001380 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001381 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001382 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 68

```

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001383 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001384 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001385 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001386 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001387 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 69

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001388 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001389 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001390 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001391 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001392 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 70

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001393 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001394 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001395 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001396 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001397 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 71

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001398 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001399 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001400 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001401 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001402 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 72

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001403 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001404 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001405 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001406 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001407 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 73

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001408 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001409 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001410 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001411 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001412 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 74

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001413 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001414 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001415 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001416 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001417 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 75

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001418 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001419 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001420 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001421 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001422 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 76

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001423 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001424 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001425 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001426 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001427 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** *** 23:23:45
*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 77

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001428 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001429 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001430 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001431 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001432 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 78

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001433 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001434 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001435 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001436 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001437 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 79

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001438 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001439 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001440 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001441 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001442 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 80

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001443 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001444 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001445 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001446 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001447 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 81

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001448 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001449 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001450 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001451 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001452 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 82

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001453 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001454 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001455 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001456 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001457 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 83

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001458 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001459 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001460 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001461 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001462 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 84

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001463 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001464 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001465 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001466 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001467 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 85

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001468 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001469 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001470 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001471 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001472 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 86

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001473 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001474 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001475 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001476 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001477 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** 11/05/18
 23:23:45
 PAGE 87

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001478 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001479 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001480 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001481 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001482 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 88

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001483 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001484 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001485 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001486 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001487 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 89

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001488 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001489 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001490 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001491 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001492 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 90

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001493 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001494 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001495 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001496 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001497 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 91

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001498 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001499 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001500 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001501 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001502 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 92

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001503 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001504 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001505 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001506 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001507 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 93

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001508 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001509 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001510 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001511 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001512 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** C:\AERMOD\STSL_NOx\STSL_NOx.isc
 *** AERMET - VERSION 16216 ***

*** 11/05/18
 *** 23:23:45
 *** PAGE 94

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001513 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001514 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001515 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001516 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001517 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** *** 23:23:45
*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 95

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001518 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001519 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001520 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001521 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001522 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** *** 23:23:45
*** MODELOPTs: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* PAGE 96

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0001523 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001524 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* PAGE 97

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

( 479847.6, 3764439.4, 475.3, 717.1, 0.0); ( 479540.7, 3764440.9, 489.8, 700.6, 0.0);
( 479496.3, 3764525.2, 499.0, 700.6, 0.0); ( 479402.5, 3764370.1, 496.9, 700.6, 0.0);
( 479340.4, 3764327.5, 501.2, 700.6, 0.0); ( 479308.4, 3764270.2, 518.9, 700.6, 0.0);
( 480092.7, 3764756.8, 457.7, 700.6, 0.0); ( 480194.5, 3764744.4, 454.3, 700.6, 0.0);
( 479989.4, 3764770.0, 462.9, 700.6, 0.0); ( 479173.2, 3763182.0, 598.3, 700.6, 0.0);
( 479160.1, 3763076.1, 583.1, 700.6, 0.0); ( 479109.3, 3762924.6, 597.3, 700.6, 0.0);
( 479354.8, 3762965.2, 611.6, 700.6, 0.0); ( 479300.6, 3762848.1, 601.9, 700.6, 0.0);
( 479262.9, 3762780.7, 593.7, 717.1, 0.0); ( 479293.2, 3762744.9, 592.1, 717.1, 0.0);
( 479255.9, 3762759.4, 593.8, 717.1, 0.0); ( 479389.5, 3762798.6, 605.8, 716.9, 0.0);
( 479383.7, 3762768.7, 600.9, 717.1, 0.0);

```

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r ***      C:\AERMOD\STSL_N0x\STSL_N0x.isc          ***      11/05/18
*** AERMET - VERSION 16216 ***      ***                                     ***      23:23:45
*** AERMAPS - VERSION 16216 ***      ***                                     ***      PAGE   98

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*** MODELOPTs: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

Appendix C – AERMOD RUN – NITROGEN OXIDES

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
 *** AERMET - VERSION 16216 *** *** *** 23:23:45
 *** *** *** *** *** PAGE 99

*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*

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

Surface file: Met\RDLD_v9.SFC Met Version: 16216
 Profile file: Met\RDLD_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 3171 Upper air station no.: 3190
 Name: UNKNOWN Name: UNKNOWN
 Year: 2012 Year: 2012

First 24 hours of scalar data																									
YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT			
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5						
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5						
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5						
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5						
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5						
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5						
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5						
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5						
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5						
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5						
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5						
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5						
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5						
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5						
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5						
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5						
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5						
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5						
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5						
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5						
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5						
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5						
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30	89.	9.1	287.2	5.5						
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	105.	9.1	285.9	5.5						

First hour of profile data
 YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
 12 01 01 01 5.5 0 -999. -99.00 285.5 99.0 -99.00 -99.00
 12 01 01 01 9.1 1 110. 1.30 -999.0 99.0 -99.00 -99.00

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

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** PAGE 100
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*** MODELOPTs: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*
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```
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EQUIPMENT , L0001144 , L0001145 , L0001146 , L0001147 ,
L0001148 , L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 ,
L0001156 , L0001157 , L0001158 , L0001159 , L0001160 , L0001161 , L0001162 , L0001163 ,
L0001164 , L0001165 , L0001166 , L0001167 , L0001168 , L0001169 , L0001170 , . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
```

** CONC OF NO2		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479847.56	3764439.44	2.82873	(13120716)	479540.71	3764440.90	1.75057	(14120316)
479496.31	3764525.20	1.43226	(14120316)	479402.50	3764370.08	1.20224	(14120316)
479340.40	3764327.53	1.35767	(12012316)	479308.42	3764270.19	1.22417	(12012316)
480092.73	3764756.82	2.22895	(13120716)	480194.48	3764744.40	2.25830	(16122616)
479989.38	3764770.04	2.34470	(13120716)	479173.17	3763182.04	1.21733	(16123116)
479160.11	3763076.12	1.58882	(16123116)	479109.27	3762924.65	1.10185	(16123116)
479354.82	3762965.22	1.20604	(12021516)	479300.61	3762848.13	1.19700	(12021516)
479262.88	3762780.70	1.20303	(12021516)	479293.24	3762744.92	1.33058	(12021516)
479255.94	3762759.45	1.20472	(12021516)	479389.48	3762798.59	1.54459	(12021516)
479383.66	3762768.69	1.61133	(12021516)				

Appendix C – AERMOD RUN – NITROGEN OXIDES

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 101

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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EQUIPMENT , L0001144 , L0001145 , L0001146 , L0001147 ,
L0001148 , L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 ,
L0001156 , L0001157 , L0001158 , L0001159 , L0001160 , L0001161 , L0001162 , L0001163 ,
L0001164 , L0001165 , L0001166 , L0001167 , L0001168 , L0001169 , L0001170 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479847.56	3764439.44	1.30706	(13112716)	479540.71	3764440.90	0.81345	(16122616)
479496.31	3764525.20	0.76871	(12091804)	479402.50	3764370.08	0.74628	(12111502)
479340.40	3764327.53	0.72219	(13090605)	479308.42	3764270.19	0.67942	(13102624)
480092.73	3764756.82	0.91226	(13010516)	480194.48	3764744.40	1.07516	(16112916)
479989.38	3764770.04	0.86492	(15012616)	479173.17	3763182.04	0.45174	(16012009)
479160.11	3763076.12	0.43934	(13012509)	479109.27	3762924.65	0.38944	(16122110)
479354.82	3762965.22	0.45981	(13012509)	479300.61	3762848.13	0.41251	(12011609)
479262.88	3762780.70	0.39192	(12011609)	479293.24	3762744.92	0.40333	(13012516)
479255.94	3762759.45	0.38683	(16122110)	479389.48	3762798.59	0.43876	(13121616)
479383.66	3762768.69	0.43547	(12122309)				

Appendix C – AERMOD RUN – NITROGEN OXIDES

```

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
*** MODEL_OPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U* *** PAGE 102

```

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

```

** CONC OF NO2 IN MICROGRAMS/M**3 **

```

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS 2.82873	ON 13120716: AT (	479847.56, 3764439.44, 475.30, 717.13, 0.00)	DC	
	HIGH 8TH HIGH VALUE IS 1.30706	ON 13112716: AT (	479847.56, 3764439.44, 475.30, 717.13, 0.00)	DC	

```

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

```

Appendix C – AERMOD RUN – NITROGEN OXIDES

```
*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_NOx\STSL_NOx.isc *** 11/05/18
*** AERMET - VERSION 16216 *** *** 23:23:45
***
*** MODELOPTS: NonDEFAULT CONC ELEV NOCHKD ARM2 URBAN ADJ_U*
*** Message Summary : AERMOD Model Execution ***
----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 388 Informational Message(s)
A Total of 43848 Hours Were Processed
A Total of 191 Calm Hours Identified
A Total of 197 Missing Hours Identified ( 0.45 Percent)

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

***** WARNING MESSAGES *****
CO W362 28 COCARD: Multiyear 1h NO2/SO2 processing not applicable for NOCHKD
ME W186 2423 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2423 MEOPEN: ADJ_U* Option for Low Winds used in AERMET

*****
*** AERMOD Finishes Successfully ***
*****
```

Appendix C – AERMOD RUN – PM10

```
** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.5.0
** Lakes Environmental Software Inc.
** Date: 4/15/2018
** File: C:\AERMOD\STSL_PM10\STSL_PM10.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD\STSL_PM10\STSL_PM10.isc
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID PM
  RUNORNOT RUN
  ERRORFIL STSL_PM10.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION EQUIPMENT AREAPOLY 480099.949 3764044.905 507.690
** DESCRSRC On-site Equipment
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PAVED
** DESCRSRC Paved Road
** PREFIX
** Length of Side = 5.00
** Configuration = Adjacent
** Emission Rate = 0.001092
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 14
** 480449.145, 3764056.747, 478.02, 0.00, 2.33
** 480354.433, 3764104.779, 479.91, 0.00, 2.33
```


Appendix C – AERMOD RUN – PM10

```

** 480257.015, 3764161.607, 489.95, 0.00, 2.33
** 480125.094, 3764160.254, 500.99, 0.00, 2.33
** 480088.563, 3764126.428, 505.93, 0.00, 2.33
** 480090.592, 3764081.778, 508.90, 0.00, 2.33
** 480118.329, 3764056.747, 511.17, 0.00, 2.33
** 480187.334, 3764064.865, 515.66, 0.00, 2.33
** 480233.337, 3764052.011, 518.73, 0.00, 2.33
** 480326.696, 3763905.208, 529.12, 0.00, 2.33
** 480365.934, 3763775.317, 537.02, 0.00, 2.33
** 480450.498, 3763659.633, 544.59, 0.00, 2.33
** 480459.293, 3763588.599, 549.78, 0.00, 2.33
** 480405.171, 3763516.212, 558.36, 0.00, 2.33
** -----
LOCATION L0000382    VOLUME  480446.915 3764057.878 477.93
LOCATION L0000383    VOLUME  480442.456 3764060.139 477.96
LOCATION L0000384    VOLUME  480437.997 3764062.401 477.94
LOCATION L0000385    VOLUME  480433.537 3764064.662 477.94
LOCATION L0000386    VOLUME  480429.078 3764066.924 477.94
LOCATION L0000387    VOLUME  480424.619 3764069.185 477.90
LOCATION L0000388    VOLUME  480420.159 3764071.447 477.84
LOCATION L0000389    VOLUME  480415.700 3764073.708 477.77
LOCATION L0000390    VOLUME  480411.241 3764075.970 477.69
LOCATION L0000391    VOLUME  480406.781 3764078.231 477.64
LOCATION L0000392    VOLUME  480402.322 3764080.493 477.61
LOCATION L0000393    VOLUME  480397.863 3764082.754 477.66
LOCATION L0000394    VOLUME  480393.403 3764085.016 477.74
LOCATION L0000395    VOLUME  480388.944 3764087.277 477.83
LOCATION L0000396    VOLUME  480384.485 3764089.539 477.95
LOCATION L0000397    VOLUME  480380.025 3764091.800 478.23
LOCATION L0000398    VOLUME  480375.566 3764094.062 478.67
LOCATION L0000399    VOLUME  480371.107 3764096.323 478.85
LOCATION L0000400    VOLUME  480366.647 3764098.585 478.89
LOCATION L0000401    VOLUME  480362.188 3764100.846 479.28
LOCATION L0000402    VOLUME  480357.729 3764103.108 480.00
LOCATION L0000403    VOLUME  480353.306 3764105.437 480.41
LOCATION L0000404    VOLUME  480348.987 3764107.956 480.54
LOCATION L0000405    VOLUME  480344.668 3764110.475 480.98
LOCATION L0000406    VOLUME  480340.349 3764112.995 481.65
LOCATION L0000407    VOLUME  480336.030 3764115.514 482.10
LOCATION L0000408    VOLUME  480331.712 3764118.033 482.38
LOCATION L0000409    VOLUME  480327.393 3764120.553 482.91
LOCATION L0000410    VOLUME  480323.074 3764123.072 483.24
LOCATION L0000411    VOLUME  480318.755 3764125.591 483.62
LOCATION L0000412    VOLUME  480314.436 3764128.111 484.24
LOCATION L0000413    VOLUME  480310.117 3764130.630 484.82
LOCATION L0000414    VOLUME  480305.798 3764133.150 485.18
LOCATION L0000415    VOLUME  480301.479 3764135.669 486.11
LOCATION L0000416    VOLUME  480297.160 3764138.188 486.67
LOCATION L0000417    VOLUME  480292.842 3764140.708 486.77
LOCATION L0000418    VOLUME  480288.523 3764143.227 486.86
LOCATION L0000419    VOLUME  480284.204 3764145.746 487.72

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Appendix C – AERMOD RUN – PM10

LOCATION	L0000420	VOLUME	480279.885	3764148.266	488.25
LOCATION	L0000421	VOLUME	480275.566	3764150.785	488.47
LOCATION	L0000422	VOLUME	480271.247	3764153.304	488.42
LOCATION	L0000423	VOLUME	480266.928	3764155.824	488.78
LOCATION	L0000424	VOLUME	480262.609	3764158.343	489.29
LOCATION	L0000425	VOLUME	480258.290	3764160.862	489.78
LOCATION	L0000426	VOLUME	480253.492	3764161.570	490.23
LOCATION	L0000427	VOLUME	480248.492	3764161.519	490.72
LOCATION	L0000428	VOLUME	480243.492	3764161.468	491.21
LOCATION	L0000429	VOLUME	480238.493	3764161.417	491.70
LOCATION	L0000430	VOLUME	480233.493	3764161.365	492.15
LOCATION	L0000431	VOLUME	480228.493	3764161.314	492.58
LOCATION	L0000432	VOLUME	480223.493	3764161.263	492.99
LOCATION	L0000433	VOLUME	480218.494	3764161.212	493.46
LOCATION	L0000434	VOLUME	480213.494	3764161.160	493.97
LOCATION	L0000435	VOLUME	480208.494	3764161.109	494.43
LOCATION	L0000436	VOLUME	480203.494	3764161.058	494.88
LOCATION	L0000437	VOLUME	480198.495	3764161.006	495.30
LOCATION	L0000438	VOLUME	480193.495	3764160.955	495.75
LOCATION	L0000439	VOLUME	480188.495	3764160.904	496.20
LOCATION	L0000440	VOLUME	480183.495	3764160.853	496.63
LOCATION	L0000441	VOLUME	480178.496	3764160.801	497.06
LOCATION	L0000442	VOLUME	480173.496	3764160.750	497.52
LOCATION	L0000443	VOLUME	480168.496	3764160.699	497.98
LOCATION	L0000444	VOLUME	480163.496	3764160.647	498.42
LOCATION	L0000445	VOLUME	480158.497	3764160.596	498.84
LOCATION	L0000446	VOLUME	480153.497	3764160.545	499.25
LOCATION	L0000447	VOLUME	480148.497	3764160.494	499.57
LOCATION	L0000448	VOLUME	480143.498	3764160.442	499.88
LOCATION	L0000449	VOLUME	480138.498	3764160.391	500.20
LOCATION	L0000450	VOLUME	480133.498	3764160.340	500.58
LOCATION	L0000451	VOLUME	480128.498	3764160.288	501.01
LOCATION	L0000452	VOLUME	480123.923	3764159.169	501.38
LOCATION	L0000453	VOLUME	480120.255	3764155.772	501.71
LOCATION	L0000454	VOLUME	480116.586	3764152.375	502.19
LOCATION	L0000455	VOLUME	480112.917	3764148.978	502.75
LOCATION	L0000456	VOLUME	480109.248	3764145.581	503.10
LOCATION	L0000457	VOLUME	480105.579	3764142.184	503.60
LOCATION	L0000458	VOLUME	480101.911	3764138.787	504.03
LOCATION	L0000459	VOLUME	480098.242	3764135.390	504.48
LOCATION	L0000460	VOLUME	480094.573	3764131.993	504.96
LOCATION	L0000461	VOLUME	480090.904	3764128.596	505.35
LOCATION	L0000462	VOLUME	480088.645	3764124.621	505.72
LOCATION	L0000463	VOLUME	480088.872	3764119.626	506.07
LOCATION	L0000464	VOLUME	480089.099	3764114.631	506.45
LOCATION	L0000465	VOLUME	480089.326	3764109.636	506.82
LOCATION	L0000466	VOLUME	480089.553	3764104.641	507.19
LOCATION	L0000467	VOLUME	480089.780	3764099.647	507.56
LOCATION	L0000468	VOLUME	480090.007	3764094.652	507.93
LOCATION	L0000469	VOLUME	480090.234	3764089.657	508.28
LOCATION	L0000470	VOLUME	480090.461	3764084.662	508.61

Appendix C – AERMOD RUN – PM10

LOCATION	L0000471	VOLUME	480092.161	3764080.362	508.92
LOCATION	L0000472	VOLUME	480095.873	3764077.013	509.20
LOCATION	L0000473	VOLUME	480099.585	3764073.663	509.53
LOCATION	L0000474	VOLUME	480103.297	3764070.313	509.88
LOCATION	L0000475	VOLUME	480107.009	3764066.963	510.17
LOCATION	L0000476	VOLUME	480110.721	3764063.613	510.51
LOCATION	L0000477	VOLUME	480114.433	3764060.263	510.88
LOCATION	L0000478	VOLUME	480118.144	3764056.914	511.16
LOCATION	L0000479	VOLUME	480123.048	3764057.302	511.41
LOCATION	L0000480	VOLUME	480128.014	3764057.886	511.69
LOCATION	L0000481	VOLUME	480132.979	3764058.470	512.01
LOCATION	L0000482	VOLUME	480137.945	3764059.055	512.35
LOCATION	L0000483	VOLUME	480142.911	3764059.639	512.72
LOCATION	L0000484	VOLUME	480147.877	3764060.223	513.07
LOCATION	L0000485	VOLUME	480152.842	3764060.807	513.41
LOCATION	L0000486	VOLUME	480157.808	3764061.391	513.73
LOCATION	L0000487	VOLUME	480162.774	3764061.976	514.11
LOCATION	L0000488	VOLUME	480167.740	3764062.560	514.60
LOCATION	L0000489	VOLUME	480172.705	3764063.144	515.03
LOCATION	L0000490	VOLUME	480177.671	3764063.728	515.29
LOCATION	L0000491	VOLUME	480182.637	3764064.312	515.48
LOCATION	L0000492	VOLUME	480187.594	3764064.792	515.64
LOCATION	L0000493	VOLUME	480192.410	3764063.447	515.98
LOCATION	L0000494	VOLUME	480197.226	3764062.101	516.32
LOCATION	L0000495	VOLUME	480202.041	3764060.756	516.59
LOCATION	L0000496	VOLUME	480206.857	3764059.410	516.95
LOCATION	L0000497	VOLUME	480211.672	3764058.065	517.30
LOCATION	L0000498	VOLUME	480216.488	3764056.719	517.58
LOCATION	L0000499	VOLUME	480221.303	3764055.374	517.83
LOCATION	L0000500	VOLUME	480226.119	3764054.028	518.19
LOCATION	L0000501	VOLUME	480230.934	3764052.682	518.54
LOCATION	L0000502	VOLUME	480234.681	3764049.897	518.74
LOCATION	L0000503	VOLUME	480237.364	3764045.678	519.07
LOCATION	L0000504	VOLUME	480240.048	3764041.459	519.38
LOCATION	L0000505	VOLUME	480242.731	3764037.240	519.69
LOCATION	L0000506	VOLUME	480245.414	3764033.020	520.05
LOCATION	L0000507	VOLUME	480248.097	3764028.801	520.53
LOCATION	L0000508	VOLUME	480250.780	3764024.582	521.12
LOCATION	L0000509	VOLUME	480253.463	3764020.363	521.41
LOCATION	L0000510	VOLUME	480256.146	3764016.144	521.86
LOCATION	L0000511	VOLUME	480258.829	3764011.925	522.39
LOCATION	L0000512	VOLUME	480261.513	3764007.706	522.78
LOCATION	L0000513	VOLUME	480264.196	3764003.487	523.25
LOCATION	L0000514	VOLUME	480266.879	3763999.268	523.73
LOCATION	L0000515	VOLUME	480269.562	3763995.048	524.22
LOCATION	L0000516	VOLUME	480272.245	3763990.829	524.17
LOCATION	L0000517	VOLUME	480274.928	3763986.610	524.57
LOCATION	L0000518	VOLUME	480277.611	3763982.391	524.96
LOCATION	L0000519	VOLUME	480280.294	3763978.172	524.70
LOCATION	L0000520	VOLUME	480282.978	3763973.953	525.17
LOCATION	L0000521	VOLUME	480285.661	3763969.734	525.62

Appendix C – AERMOD RUN – PM10

LOCATION	L0000522	VOLUME	480288.344	3763965.515	525.76
LOCATION	L0000523	VOLUME	480291.027	3763961.296	525.90
LOCATION	L0000524	VOLUME	480293.710	3763957.077	526.20
LOCATION	L0000525	VOLUME	480296.393	3763952.857	526.33
LOCATION	L0000526	VOLUME	480299.076	3763948.638	526.27
LOCATION	L0000527	VOLUME	480301.759	3763944.419	526.80
LOCATION	L0000528	VOLUME	480304.442	3763940.200	527.12
LOCATION	L0000529	VOLUME	480307.126	3763935.981	527.12
LOCATION	L0000530	VOLUME	480309.809	3763931.762	527.55
LOCATION	L0000531	VOLUME	480312.492	3763927.543	527.82
LOCATION	L0000532	VOLUME	480315.175	3763923.324	527.91
LOCATION	L0000533	VOLUME	480317.858	3763919.105	528.20
LOCATION	L0000534	VOLUME	480320.541	3763914.885	528.42
LOCATION	L0000535	VOLUME	480323.224	3763910.666	528.73
LOCATION	L0000536	VOLUME	480325.907	3763906.447	529.11
LOCATION	L0000537	VOLUME	480327.717	3763901.827	529.36
LOCATION	L0000538	VOLUME	480329.163	3763897.041	529.52
LOCATION	L0000539	VOLUME	480330.609	3763892.255	529.80
LOCATION	L0000540	VOLUME	480332.054	3763887.468	530.10
LOCATION	L0000541	VOLUME	480333.500	3763882.682	530.39
LOCATION	L0000542	VOLUME	480334.946	3763877.896	530.78
LOCATION	L0000543	VOLUME	480336.392	3763873.109	531.13
LOCATION	L0000544	VOLUME	480337.838	3763868.323	531.25
LOCATION	L0000545	VOLUME	480339.284	3763863.536	531.39
LOCATION	L0000546	VOLUME	480340.730	3763858.750	531.72
LOCATION	L0000547	VOLUME	480342.176	3763853.964	532.27
LOCATION	L0000548	VOLUME	480343.622	3763849.177	532.63
LOCATION	L0000549	VOLUME	480345.067	3763844.391	532.77
LOCATION	L0000550	VOLUME	480346.513	3763839.605	532.96
LOCATION	L0000551	VOLUME	480347.959	3763834.818	533.03
LOCATION	L0000552	VOLUME	480349.405	3763830.032	533.33
LOCATION	L0000553	VOLUME	480350.851	3763825.245	534.08
LOCATION	L0000554	VOLUME	480352.297	3763820.459	534.62
LOCATION	L0000555	VOLUME	480353.743	3763815.673	534.93
LOCATION	L0000556	VOLUME	480355.189	3763810.886	535.06
LOCATION	L0000557	VOLUME	480356.635	3763806.100	535.03
LOCATION	L0000558	VOLUME	480358.080	3763801.314	535.10
LOCATION	L0000559	VOLUME	480359.526	3763796.527	535.67
LOCATION	L0000560	VOLUME	480360.972	3763791.741	536.05
LOCATION	L0000561	VOLUME	480362.418	3763786.954	536.32
LOCATION	L0000562	VOLUME	480363.864	3763782.168	536.46
LOCATION	L0000563	VOLUME	480365.310	3763777.382	536.73
LOCATION	L0000564	VOLUME	480367.611	3763773.022	536.79
LOCATION	L0000565	VOLUME	480370.562	3763768.985	537.38
LOCATION	L0000566	VOLUME	480373.513	3763764.949	537.59
LOCATION	L0000567	VOLUME	480376.463	3763760.912	537.90
LOCATION	L0000568	VOLUME	480379.414	3763756.876	538.41
LOCATION	L0000569	VOLUME	480382.365	3763752.839	538.46
LOCATION	L0000570	VOLUME	480385.315	3763748.803	538.96
LOCATION	L0000571	VOLUME	480388.266	3763744.766	539.34
LOCATION	L0000572	VOLUME	480391.217	3763740.729	539.41

Appendix C – AERMOD RUN – PM10

LOCATION	L0000573	VOLUME	480394.167	3763736.693	539.94
LOCATION	L0000574	VOLUME	480397.118	3763732.656	540.19
LOCATION	L0000575	VOLUME	480400.069	3763728.620	540.12
LOCATION	L0000576	VOLUME	480403.019	3763724.583	540.33
LOCATION	L0000577	VOLUME	480405.970	3763720.547	540.70
LOCATION	L0000578	VOLUME	480408.921	3763716.510	541.01
LOCATION	L0000579	VOLUME	480411.871	3763712.474	541.26
LOCATION	L0000580	VOLUME	480414.822	3763708.437	541.64
LOCATION	L0000581	VOLUME	480417.773	3763704.401	541.77
LOCATION	L0000582	VOLUME	480420.723	3763700.364	542.08
LOCATION	L0000583	VOLUME	480423.674	3763696.328	542.42
LOCATION	L0000584	VOLUME	480426.625	3763692.291	542.48
LOCATION	L0000585	VOLUME	480429.575	3763688.255	542.98
LOCATION	L0000586	VOLUME	480432.526	3763684.218	543.28
LOCATION	L0000587	VOLUME	480435.477	3763680.182	543.28
LOCATION	L0000588	VOLUME	480438.428	3763676.145	543.80
LOCATION	L0000589	VOLUME	480441.378	3763672.109	544.04
LOCATION	L0000590	VOLUME	480444.329	3763668.072	544.09
LOCATION	L0000591	VOLUME	480447.280	3763664.036	544.29
LOCATION	L0000592	VOLUME	480450.230	3763659.999	544.61
LOCATION	L0000593	VOLUME	480451.057	3763655.121	544.95
LOCATION	L0000594	VOLUME	480451.671	3763650.159	545.21
LOCATION	L0000595	VOLUME	480452.285	3763645.197	545.45
LOCATION	L0000596	VOLUME	480452.900	3763640.235	545.72
LOCATION	L0000597	VOLUME	480453.514	3763635.272	546.02
LOCATION	L0000598	VOLUME	480454.128	3763630.310	546.34
LOCATION	L0000599	VOLUME	480454.743	3763625.348	546.67
LOCATION	L0000600	VOLUME	480455.357	3763620.386	547.01
LOCATION	L0000601	VOLUME	480455.971	3763615.424	547.35
LOCATION	L0000602	VOLUME	480456.586	3763610.462	547.68
LOCATION	L0000603	VOLUME	480457.200	3763605.500	548.03
LOCATION	L0000604	VOLUME	480457.814	3763600.538	548.38
LOCATION	L0000605	VOLUME	480458.429	3763595.576	548.80
LOCATION	L0000606	VOLUME	480459.043	3763590.613	549.32
LOCATION	L0000607	VOLUME	480457.514	3763586.220	549.83
LOCATION	L0000608	VOLUME	480454.520	3763582.216	550.26
LOCATION	L0000609	VOLUME	480451.526	3763578.211	550.56
LOCATION	L0000610	VOLUME	480448.532	3763574.207	551.16
LOCATION	L0000611	VOLUME	480445.538	3763570.202	551.67
LOCATION	L0000612	VOLUME	480442.544	3763566.198	552.14
LOCATION	L0000613	VOLUME	480439.550	3763562.193	552.74
LOCATION	L0000614	VOLUME	480436.556	3763558.189	553.22
LOCATION	L0000615	VOLUME	480433.562	3763554.184	553.77
LOCATION	L0000616	VOLUME	480430.568	3763550.180	554.42
LOCATION	L0000617	VOLUME	480427.574	3763546.175	554.93
LOCATION	L0000618	VOLUME	480424.580	3763542.171	555.41
LOCATION	L0000619	VOLUME	480421.586	3763538.166	555.84
LOCATION	L0000620	VOLUME	480418.592	3763534.162	556.35
LOCATION	L0000621	VOLUME	480415.598	3763530.157	556.76
LOCATION	L0000622	VOLUME	480412.604	3763526.153	557.19
LOCATION	L0000623	VOLUME	480409.610	3763522.148	557.74

Appendix C – AERMOD RUN – PM10

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LOCATION L0000624      VOLUME   480406.616 3763518.144 558.08
** End of LINE VOLUME Source ID = PAVED
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = UNPAVED
** DESCRSRC Unpaved Road
** PREFIX
** Length of Side = 5.00
** Configuration = Adjacent
** Emission Rate = 0.0005277
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 11
** 480399.083, 3763515.535, 559.05, 0.00, 2.33
** 480322.637, 3763467.503, 568.35, 0.00, 2.33
** 480246.867, 3763487.122, 573.82, 0.00, 2.33
** 480190.716, 3763490.504, 579.15, 0.00, 2.33
** 480118.329, 3763449.237, 585.30, 0.00, 2.33
** 480072.326, 3763405.940, 589.43, 0.00, 2.33
** 480052.707, 3763413.382, 591.43, 0.00, 2.33
** 480047.295, 3763432.324, 591.68, 0.00, 2.33
** 480102.769, 3763487.122, 592.01, 0.00, 2.33
** 480126.447, 3763522.977, 592.63, 0.00, 2.33
** 480164.332, 3763673.840, 593.96, 0.00, 2.33
** -----
LOCATION L0000625      VOLUME   480396.966 3763514.205 559.31
LOCATION L0000626      VOLUME   480392.732 3763511.545 559.82
LOCATION L0000627      VOLUME   480388.499 3763508.885 560.34
LOCATION L0000628      VOLUME   480384.265 3763506.225 560.85
LOCATION L0000629      VOLUME   480380.031 3763503.565 561.37
LOCATION L0000630      VOLUME   480375.798 3763500.905 561.88
LOCATION L0000631      VOLUME   480371.564 3763498.245 562.40
LOCATION L0000632      VOLUME   480367.330 3763495.585 562.91
LOCATION L0000633      VOLUME   480363.097 3763492.924 563.43
LOCATION L0000634      VOLUME   480358.863 3763490.264 563.94
LOCATION L0000635      VOLUME   480354.629 3763487.604 564.46
LOCATION L0000636      VOLUME   480350.396 3763484.944 564.97
LOCATION L0000637      VOLUME   480346.162 3763482.284 565.49
LOCATION L0000638      VOLUME   480341.928 3763479.624 566.00
LOCATION L0000639      VOLUME   480337.695 3763476.964 566.52
LOCATION L0000640      VOLUME   480333.461 3763474.304 567.03
LOCATION L0000641      VOLUME   480329.227 3763471.644 567.55
LOCATION L0000642      VOLUME   480324.994 3763468.984 568.06
LOCATION L0000643      VOLUME   480320.491 3763468.058 568.50
LOCATION L0000644      VOLUME   480315.651 3763469.312 568.85
LOCATION L0000645      VOLUME   480310.810 3763470.565 569.20
LOCATION L0000646      VOLUME   480305.970 3763471.818 569.55
LOCATION L0000647      VOLUME   480301.130 3763473.072 569.90
LOCATION L0000648      VOLUME   480296.289 3763474.325 570.25
LOCATION L0000649      VOLUME   480291.449 3763475.578 570.60
LOCATION L0000650      VOLUME   480286.608 3763476.831 570.95

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Appendix C – AERMOD RUN – PM10

LOCATION	L0000651	VOLUME	480281.768	3763478.085	571.30
LOCATION	L0000652	VOLUME	480276.928	3763479.338	571.65
LOCATION	L0000653	VOLUME	480272.087	3763480.591	572.00
LOCATION	L0000654	VOLUME	480267.247	3763481.845	572.35
LOCATION	L0000655	VOLUME	480262.407	3763483.098	572.70
LOCATION	L0000656	VOLUME	480257.566	3763484.351	573.05
LOCATION	L0000657	VOLUME	480252.726	3763485.605	573.40
LOCATION	L0000658	VOLUME	480247.885	3763486.858	573.75
LOCATION	L0000659	VOLUME	480242.926	3763487.359	574.19
LOCATION	L0000660	VOLUME	480237.935	3763487.660	574.67
LOCATION	L0000661	VOLUME	480232.944	3763487.960	575.14
LOCATION	L0000662	VOLUME	480227.953	3763488.261	575.62
LOCATION	L0000663	VOLUME	480222.962	3763488.562	576.09
LOCATION	L0000664	VOLUME	480217.971	3763488.862	576.56
LOCATION	L0000665	VOLUME	480212.980	3763489.163	577.04
LOCATION	L0000666	VOLUME	480207.990	3763489.464	577.51
LOCATION	L0000667	VOLUME	480202.999	3763489.764	577.98
LOCATION	L0000668	VOLUME	480198.008	3763490.065	578.46
LOCATION	L0000669	VOLUME	480193.017	3763490.366	578.93
LOCATION	L0000670	VOLUME	480188.375	3763489.169	579.35
LOCATION	L0000671	VOLUME	480184.031	3763486.693	579.72
LOCATION	L0000672	VOLUME	480179.687	3763484.217	580.09
LOCATION	L0000673	VOLUME	480175.343	3763481.740	580.46
LOCATION	L0000674	VOLUME	480171.000	3763479.264	580.83
LOCATION	L0000675	VOLUME	480166.656	3763476.788	581.19
LOCATION	L0000676	VOLUME	480162.312	3763474.311	581.56
LOCATION	L0000677	VOLUME	480157.969	3763471.835	581.93
LOCATION	L0000678	VOLUME	480153.625	3763469.359	582.30
LOCATION	L0000679	VOLUME	480149.281	3763466.882	582.67
LOCATION	L0000680	VOLUME	480144.938	3763464.406	583.04
LOCATION	L0000681	VOLUME	480140.594	3763461.930	583.41
LOCATION	L0000682	VOLUME	480136.250	3763459.453	583.78
LOCATION	L0000683	VOLUME	480131.906	3763456.977	584.15
LOCATION	L0000684	VOLUME	480127.563	3763454.501	584.52
LOCATION	L0000685	VOLUME	480123.219	3763452.024	584.88
LOCATION	L0000686	VOLUME	480118.875	3763449.548	585.25
LOCATION	L0000687	VOLUME	480115.146	3763446.241	585.59
LOCATION	L0000688	VOLUME	480111.505	3763442.814	585.91
LOCATION	L0000689	VOLUME	480107.864	3763439.387	586.24
LOCATION	L0000690	VOLUME	480104.223	3763435.960	586.57
LOCATION	L0000691	VOLUME	480100.582	3763432.533	586.89
LOCATION	L0000692	VOLUME	480096.941	3763429.107	587.22
LOCATION	L0000693	VOLUME	480093.300	3763425.680	587.55
LOCATION	L0000694	VOLUME	480089.659	3763422.253	587.87
LOCATION	L0000695	VOLUME	480086.018	3763418.826	588.20
LOCATION	L0000696	VOLUME	480082.377	3763415.399	588.53
LOCATION	L0000697	VOLUME	480078.736	3763411.973	588.85
LOCATION	L0000698	VOLUME	480075.095	3763408.546	589.18
LOCATION	L0000699	VOLUME	480071.206	3763406.365	589.54
LOCATION	L0000700	VOLUME	480066.531	3763408.138	590.02
LOCATION	L0000701	VOLUME	480061.856	3763409.911	590.50

Appendix C – AERMOD RUN – PM10

LOCATION	L0000702	VOLUME	480057.181	3763411.685	590.97
LOCATION	L0000703	VOLUME	480052.648	3763413.588	591.43
LOCATION	L0000704	VOLUME	480051.275	3763418.396	591.50
LOCATION	L0000705	VOLUME	480049.901	3763423.204	591.56
LOCATION	L0000706	VOLUME	480048.527	3763428.011	591.62
LOCATION	L0000707	VOLUME	480047.661	3763432.686	591.68
LOCATION	L0000708	VOLUME	480051.219	3763436.199	591.70
LOCATION	L0000709	VOLUME	480054.776	3763439.713	591.72
LOCATION	L0000710	VOLUME	480058.333	3763443.227	591.75
LOCATION	L0000711	VOLUME	480061.890	3763446.741	591.77
LOCATION	L0000712	VOLUME	480065.447	3763450.255	591.79
LOCATION	L0000713	VOLUME	480069.004	3763453.768	591.81
LOCATION	L0000714	VOLUME	480072.562	3763457.282	591.83
LOCATION	L0000715	VOLUME	480076.119	3763460.796	591.85
LOCATION	L0000716	VOLUME	480079.676	3763464.310	591.87
LOCATION	L0000717	VOLUME	480083.233	3763467.823	591.89
LOCATION	L0000718	VOLUME	480086.790	3763471.337	591.91
LOCATION	L0000719	VOLUME	480090.347	3763474.851	591.94
LOCATION	L0000720	VOLUME	480093.904	3763478.365	591.96
LOCATION	L0000721	VOLUME	480097.462	3763481.879	591.98
LOCATION	L0000722	VOLUME	480101.019	3763485.392	592.00
LOCATION	L0000723	VOLUME	480104.169	3763489.241	592.05
LOCATION	L0000724	VOLUME	480106.924	3763493.413	592.12
LOCATION	L0000725	VOLUME	480109.679	3763497.585	592.19
LOCATION	L0000726	VOLUME	480112.435	3763501.758	592.26
LOCATION	L0000727	VOLUME	480115.190	3763505.930	592.34
LOCATION	L0000728	VOLUME	480117.945	3763510.102	592.41
LOCATION	L0000729	VOLUME	480120.701	3763514.275	592.48
LOCATION	L0000730	VOLUME	480123.456	3763518.447	592.55
LOCATION	L0000731	VOLUME	480126.211	3763522.619	592.62
LOCATION	L0000732	VOLUME	480127.561	3763527.411	592.67
LOCATION	L0000733	VOLUME	480128.779	3763532.260	592.71
LOCATION	L0000734	VOLUME	480129.996	3763537.109	592.75
LOCATION	L0000735	VOLUME	480131.214	3763541.959	592.80
LOCATION	L0000736	VOLUME	480132.432	3763546.808	592.84
LOCATION	L0000737	VOLUME	480133.650	3763551.658	592.88
LOCATION	L0000738	VOLUME	480134.868	3763556.507	592.93
LOCATION	L0000739	VOLUME	480136.085	3763561.357	592.97
LOCATION	L0000740	VOLUME	480137.303	3763566.206	593.01
LOCATION	L0000741	VOLUME	480138.521	3763571.055	593.05
LOCATION	L0000742	VOLUME	480139.739	3763575.905	593.10
LOCATION	L0000743	VOLUME	480140.957	3763580.754	593.14
LOCATION	L0000744	VOLUME	480142.174	3763585.604	593.18
LOCATION	L0000745	VOLUME	480143.392	3763590.453	593.22
LOCATION	L0000746	VOLUME	480144.610	3763595.303	593.27
LOCATION	L0000747	VOLUME	480145.828	3763600.152	593.31
LOCATION	L0000748	VOLUME	480147.046	3763605.001	593.35
LOCATION	L0000749	VOLUME	480148.263	3763609.851	593.40
LOCATION	L0000750	VOLUME	480149.481	3763614.700	593.44
LOCATION	L0000751	VOLUME	480150.699	3763619.550	593.48
LOCATION	L0000752	VOLUME	480151.917	3763624.399	593.52

Appendix C – AERMOD RUN – PM10

LOCATION	L0000753	VOLUME	480153.134	3763629.249	593.57
LOCATION	L0000754	VOLUME	480154.352	3763634.098	593.61
LOCATION	L0000755	VOLUME	480155.570	3763638.947	593.65
LOCATION	L0000756	VOLUME	480156.788	3763643.797	593.70
LOCATION	L0000757	VOLUME	480158.006	3763648.646	593.74
LOCATION	L0000758	VOLUME	480159.223	3763653.496	593.78
LOCATION	L0000759	VOLUME	480160.441	3763658.345	593.82
LOCATION	L0000760	VOLUME	480161.659	3763663.195	593.87
LOCATION	L0000761	VOLUME	480162.877	3763668.044	593.91
LOCATION	L0000762	VOLUME	480164.095	3763672.893	593.95
** End of LINE VOLUME Source ID = UNPAVED					
** Source Parameters **					
SRCPARAM	EQUIPMENT	1.3659E-07	1.524	12	5.000
AREAVERT	EQUIPMENT	480099.949	3764044.905	479927.544	3763799.910
AREAVERT	EQUIPMENT	479942.667	3763600.283	479612.982	3763582.136
AREAVERT	EQUIPMENT	479546.440	3763524.667	479780.458	3763095.952
AREAVERT	EQUIPMENT	480011.546	3763159.246	480198.584	3763204.502
AREAVERT	EQUIPMENT	480458.498	3763342.425	480481.053	3763603.308
AREAVERT	EQUIPMENT	480281.427	3764041.881	480160.441	3764087.250
** LINE VOLUME Source ID = PAVED					
SRCPARAM	L0000382	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000383	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000384	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000385	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000386	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000387	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000388	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000389	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000390	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000391	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000392	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000393	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000394	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000395	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000396	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000397	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000398	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000399	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000400	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000401	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000402	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000403	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000404	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000405	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000406	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000407	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000408	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000409	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000410	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000411	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000412	0.000004494	0.00	2.33	2.33

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

SRCPARAM	L0000617	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000618	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000619	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000620	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000621	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000622	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000623	0.000004494	0.00	2.33	2.33
SRCPARAM	L0000624	0.000004494	0.00	2.33	2.33
** -----					
** LINE VOLUME Source ID = UNPAVED					
SRCPARAM	L0000625	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000626	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000627	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000628	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000629	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000630	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000631	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000632	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000633	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000634	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000635	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000636	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000637	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000638	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000639	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000640	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000641	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000642	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000643	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000644	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000645	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000646	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000647	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000648	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000649	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000650	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000651	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000652	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000653	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000654	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000655	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000656	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000657	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000658	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000659	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000660	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000661	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000662	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000663	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000664	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000665	0.000003824	0.00	2.33	2.33

Appendix C – AERMOD RUN – PM10

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Appendix C – AERMOD RUN – PM10

SRCPARAM	L0000717	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000718	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000719	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000720	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000721	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000722	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000723	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000724	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000725	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000726	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000727	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000728	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000729	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000730	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000731	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000732	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000733	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000734	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000735	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000736	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000737	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000738	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000739	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000740	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000741	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000742	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000743	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000744	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000745	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000746	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000747	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000748	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000749	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000750	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000751	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000752	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000753	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000754	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000755	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000756	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000757	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000758	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000759	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000760	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000761	0.000003824	0.00	2.33	2.33
SRCPARAM	L0000762	0.000003824	0.00	2.33	2.33

**

URBANSRC ALL

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

** Variable Emission Scenario: "Scenario 1"

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

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Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

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Appendix C – AERMOD RUN – PM10

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Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

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Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

[illegible]

Appendix C – AERMOD RUN – PM10

EMISFACT	L0000750	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000751	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000751	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000751	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000751	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000752	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000752	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000752	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000752	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000753	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000753	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000753	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000753	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000754	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000754	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000754	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000754	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000755	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000755	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000755	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000755	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000756	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000756	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000756	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000756	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000757	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000757	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000757	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000757	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000758	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000758	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000758	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000758	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000759	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000759	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000759	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000759	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000760	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000760	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000760	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000760	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000761	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000761	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000761	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000761	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000762	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000762	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0000762	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0000762	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
SRCGROUP	ALL							

SO FINISHED

Appendix C – AERMOD RUN – PM10

```
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED STSL_PM10.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE Met\RDLD_v9.SFC
  PROFFILE Met\RDLD_v9.PFL
  SURFDATA 3171 2012
  UAIRDATA 3190 2012
  SITEDATA 99999 2012
  PROFBASE 481.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 24 ALL 1ST STSL_PM10.AD\24H1GALL.PLT 31
  SUMMFILE STSL_PM10.sum
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   ***
```

Appendix C – AERMOD RUN – PM10

```
***** WARNING MESSAGES *****
ME W186    2419      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used      0.50
ME W187    2419      MEOPEN: ADJ_U* Option for Low Winds used in AERMET

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


Appendix C – AERMOD RUN – PM10

```
*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM10\STSL_PM10.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:14:38
***                                     ***                                     ***      PAGE 1

*** MODELOPTS:   RegDEFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     ***      MODEL SETUP OPTIONS SUMMARY      ***
- - - - -

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

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

**Model Uses URBAN Dispersion Algorithm for the SBL for   382 Source(s),
  for Total of   1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =   1.000 m

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

**Other Options Specified:
  ADJ_U*   - Use ADJ_U* BETA option for SBL in AERMET
  TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of:  PM

**Model Calculates   1 Short Term Average(s) of:  24-HR

**This Run Includes:   382 Source(s);           1 Source Group(s); and           19 Receptor(s)

    with:           0 POINT(s), including
                   0 POINTCAP(s) and           0 POINTHOR(s)
    and:           381 VOLUME source(s)
    and:           1 AREA type source(s)
    and:           0 LINE source(s)
    and:           0 OPENPIT source(s)
    and:           0 BUOYANT LINE source(s) with           0 line(s)

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

Appendix C – AERMOD RUN – PM10

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

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

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.9 MB of RAM.

**Detailed Error/Message File: STSL_PM10.err

**File for Summary of Results: STSL_PM10.sum

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 2

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000382	0	0.44940E-05	480446.9	3764057.9	477.9	0.00	2.33	2.33	YES	HROFDY
L0000383	0	0.44940E-05	480442.5	3764060.1	478.0	0.00	2.33	2.33	YES	HROFDY
L0000384	0	0.44940E-05	480438.0	3764062.4	477.9	0.00	2.33	2.33	YES	HROFDY
L0000385	0	0.44940E-05	480433.5	3764064.7	477.9	0.00	2.33	2.33	YES	HROFDY
L0000386	0	0.44940E-05	480429.1	3764066.9	477.9	0.00	2.33	2.33	YES	HROFDY
L0000387	0	0.44940E-05	480424.6	3764069.2	477.9	0.00	2.33	2.33	YES	HROFDY
L0000388	0	0.44940E-05	480420.2	3764071.4	477.8	0.00	2.33	2.33	YES	HROFDY
L0000389	0	0.44940E-05	480415.7	3764073.7	477.8	0.00	2.33	2.33	YES	HROFDY
L0000390	0	0.44940E-05	480411.2	3764076.0	477.7	0.00	2.33	2.33	YES	HROFDY
L0000391	0	0.44940E-05	480406.8	3764078.2	477.6	0.00	2.33	2.33	YES	HROFDY
L0000392	0	0.44940E-05	480402.3	3764080.5	477.6	0.00	2.33	2.33	YES	HROFDY
L0000393	0	0.44940E-05	480397.9	3764082.8	477.7	0.00	2.33	2.33	YES	HROFDY
L0000394	0	0.44940E-05	480393.4	3764085.0	477.7	0.00	2.33	2.33	YES	HROFDY
L0000395	0	0.44940E-05	480388.9	3764087.3	477.8	0.00	2.33	2.33	YES	HROFDY
L0000396	0	0.44940E-05	480384.5	3764089.5	477.9	0.00	2.33	2.33	YES	HROFDY
L0000397	0	0.44940E-05	480380.0	3764091.8	478.2	0.00	2.33	2.33	YES	HROFDY
L0000398	0	0.44940E-05	480375.6	3764094.1	478.7	0.00	2.33	2.33	YES	HROFDY
L0000399	0	0.44940E-05	480371.1	3764096.3	478.9	0.00	2.33	2.33	YES	HROFDY
L0000400	0	0.44940E-05	480366.6	3764098.6	478.9	0.00	2.33	2.33	YES	HROFDY
L0000401	0	0.44940E-05	480362.2	3764100.8	479.3	0.00	2.33	2.33	YES	HROFDY
L0000402	0	0.44940E-05	480357.7	3764103.1	480.0	0.00	2.33	2.33	YES	HROFDY
L0000403	0	0.44940E-05	480353.3	3764105.4	480.4	0.00	2.33	2.33	YES	HROFDY
L0000404	0	0.44940E-05	480349.0	3764108.0	480.5	0.00	2.33	2.33	YES	HROFDY
L0000405	0	0.44940E-05	480344.7	3764110.5	481.0	0.00	2.33	2.33	YES	HROFDY
L0000406	0	0.44940E-05	480340.3	3764113.0	481.7	0.00	2.33	2.33	YES	HROFDY
L0000407	0	0.44940E-05	480336.0	3764115.5	482.1	0.00	2.33	2.33	YES	HROFDY
L0000408	0	0.44940E-05	480331.7	3764118.0	482.4	0.00	2.33	2.33	YES	HROFDY
L0000409	0	0.44940E-05	480327.4	3764120.6	482.9	0.00	2.33	2.33	YES	HROFDY
L0000410	0	0.44940E-05	480323.1	3764123.1	483.2	0.00	2.33	2.33	YES	HROFDY
L0000411	0	0.44940E-05	480318.8	3764125.6	483.6	0.00	2.33	2.33	YES	HROFDY
L0000412	0	0.44940E-05	480314.4	3764128.1	484.2	0.00	2.33	2.33	YES	HROFDY
L0000413	0	0.44940E-05	480310.1	3764130.6	484.8	0.00	2.33	2.33	YES	HROFDY
L0000414	0	0.44940E-05	480305.8	3764133.1	485.2	0.00	2.33	2.33	YES	HROFDY
L0000415	0	0.44940E-05	480301.5	3764135.7	486.1	0.00	2.33	2.33	YES	HROFDY
L0000416	0	0.44940E-05	480297.2	3764138.2	486.7	0.00	2.33	2.33	YES	HROFDY
L0000417	0	0.44940E-05	480292.8	3764140.7	486.8	0.00	2.33	2.33	YES	HROFDY
L0000418	0	0.44940E-05	480288.5	3764143.2	486.9	0.00	2.33	2.33	YES	HROFDY
L0000419	0	0.44940E-05	480284.2	3764145.7	487.7	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

L0000420	0	0.44940E-05	480279.9	3764148.3	488.2	0.00	2.33	2.33	YES	HROFDY
L0000421	0	0.44940E-05	480275.6	3764150.8	488.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 3

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000422	0	0.44940E-05	480271.2	3764153.3	488.4	0.00	2.33	2.33	YES	HROFDY
L0000423	0	0.44940E-05	480266.9	3764155.8	488.8	0.00	2.33	2.33	YES	HROFDY
L0000424	0	0.44940E-05	480262.6	3764158.3	489.3	0.00	2.33	2.33	YES	HROFDY
L0000425	0	0.44940E-05	480258.3	3764160.9	489.8	0.00	2.33	2.33	YES	HROFDY
L0000426	0	0.44940E-05	480253.5	3764161.6	490.2	0.00	2.33	2.33	YES	HROFDY
L0000427	0	0.44940E-05	480248.5	3764161.5	490.7	0.00	2.33	2.33	YES	HROFDY
L0000428	0	0.44940E-05	480243.5	3764161.5	491.2	0.00	2.33	2.33	YES	HROFDY
L0000429	0	0.44940E-05	480238.5	3764161.4	491.7	0.00	2.33	2.33	YES	HROFDY
L0000430	0	0.44940E-05	480233.5	3764161.4	492.2	0.00	2.33	2.33	YES	HROFDY
L0000431	0	0.44940E-05	480228.5	3764161.3	492.6	0.00	2.33	2.33	YES	HROFDY
L0000432	0	0.44940E-05	480223.5	3764161.3	493.0	0.00	2.33	2.33	YES	HROFDY
L0000433	0	0.44940E-05	480218.5	3764161.2	493.5	0.00	2.33	2.33	YES	HROFDY
L0000434	0	0.44940E-05	480213.5	3764161.2	494.0	0.00	2.33	2.33	YES	HROFDY
L0000435	0	0.44940E-05	480208.5	3764161.1	494.4	0.00	2.33	2.33	YES	HROFDY
L0000436	0	0.44940E-05	480203.5	3764161.1	494.9	0.00	2.33	2.33	YES	HROFDY
L0000437	0	0.44940E-05	480198.5	3764161.0	495.3	0.00	2.33	2.33	YES	HROFDY
L0000438	0	0.44940E-05	480193.5	3764161.0	495.8	0.00	2.33	2.33	YES	HROFDY
L0000439	0	0.44940E-05	480188.5	3764160.9	496.2	0.00	2.33	2.33	YES	HROFDY
L0000440	0	0.44940E-05	480183.5	3764160.9	496.6	0.00	2.33	2.33	YES	HROFDY
L0000441	0	0.44940E-05	480178.5	3764160.8	497.1	0.00	2.33	2.33	YES	HROFDY
L0000442	0	0.44940E-05	480173.5	3764160.8	497.5	0.00	2.33	2.33	YES	HROFDY
L0000443	0	0.44940E-05	480168.5	3764160.7	498.0	0.00	2.33	2.33	YES	HROFDY
L0000444	0	0.44940E-05	480163.5	3764160.6	498.4	0.00	2.33	2.33	YES	HROFDY
L0000445	0	0.44940E-05	480158.5	3764160.6	498.8	0.00	2.33	2.33	YES	HROFDY
L0000446	0	0.44940E-05	480153.5	3764160.5	499.2	0.00	2.33	2.33	YES	HROFDY
L0000447	0	0.44940E-05	480148.5	3764160.5	499.6	0.00	2.33	2.33	YES	HROFDY
L0000448	0	0.44940E-05	480143.5	3764160.4	499.9	0.00	2.33	2.33	YES	HROFDY
L0000449	0	0.44940E-05	480138.5	3764160.4	500.2	0.00	2.33	2.33	YES	HROFDY
L0000450	0	0.44940E-05	480133.5	3764160.3	500.6	0.00	2.33	2.33	YES	HROFDY
L0000451	0	0.44940E-05	480128.5	3764160.3	501.0	0.00	2.33	2.33	YES	HROFDY
L0000452	0	0.44940E-05	480123.9	3764159.2	501.4	0.00	2.33	2.33	YES	HROFDY
L0000453	0	0.44940E-05	480120.3	3764155.8	501.7	0.00	2.33	2.33	YES	HROFDY
L0000454	0	0.44940E-05	480116.6	3764152.4	502.2	0.00	2.33	2.33	YES	HROFDY
L0000455	0	0.44940E-05	480112.9	3764149.0	502.8	0.00	2.33	2.33	YES	HROFDY
L0000456	0	0.44940E-05	480109.2	3764145.6	503.1	0.00	2.33	2.33	YES	HROFDY
L0000457	0	0.44940E-05	480105.6	3764142.2	503.6	0.00	2.33	2.33	YES	HROFDY
L0000458	0	0.44940E-05	480101.9	3764138.8	504.0	0.00	2.33	2.33	YES	HROFDY
L0000459	0	0.44940E-05	480098.2	3764135.4	504.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

L0000460	0	0.44940E-05	480094.6	3764132.0	505.0	0.00	2.33	2.33	YES	HROFDY
L0000461	0	0.44940E-05	480090.9	3764128.6	505.4	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 4

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000462	0	0.44940E-05	480088.6	3764124.6	505.7	0.00	2.33	2.33	YES	HROFDY
L0000463	0	0.44940E-05	480088.9	3764119.6	506.1	0.00	2.33	2.33	YES	HROFDY
L0000464	0	0.44940E-05	480089.1	3764114.6	506.4	0.00	2.33	2.33	YES	HROFDY
L0000465	0	0.44940E-05	480089.3	3764109.6	506.8	0.00	2.33	2.33	YES	HROFDY
L0000466	0	0.44940E-05	480089.6	3764104.6	507.2	0.00	2.33	2.33	YES	HROFDY
L0000467	0	0.44940E-05	480089.8	3764099.6	507.6	0.00	2.33	2.33	YES	HROFDY
L0000468	0	0.44940E-05	480090.0	3764094.7	507.9	0.00	2.33	2.33	YES	HROFDY
L0000469	0	0.44940E-05	480090.2	3764089.7	508.3	0.00	2.33	2.33	YES	HROFDY
L0000470	0	0.44940E-05	480090.5	3764084.7	508.6	0.00	2.33	2.33	YES	HROFDY
L0000471	0	0.44940E-05	480092.2	3764080.4	508.9	0.00	2.33	2.33	YES	HROFDY
L0000472	0	0.44940E-05	480095.9	3764077.0	509.2	0.00	2.33	2.33	YES	HROFDY
L0000473	0	0.44940E-05	480099.6	3764073.7	509.5	0.00	2.33	2.33	YES	HROFDY
L0000474	0	0.44940E-05	480103.3	3764070.3	509.9	0.00	2.33	2.33	YES	HROFDY
L0000475	0	0.44940E-05	480107.0	3764067.0	510.2	0.00	2.33	2.33	YES	HROFDY
L0000476	0	0.44940E-05	480110.7	3764063.6	510.5	0.00	2.33	2.33	YES	HROFDY
L0000477	0	0.44940E-05	480114.4	3764060.3	510.9	0.00	2.33	2.33	YES	HROFDY
L0000478	0	0.44940E-05	480118.1	3764056.9	511.2	0.00	2.33	2.33	YES	HROFDY
L0000479	0	0.44940E-05	480123.0	3764057.3	511.4	0.00	2.33	2.33	YES	HROFDY
L0000480	0	0.44940E-05	480128.0	3764057.9	511.7	0.00	2.33	2.33	YES	HROFDY
L0000481	0	0.44940E-05	480133.0	3764058.5	512.0	0.00	2.33	2.33	YES	HROFDY
L0000482	0	0.44940E-05	480137.9	3764059.1	512.3	0.00	2.33	2.33	YES	HROFDY
L0000483	0	0.44940E-05	480142.9	3764059.6	512.7	0.00	2.33	2.33	YES	HROFDY
L0000484	0	0.44940E-05	480147.9	3764060.2	513.1	0.00	2.33	2.33	YES	HROFDY
L0000485	0	0.44940E-05	480152.8	3764060.8	513.4	0.00	2.33	2.33	YES	HROFDY
L0000486	0	0.44940E-05	480157.8	3764061.4	513.7	0.00	2.33	2.33	YES	HROFDY
L0000487	0	0.44940E-05	480162.8	3764062.0	514.1	0.00	2.33	2.33	YES	HROFDY
L0000488	0	0.44940E-05	480167.7	3764062.6	514.6	0.00	2.33	2.33	YES	HROFDY
L0000489	0	0.44940E-05	480172.7	3764063.1	515.0	0.00	2.33	2.33	YES	HROFDY
L0000490	0	0.44940E-05	480177.7	3764063.7	515.3	0.00	2.33	2.33	YES	HROFDY
L0000491	0	0.44940E-05	480182.6	3764064.3	515.5	0.00	2.33	2.33	YES	HROFDY
L0000492	0	0.44940E-05	480187.6	3764064.8	515.6	0.00	2.33	2.33	YES	HROFDY
L0000493	0	0.44940E-05	480192.4	3764063.4	516.0	0.00	2.33	2.33	YES	HROFDY
L0000494	0	0.44940E-05	480197.2	3764062.1	516.3	0.00	2.33	2.33	YES	HROFDY
L0000495	0	0.44940E-05	480202.0	3764060.8	516.6	0.00	2.33	2.33	YES	HROFDY
L0000496	0	0.44940E-05	480206.9	3764059.4	516.9	0.00	2.33	2.33	YES	HROFDY
L0000497	0	0.44940E-05	480211.7	3764058.1	517.3	0.00	2.33	2.33	YES	HROFDY
L0000498	0	0.44940E-05	480216.5	3764056.7	517.6	0.00	2.33	2.33	YES	HROFDY
L0000499	0	0.44940E-05	480221.3	3764055.4	517.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

L0000500	0	0.44940E-05	480226.1	3764054.0	518.2	0.00	2.33	2.33	YES	HROFDY
L0000501	0	0.44940E-05	480230.9	3764052.7	518.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 5

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000502	0	0.44940E-05	480234.7	3764049.9	518.7	0.00	2.33	2.33	YES	HROFDY
L0000503	0	0.44940E-05	480237.4	3764045.7	519.1	0.00	2.33	2.33	YES	HROFDY
L0000504	0	0.44940E-05	480240.0	3764041.5	519.4	0.00	2.33	2.33	YES	HROFDY
L0000505	0	0.44940E-05	480242.7	3764037.2	519.7	0.00	2.33	2.33	YES	HROFDY
L0000506	0	0.44940E-05	480245.4	3764033.0	520.0	0.00	2.33	2.33	YES	HROFDY
L0000507	0	0.44940E-05	480248.1	3764028.8	520.5	0.00	2.33	2.33	YES	HROFDY
L0000508	0	0.44940E-05	480250.8	3764024.6	521.1	0.00	2.33	2.33	YES	HROFDY
L0000509	0	0.44940E-05	480253.5	3764020.4	521.4	0.00	2.33	2.33	YES	HROFDY
L0000510	0	0.44940E-05	480256.1	3764016.1	521.9	0.00	2.33	2.33	YES	HROFDY
L0000511	0	0.44940E-05	480258.8	3764011.9	522.4	0.00	2.33	2.33	YES	HROFDY
L0000512	0	0.44940E-05	480261.5	3764007.7	522.8	0.00	2.33	2.33	YES	HROFDY
L0000513	0	0.44940E-05	480264.2	3764003.5	523.2	0.00	2.33	2.33	YES	HROFDY
L0000514	0	0.44940E-05	480266.9	3763999.3	523.7	0.00	2.33	2.33	YES	HROFDY
L0000515	0	0.44940E-05	480269.6	3763995.0	524.2	0.00	2.33	2.33	YES	HROFDY
L0000516	0	0.44940E-05	480272.2	3763990.8	524.2	0.00	2.33	2.33	YES	HROFDY
L0000517	0	0.44940E-05	480274.9	3763986.6	524.6	0.00	2.33	2.33	YES	HROFDY
L0000518	0	0.44940E-05	480277.6	3763982.4	525.0	0.00	2.33	2.33	YES	HROFDY
L0000519	0	0.44940E-05	480280.3	3763978.2	524.7	0.00	2.33	2.33	YES	HROFDY
L0000520	0	0.44940E-05	480283.0	3763974.0	525.2	0.00	2.33	2.33	YES	HROFDY
L0000521	0	0.44940E-05	480285.7	3763969.7	525.6	0.00	2.33	2.33	YES	HROFDY
L0000522	0	0.44940E-05	480288.3	3763965.5	525.8	0.00	2.33	2.33	YES	HROFDY
L0000523	0	0.44940E-05	480291.0	3763961.3	525.9	0.00	2.33	2.33	YES	HROFDY
L0000524	0	0.44940E-05	480293.7	3763957.1	526.2	0.00	2.33	2.33	YES	HROFDY
L0000525	0	0.44940E-05	480296.4	3763952.9	526.3	0.00	2.33	2.33	YES	HROFDY
L0000526	0	0.44940E-05	480299.1	3763948.6	526.3	0.00	2.33	2.33	YES	HROFDY
L0000527	0	0.44940E-05	480301.8	3763944.4	526.8	0.00	2.33	2.33	YES	HROFDY
L0000528	0	0.44940E-05	480304.4	3763940.2	527.1	0.00	2.33	2.33	YES	HROFDY
L0000529	0	0.44940E-05	480307.1	3763936.0	527.1	0.00	2.33	2.33	YES	HROFDY
L0000530	0	0.44940E-05	480309.8	3763931.8	527.5	0.00	2.33	2.33	YES	HROFDY
L0000531	0	0.44940E-05	480312.5	3763927.5	527.8	0.00	2.33	2.33	YES	HROFDY
L0000532	0	0.44940E-05	480315.2	3763923.3	527.9	0.00	2.33	2.33	YES	HROFDY
L0000533	0	0.44940E-05	480317.9	3763919.1	528.2	0.00	2.33	2.33	YES	HROFDY
L0000534	0	0.44940E-05	480320.5	3763914.9	528.4	0.00	2.33	2.33	YES	HROFDY
L0000535	0	0.44940E-05	480323.2	3763910.7	528.7	0.00	2.33	2.33	YES	HROFDY
L0000536	0	0.44940E-05	480325.9	3763906.4	529.1	0.00	2.33	2.33	YES	HROFDY
L0000537	0	0.44940E-05	480327.7	3763901.8	529.4	0.00	2.33	2.33	YES	HROFDY
L0000538	0	0.44940E-05	480329.2	3763897.0	529.5	0.00	2.33	2.33	YES	HROFDY
L0000539	0	0.44940E-05	480330.6	3763892.3	529.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

L0000540	0	0.44940E-05	480332.1	3763887.5	530.1	0.00	2.33	2.33	YES	HROFDY
L0000541	0	0.44940E-05	480333.5	3763882.7	530.4	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 6

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000542	0	0.44940E-05	480334.9	3763877.9	530.8	0.00	2.33	2.33	YES	HROFDY
L0000543	0	0.44940E-05	480336.4	3763873.1	531.1	0.00	2.33	2.33	YES	HROFDY
L0000544	0	0.44940E-05	480337.8	3763868.3	531.2	0.00	2.33	2.33	YES	HROFDY
L0000545	0	0.44940E-05	480339.3	3763863.5	531.4	0.00	2.33	2.33	YES	HROFDY
L0000546	0	0.44940E-05	480340.7	3763858.8	531.7	0.00	2.33	2.33	YES	HROFDY
L0000547	0	0.44940E-05	480342.2	3763854.0	532.3	0.00	2.33	2.33	YES	HROFDY
L0000548	0	0.44940E-05	480343.6	3763849.2	532.6	0.00	2.33	2.33	YES	HROFDY
L0000549	0	0.44940E-05	480345.1	3763844.4	532.8	0.00	2.33	2.33	YES	HROFDY
L0000550	0	0.44940E-05	480346.5	3763839.6	533.0	0.00	2.33	2.33	YES	HROFDY
L0000551	0	0.44940E-05	480348.0	3763834.8	533.0	0.00	2.33	2.33	YES	HROFDY
L0000552	0	0.44940E-05	480349.4	3763830.0	533.3	0.00	2.33	2.33	YES	HROFDY
L0000553	0	0.44940E-05	480350.9	3763825.2	534.1	0.00	2.33	2.33	YES	HROFDY
L0000554	0	0.44940E-05	480352.3	3763820.5	534.6	0.00	2.33	2.33	YES	HROFDY
L0000555	0	0.44940E-05	480353.7	3763815.7	534.9	0.00	2.33	2.33	YES	HROFDY
L0000556	0	0.44940E-05	480355.2	3763810.9	535.1	0.00	2.33	2.33	YES	HROFDY
L0000557	0	0.44940E-05	480356.6	3763806.1	535.0	0.00	2.33	2.33	YES	HROFDY
L0000558	0	0.44940E-05	480358.1	3763801.3	535.1	0.00	2.33	2.33	YES	HROFDY
L0000559	0	0.44940E-05	480359.5	3763796.5	535.7	0.00	2.33	2.33	YES	HROFDY
L0000560	0	0.44940E-05	480361.0	3763791.7	536.0	0.00	2.33	2.33	YES	HROFDY
L0000561	0	0.44940E-05	480362.4	3763787.0	536.3	0.00	2.33	2.33	YES	HROFDY
L0000562	0	0.44940E-05	480363.9	3763782.2	536.5	0.00	2.33	2.33	YES	HROFDY
L0000563	0	0.44940E-05	480365.3	3763777.4	536.7	0.00	2.33	2.33	YES	HROFDY
L0000564	0	0.44940E-05	480367.6	3763773.0	536.8	0.00	2.33	2.33	YES	HROFDY
L0000565	0	0.44940E-05	480370.6	3763769.0	537.4	0.00	2.33	2.33	YES	HROFDY
L0000566	0	0.44940E-05	480373.5	3763764.9	537.6	0.00	2.33	2.33	YES	HROFDY
L0000567	0	0.44940E-05	480376.5	3763760.9	537.9	0.00	2.33	2.33	YES	HROFDY
L0000568	0	0.44940E-05	480379.4	3763756.9	538.4	0.00	2.33	2.33	YES	HROFDY
L0000569	0	0.44940E-05	480382.4	3763752.8	538.5	0.00	2.33	2.33	YES	HROFDY
L0000570	0	0.44940E-05	480385.3	3763748.8	539.0	0.00	2.33	2.33	YES	HROFDY
L0000571	0	0.44940E-05	480388.3	3763744.8	539.3	0.00	2.33	2.33	YES	HROFDY
L0000572	0	0.44940E-05	480391.2	3763740.7	539.4	0.00	2.33	2.33	YES	HROFDY
L0000573	0	0.44940E-05	480394.2	3763736.7	539.9	0.00	2.33	2.33	YES	HROFDY
L0000574	0	0.44940E-05	480397.1	3763732.7	540.2	0.00	2.33	2.33	YES	HROFDY
L0000575	0	0.44940E-05	480400.1	3763728.6	540.1	0.00	2.33	2.33	YES	HROFDY
L0000576	0	0.44940E-05	480403.0	3763724.6	540.3	0.00	2.33	2.33	YES	HROFDY
L0000577	0	0.44940E-05	480406.0	3763720.5	540.7	0.00	2.33	2.33	YES	HROFDY
L0000578	0	0.44940E-05	480408.9	3763716.5	541.0	0.00	2.33	2.33	YES	HROFDY
L0000579	0	0.44940E-05	480411.9	3763712.5	541.3	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

L0000580	0	0.44940E-05	480414.8	3763708.4	541.6	0.00	2.33	2.33	YES	HROFDY
L0000581	0	0.44940E-05	480417.8	3763704.4	541.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 7

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000582	0	0.44940E-05	480420.7	3763700.4	542.1	0.00	2.33	2.33	YES	HROFDY
L0000583	0	0.44940E-05	480423.7	3763696.3	542.4	0.00	2.33	2.33	YES	HROFDY
L0000584	0	0.44940E-05	480426.6	3763692.3	542.5	0.00	2.33	2.33	YES	HROFDY
L0000585	0	0.44940E-05	480429.6	3763688.3	543.0	0.00	2.33	2.33	YES	HROFDY
L0000586	0	0.44940E-05	480432.5	3763684.2	543.3	0.00	2.33	2.33	YES	HROFDY
L0000587	0	0.44940E-05	480435.5	3763680.2	543.3	0.00	2.33	2.33	YES	HROFDY
L0000588	0	0.44940E-05	480438.4	3763676.1	543.8	0.00	2.33	2.33	YES	HROFDY
L0000589	0	0.44940E-05	480441.4	3763672.1	544.0	0.00	2.33	2.33	YES	HROFDY
L0000590	0	0.44940E-05	480444.3	3763668.1	544.1	0.00	2.33	2.33	YES	HROFDY
L0000591	0	0.44940E-05	480447.3	3763664.0	544.3	0.00	2.33	2.33	YES	HROFDY
L0000592	0	0.44940E-05	480450.2	3763660.0	544.6	0.00	2.33	2.33	YES	HROFDY
L0000593	0	0.44940E-05	480451.1	3763655.1	544.9	0.00	2.33	2.33	YES	HROFDY
L0000594	0	0.44940E-05	480451.7	3763650.2	545.2	0.00	2.33	2.33	YES	HROFDY
L0000595	0	0.44940E-05	480452.3	3763645.2	545.4	0.00	2.33	2.33	YES	HROFDY
L0000596	0	0.44940E-05	480452.9	3763640.2	545.7	0.00	2.33	2.33	YES	HROFDY
L0000597	0	0.44940E-05	480453.5	3763635.3	546.0	0.00	2.33	2.33	YES	HROFDY
L0000598	0	0.44940E-05	480454.1	3763630.3	546.3	0.00	2.33	2.33	YES	HROFDY
L0000599	0	0.44940E-05	480454.7	3763625.3	546.7	0.00	2.33	2.33	YES	HROFDY
L0000600	0	0.44940E-05	480455.4	3763620.4	547.0	0.00	2.33	2.33	YES	HROFDY
L0000601	0	0.44940E-05	480456.0	3763615.4	547.3	0.00	2.33	2.33	YES	HROFDY
L0000602	0	0.44940E-05	480456.6	3763610.5	547.7	0.00	2.33	2.33	YES	HROFDY
L0000603	0	0.44940E-05	480457.2	3763605.5	548.0	0.00	2.33	2.33	YES	HROFDY
L0000604	0	0.44940E-05	480457.8	3763600.5	548.4	0.00	2.33	2.33	YES	HROFDY
L0000605	0	0.44940E-05	480458.4	3763595.6	548.8	0.00	2.33	2.33	YES	HROFDY
L0000606	0	0.44940E-05	480459.0	3763590.6	549.3	0.00	2.33	2.33	YES	HROFDY
L0000607	0	0.44940E-05	480457.5	3763586.2	549.8	0.00	2.33	2.33	YES	HROFDY
L0000608	0	0.44940E-05	480454.5	3763582.2	550.3	0.00	2.33	2.33	YES	HROFDY
L0000609	0	0.44940E-05	480451.5	3763578.2	550.6	0.00	2.33	2.33	YES	HROFDY
L0000610	0	0.44940E-05	480448.5	3763574.2	551.2	0.00	2.33	2.33	YES	HROFDY
L0000611	0	0.44940E-05	480445.5	3763570.2	551.7	0.00	2.33	2.33	YES	HROFDY
L0000612	0	0.44940E-05	480442.5	3763566.2	552.1	0.00	2.33	2.33	YES	HROFDY
L0000613	0	0.44940E-05	480439.5	3763562.2	552.7	0.00	2.33	2.33	YES	HROFDY
L0000614	0	0.44940E-05	480436.6	3763558.2	553.2	0.00	2.33	2.33	YES	HROFDY
L0000615	0	0.44940E-05	480433.6	3763554.2	553.8	0.00	2.33	2.33	YES	HROFDY
L0000616	0	0.44940E-05	480430.6	3763550.2	554.4	0.00	2.33	2.33	YES	HROFDY
L0000617	0	0.44940E-05	480427.6	3763546.2	554.9	0.00	2.33	2.33	YES	HROFDY
L0000618	0	0.44940E-05	480424.6	3763542.2	555.4	0.00	2.33	2.33	YES	HROFDY
L0000619	0	0.44940E-05	480421.6	3763538.2	555.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

L0000620	0	0.44940E-05	480418.6	3763534.2	556.3	0.00	2.33	2.33	YES	HROFDY
L0000621	0	0.44940E-05	480415.6	3763530.2	556.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 8

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000622	0	0.44940E-05	480412.6	3763526.2	557.2	0.00	2.33	2.33	YES	HROFDY
L0000623	0	0.44940E-05	480409.6	3763522.1	557.7	0.00	2.33	2.33	YES	HROFDY
L0000624	0	0.44940E-05	480406.6	3763518.1	558.1	0.00	2.33	2.33	YES	HROFDY
L0000625	0	0.38240E-05	480397.0	3763514.2	559.3	0.00	2.33	2.33	YES	HROFDY
L0000626	0	0.38240E-05	480392.7	3763511.5	559.8	0.00	2.33	2.33	YES	HROFDY
L0000627	0	0.38240E-05	480388.5	3763508.9	560.3	0.00	2.33	2.33	YES	HROFDY
L0000628	0	0.38240E-05	480384.3	3763506.2	560.8	0.00	2.33	2.33	YES	HROFDY
L0000629	0	0.38240E-05	480380.0	3763503.6	561.4	0.00	2.33	2.33	YES	HROFDY
L0000630	0	0.38240E-05	480375.8	3763500.9	561.9	0.00	2.33	2.33	YES	HROFDY
L0000631	0	0.38240E-05	480371.6	3763498.2	562.4	0.00	2.33	2.33	YES	HROFDY
L0000632	0	0.38240E-05	480367.3	3763495.6	562.9	0.00	2.33	2.33	YES	HROFDY
L0000633	0	0.38240E-05	480363.1	3763492.9	563.4	0.00	2.33	2.33	YES	HROFDY
L0000634	0	0.38240E-05	480358.9	3763490.3	563.9	0.00	2.33	2.33	YES	HROFDY
L0000635	0	0.38240E-05	480354.6	3763487.6	564.5	0.00	2.33	2.33	YES	HROFDY
L0000636	0	0.38240E-05	480350.4	3763484.9	565.0	0.00	2.33	2.33	YES	HROFDY
L0000637	0	0.38240E-05	480346.2	3763482.3	565.5	0.00	2.33	2.33	YES	HROFDY
L0000638	0	0.38240E-05	480341.9	3763479.6	566.0	0.00	2.33	2.33	YES	HROFDY
L0000639	0	0.38240E-05	480337.7	3763477.0	566.5	0.00	2.33	2.33	YES	HROFDY
L0000640	0	0.38240E-05	480333.5	3763474.3	567.0	0.00	2.33	2.33	YES	HROFDY
L0000641	0	0.38240E-05	480329.2	3763471.6	567.5	0.00	2.33	2.33	YES	HROFDY
L0000642	0	0.38240E-05	480325.0	3763469.0	568.1	0.00	2.33	2.33	YES	HROFDY
L0000643	0	0.38240E-05	480320.5	3763468.1	568.5	0.00	2.33	2.33	YES	HROFDY
L0000644	0	0.38240E-05	480315.7	3763469.3	568.8	0.00	2.33	2.33	YES	HROFDY
L0000645	0	0.38240E-05	480310.8	3763470.6	569.2	0.00	2.33	2.33	YES	HROFDY
L0000646	0	0.38240E-05	480306.0	3763471.8	569.5	0.00	2.33	2.33	YES	HROFDY
L0000647	0	0.38240E-05	480301.1	3763473.1	569.9	0.00	2.33	2.33	YES	HROFDY
L0000648	0	0.38240E-05	480296.3	3763474.3	570.2	0.00	2.33	2.33	YES	HROFDY
L0000649	0	0.38240E-05	480291.4	3763475.6	570.6	0.00	2.33	2.33	YES	HROFDY
L0000650	0	0.38240E-05	480286.6	3763476.8	570.9	0.00	2.33	2.33	YES	HROFDY
L0000651	0	0.38240E-05	480281.8	3763478.1	571.3	0.00	2.33	2.33	YES	HROFDY
L0000652	0	0.38240E-05	480276.9	3763479.3	571.6	0.00	2.33	2.33	YES	HROFDY
L0000653	0	0.38240E-05	480272.1	3763480.6	572.0	0.00	2.33	2.33	YES	HROFDY
L0000654	0	0.38240E-05	480267.2	3763481.8	572.3	0.00	2.33	2.33	YES	HROFDY
L0000655	0	0.38240E-05	480262.4	3763483.1	572.7	0.00	2.33	2.33	YES	HROFDY
L0000656	0	0.38240E-05	480257.6	3763484.4	573.0	0.00	2.33	2.33	YES	HROFDY
L0000657	0	0.38240E-05	480252.7	3763485.6	573.4	0.00	2.33	2.33	YES	HROFDY
L0000658	0	0.38240E-05	480247.9	3763486.9	573.8	0.00	2.33	2.33	YES	HROFDY
L0000659	0	0.38240E-05	480242.9	3763487.4	574.2	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

L0000660	0	0.38240E-05	480237.9	3763487.7	574.7	0.00	2.33	2.33	YES	HROFDY
L0000661	0	0.38240E-05	480232.9	3763488.0	575.1	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 9

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000662	0	0.38240E-05	480228.0	3763488.3	575.6	0.00	2.33	2.33	YES	HROFDY
L0000663	0	0.38240E-05	480223.0	3763488.6	576.1	0.00	2.33	2.33	YES	HROFDY
L0000664	0	0.38240E-05	480218.0	3763488.9	576.6	0.00	2.33	2.33	YES	HROFDY
L0000665	0	0.38240E-05	480213.0	3763489.2	577.0	0.00	2.33	2.33	YES	HROFDY
L0000666	0	0.38240E-05	480208.0	3763489.5	577.5	0.00	2.33	2.33	YES	HROFDY
L0000667	0	0.38240E-05	480203.0	3763489.8	578.0	0.00	2.33	2.33	YES	HROFDY
L0000668	0	0.38240E-05	480198.0	3763490.1	578.5	0.00	2.33	2.33	YES	HROFDY
L0000669	0	0.38240E-05	480193.0	3763490.4	578.9	0.00	2.33	2.33	YES	HROFDY
L0000670	0	0.38240E-05	480188.4	3763489.2	579.3	0.00	2.33	2.33	YES	HROFDY
L0000671	0	0.38240E-05	480184.0	3763486.7	579.7	0.00	2.33	2.33	YES	HROFDY
L0000672	0	0.38240E-05	480179.7	3763484.2	580.1	0.00	2.33	2.33	YES	HROFDY
L0000673	0	0.38240E-05	480175.3	3763481.7	580.5	0.00	2.33	2.33	YES	HROFDY
L0000674	0	0.38240E-05	480171.0	3763479.3	580.8	0.00	2.33	2.33	YES	HROFDY
L0000675	0	0.38240E-05	480166.7	3763476.8	581.2	0.00	2.33	2.33	YES	HROFDY
L0000676	0	0.38240E-05	480162.3	3763474.3	581.6	0.00	2.33	2.33	YES	HROFDY
L0000677	0	0.38240E-05	480158.0	3763471.8	581.9	0.00	2.33	2.33	YES	HROFDY
L0000678	0	0.38240E-05	480153.6	3763469.4	582.3	0.00	2.33	2.33	YES	HROFDY
L0000679	0	0.38240E-05	480149.3	3763466.9	582.7	0.00	2.33	2.33	YES	HROFDY
L0000680	0	0.38240E-05	480144.9	3763464.4	583.0	0.00	2.33	2.33	YES	HROFDY
L0000681	0	0.38240E-05	480140.6	3763461.9	583.4	0.00	2.33	2.33	YES	HROFDY
L0000682	0	0.38240E-05	480136.2	3763459.5	583.8	0.00	2.33	2.33	YES	HROFDY
L0000683	0	0.38240E-05	480131.9	3763457.0	584.1	0.00	2.33	2.33	YES	HROFDY
L0000684	0	0.38240E-05	480127.6	3763454.5	584.5	0.00	2.33	2.33	YES	HROFDY
L0000685	0	0.38240E-05	480123.2	3763452.0	584.9	0.00	2.33	2.33	YES	HROFDY
L0000686	0	0.38240E-05	480118.9	3763449.5	585.2	0.00	2.33	2.33	YES	HROFDY
L0000687	0	0.38240E-05	480115.1	3763446.2	585.6	0.00	2.33	2.33	YES	HROFDY
L0000688	0	0.38240E-05	480111.5	3763442.8	585.9	0.00	2.33	2.33	YES	HROFDY
L0000689	0	0.38240E-05	480107.9	3763439.4	586.2	0.00	2.33	2.33	YES	HROFDY
L0000690	0	0.38240E-05	480104.2	3763436.0	586.6	0.00	2.33	2.33	YES	HROFDY
L0000691	0	0.38240E-05	480100.6	3763432.5	586.9	0.00	2.33	2.33	YES	HROFDY
L0000692	0	0.38240E-05	480096.9	3763429.1	587.2	0.00	2.33	2.33	YES	HROFDY
L0000693	0	0.38240E-05	480093.3	3763425.7	587.5	0.00	2.33	2.33	YES	HROFDY
L0000694	0	0.38240E-05	480089.7	3763422.3	587.9	0.00	2.33	2.33	YES	HROFDY
L0000695	0	0.38240E-05	480086.0	3763418.8	588.2	0.00	2.33	2.33	YES	HROFDY
L0000696	0	0.38240E-05	480082.4	3763415.4	588.5	0.00	2.33	2.33	YES	HROFDY
L0000697	0	0.38240E-05	480078.7	3763412.0	588.8	0.00	2.33	2.33	YES	HROFDY
L0000698	0	0.38240E-05	480075.1	3763408.5	589.2	0.00	2.33	2.33	YES	HROFDY
L0000699	0	0.38240E-05	480071.2	3763406.4	589.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

L0000700	0	0.38240E-05	480066.5	3763408.1	590.0	0.00	2.33	2.33	YES	HROFDY
L0000701	0	0.38240E-05	480061.9	3763409.9	590.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 10

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000702	0	0.38240E-05	480057.2	3763411.7	591.0	0.00	2.33	2.33	YES	HROFDY
L0000703	0	0.38240E-05	480052.6	3763413.6	591.4	0.00	2.33	2.33	YES	HROFDY
L0000704	0	0.38240E-05	480051.3	3763418.4	591.5	0.00	2.33	2.33	YES	HROFDY
L0000705	0	0.38240E-05	480049.9	3763423.2	591.6	0.00	2.33	2.33	YES	HROFDY
L0000706	0	0.38240E-05	480048.5	3763428.0	591.6	0.00	2.33	2.33	YES	HROFDY
L0000707	0	0.38240E-05	480047.7	3763432.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0000708	0	0.38240E-05	480051.2	3763436.2	591.7	0.00	2.33	2.33	YES	HROFDY
L0000709	0	0.38240E-05	480054.8	3763439.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0000710	0	0.38240E-05	480058.3	3763443.2	591.8	0.00	2.33	2.33	YES	HROFDY
L0000711	0	0.38240E-05	480061.9	3763446.7	591.8	0.00	2.33	2.33	YES	HROFDY
L0000712	0	0.38240E-05	480065.4	3763450.3	591.8	0.00	2.33	2.33	YES	HROFDY
L0000713	0	0.38240E-05	480069.0	3763453.8	591.8	0.00	2.33	2.33	YES	HROFDY
L0000714	0	0.38240E-05	480072.6	3763457.3	591.8	0.00	2.33	2.33	YES	HROFDY
L0000715	0	0.38240E-05	480076.1	3763460.8	591.8	0.00	2.33	2.33	YES	HROFDY
L0000716	0	0.38240E-05	480079.7	3763464.3	591.9	0.00	2.33	2.33	YES	HROFDY
L0000717	0	0.38240E-05	480083.2	3763467.8	591.9	0.00	2.33	2.33	YES	HROFDY
L0000718	0	0.38240E-05	480086.8	3763471.3	591.9	0.00	2.33	2.33	YES	HROFDY
L0000719	0	0.38240E-05	480090.3	3763474.9	591.9	0.00	2.33	2.33	YES	HROFDY
L0000720	0	0.38240E-05	480093.9	3763478.4	592.0	0.00	2.33	2.33	YES	HROFDY
L0000721	0	0.38240E-05	480097.5	3763481.9	592.0	0.00	2.33	2.33	YES	HROFDY
L0000722	0	0.38240E-05	480101.0	3763485.4	592.0	0.00	2.33	2.33	YES	HROFDY
L0000723	0	0.38240E-05	480104.2	3763489.2	592.0	0.00	2.33	2.33	YES	HROFDY
L0000724	0	0.38240E-05	480106.9	3763493.4	592.1	0.00	2.33	2.33	YES	HROFDY
L0000725	0	0.38240E-05	480109.7	3763497.6	592.2	0.00	2.33	2.33	YES	HROFDY
L0000726	0	0.38240E-05	480112.4	3763501.8	592.3	0.00	2.33	2.33	YES	HROFDY
L0000727	0	0.38240E-05	480115.2	3763505.9	592.3	0.00	2.33	2.33	YES	HROFDY
L0000728	0	0.38240E-05	480117.9	3763510.1	592.4	0.00	2.33	2.33	YES	HROFDY
L0000729	0	0.38240E-05	480120.7	3763514.3	592.5	0.00	2.33	2.33	YES	HROFDY
L0000730	0	0.38240E-05	480123.5	3763518.4	592.5	0.00	2.33	2.33	YES	HROFDY
L0000731	0	0.38240E-05	480126.2	3763522.6	592.6	0.00	2.33	2.33	YES	HROFDY
L0000732	0	0.38240E-05	480127.6	3763527.4	592.7	0.00	2.33	2.33	YES	HROFDY
L0000733	0	0.38240E-05	480128.8	3763532.3	592.7	0.00	2.33	2.33	YES	HROFDY
L0000734	0	0.38240E-05	480130.0	3763537.1	592.8	0.00	2.33	2.33	YES	HROFDY
L0000735	0	0.38240E-05	480131.2	3763542.0	592.8	0.00	2.33	2.33	YES	HROFDY
L0000736	0	0.38240E-05	480132.4	3763546.8	592.8	0.00	2.33	2.33	YES	HROFDY
L0000737	0	0.38240E-05	480133.6	3763551.7	592.9	0.00	2.33	2.33	YES	HROFDY
L0000738	0	0.38240E-05	480134.9	3763556.5	592.9	0.00	2.33	2.33	YES	HROFDY
L0000739	0	0.38240E-05	480136.1	3763561.4	593.0	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

L0000740	0	0.38240E-05	480137.3	3763566.2	593.0	0.00	2.33	2.33	YES	HROFDY
L0000741	0	0.38240E-05	480138.5	3763571.1	593.0	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 11

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000742	0	0.38240E-05	480139.7	3763575.9	593.1	0.00	2.33	2.33	YES	HROFDY
L0000743	0	0.38240E-05	480141.0	3763580.8	593.1	0.00	2.33	2.33	YES	HROFDY
L0000744	0	0.38240E-05	480142.2	3763585.6	593.2	0.00	2.33	2.33	YES	HROFDY
L0000745	0	0.38240E-05	480143.4	3763590.5	593.2	0.00	2.33	2.33	YES	HROFDY
L0000746	0	0.38240E-05	480144.6	3763595.3	593.3	0.00	2.33	2.33	YES	HROFDY
L0000747	0	0.38240E-05	480145.8	3763600.2	593.3	0.00	2.33	2.33	YES	HROFDY
L0000748	0	0.38240E-05	480147.0	3763605.0	593.3	0.00	2.33	2.33	YES	HROFDY
L0000749	0	0.38240E-05	480148.3	3763609.9	593.4	0.00	2.33	2.33	YES	HROFDY
L0000750	0	0.38240E-05	480149.5	3763614.7	593.4	0.00	2.33	2.33	YES	HROFDY
L0000751	0	0.38240E-05	480150.7	3763619.5	593.5	0.00	2.33	2.33	YES	HROFDY
L0000752	0	0.38240E-05	480151.9	3763624.4	593.5	0.00	2.33	2.33	YES	HROFDY
L0000753	0	0.38240E-05	480153.1	3763629.2	593.6	0.00	2.33	2.33	YES	HROFDY
L0000754	0	0.38240E-05	480154.4	3763634.1	593.6	0.00	2.33	2.33	YES	HROFDY
L0000755	0	0.38240E-05	480155.6	3763638.9	593.6	0.00	2.33	2.33	YES	HROFDY
L0000756	0	0.38240E-05	480156.8	3763643.8	593.7	0.00	2.33	2.33	YES	HROFDY
L0000757	0	0.38240E-05	480158.0	3763648.6	593.7	0.00	2.33	2.33	YES	HROFDY
L0000758	0	0.38240E-05	480159.2	3763653.5	593.8	0.00	2.33	2.33	YES	HROFDY
L0000759	0	0.38240E-05	480160.4	3763658.3	593.8	0.00	2.33	2.33	YES	HROFDY
L0000760	0	0.38240E-05	480161.7	3763663.2	593.9	0.00	2.33	2.33	YES	HROFDY
L0000761	0	0.38240E-05	480162.9	3763668.0	593.9	0.00	2.33	2.33	YES	HROFDY
L0000762	0	0.38240E-05	480164.1	3763672.9	593.9	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM10

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*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM10\STSL_PM10.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:14:38
*** MODELOPTs:   RegDFAULT CONC  ELEV  URBAN  ADJ_U*                                     ***      PAGE 12

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*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
EQUIPMENT	0	0.13659E-06	480099.9	3764044.9	507.7	1.52	12	5.00	YES	HROFDY

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM10\STSL_PM10.isc
 *** AERMET - VERSION 16216 *** ***

*** 04/15/18
 *** 22:14:38
 *** PAGE 13

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	EQUIPMENT	, L0000382	, L0000383	, L0000384	, L0000385	, L0000386	, L0000387	, L0000388	,
	L0000389	, L0000390	, L0000391	, L0000392	, L0000393	, L0000394	, L0000395	, L0000396	,
	L0000397	, L0000398	, L0000399	, L0000400	, L0000401	, L0000402	, L0000403	, L0000404	,
	L0000405	, L0000406	, L0000407	, L0000408	, L0000409	, L0000410	, L0000411	, L0000412	,
	L0000413	, L0000414	, L0000415	, L0000416	, L0000417	, L0000418	, L0000419	, L0000420	,
	L0000421	, L0000422	, L0000423	, L0000424	, L0000425	, L0000426	, L0000427	, L0000428	,
	L0000429	, L0000430	, L0000431	, L0000432	, L0000433	, L0000434	, L0000435	, L0000436	,
	L0000437	, L0000438	, L0000439	, L0000440	, L0000441	, L0000442	, L0000443	, L0000444	,
	L0000445	, L0000446	, L0000447	, L0000448	, L0000449	, L0000450	, L0000451	, L0000452	,
	L0000453	, L0000454	, L0000455	, L0000456	, L0000457	, L0000458	, L0000459	, L0000460	,
	L0000461	, L0000462	, L0000463	, L0000464	, L0000465	, L0000466	, L0000467	, L0000468	,
	L0000469	, L0000470	, L0000471	, L0000472	, L0000473	, L0000474	, L0000475	, L0000476	,
	L0000477	, L0000478	, L0000479	, L0000480	, L0000481	, L0000482	, L0000483	, L0000484	,
	L0000485	, L0000486	, L0000487	, L0000488	, L0000489	, L0000490	, L0000491	, L0000492	,
	L0000493	, L0000494	, L0000495	, L0000496	, L0000497	, L0000498	, L0000499	, L0000500	,
	L0000501	, L0000502	, L0000503	, L0000504	, L0000505	, L0000506	, L0000507	, L0000508	,
	L0000509	, L0000510	, L0000511	, L0000512	, L0000513	, L0000514	, L0000515	, L0000516	,
	L0000517	, L0000518	, L0000519	, L0000520	, L0000521	, L0000522	, L0000523	, L0000524	,
	L0000525	, L0000526	, L0000527	, L0000528	, L0000529	, L0000530	, L0000531	, L0000532	,
	L0000533	, L0000534	, L0000535	, L0000536	, L0000537	, L0000538	, L0000539	, L0000540	,

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM10\STSL_PM10.isc
 *** AERMET - VERSION 16216 *** ***
 *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 04/15/18
 *** 22:14:38
 PAGE 14

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs							
-----	-----							
L0000541	,	L0000542	,	L0000543	,	L0000544	,	L0000545
L0000549	,	L0000550	,	L0000551	,	L0000552	,	L0000553
L0000557	,	L0000558	,	L0000559	,	L0000560	,	L0000561
L0000565	,	L0000566	,	L0000567	,	L0000568	,	L0000569
L0000573	,	L0000574	,	L0000575	,	L0000576	,	L0000577
L0000581	,	L0000582	,	L0000583	,	L0000584	,	L0000585
L0000589	,	L0000590	,	L0000591	,	L0000592	,	L0000593
L0000597	,	L0000598	,	L0000599	,	L0000600	,	L0000601
L0000605	,	L0000606	,	L0000607	,	L0000608	,	L0000609
L0000613	,	L0000614	,	L0000615	,	L0000616	,	L0000617
L0000621	,	L0000622	,	L0000623	,	L0000624	,	L0000625
L0000629	,	L0000630	,	L0000631	,	L0000632	,	L0000633
L0000637	,	L0000638	,	L0000639	,	L0000640	,	L0000641
L0000645	,	L0000646	,	L0000647	,	L0000648	,	L0000649
L0000653	,	L0000654	,	L0000655	,	L0000656	,	L0000657
L0000661	,	L0000662	,	L0000663	,	L0000664	,	L0000665
L0000669	,	L0000670	,	L0000671	,	L0000672	,	L0000673
L0000677	,	L0000678	,	L0000679	,	L0000680	,	L0000681
L0000685	,	L0000686	,	L0000687	,	L0000688	,	L0000689
L0000693	,	L0000694	,	L0000695	,	L0000696	,	L0000697
	,		,		,		,	L0000698
								L0000699
								L0000700

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM10\STSL_PM10.isc
 *** AERMET - VERSION 16216 *** ***
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 04/15/18
 *** 22:14:38
 PAGE 15

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0000701	,	L0000702	,	L0000703	,	L0000704	,	L0000705	,	L0000706	,	L0000707	,	L0000708	,
L0000709	,	L0000710	,	L0000711	,	L0000712	,	L0000713	,	L0000714	,	L0000715	,	L0000716	,
L0000717	,	L0000718	,	L0000719	,	L0000720	,	L0000721	,	L0000722	,	L0000723	,	L0000724	,
L0000725	,	L0000726	,	L0000727	,	L0000728	,	L0000729	,	L0000730	,	L0000731	,	L0000732	,
L0000733	,	L0000734	,	L0000735	,	L0000736	,	L0000737	,	L0000738	,	L0000739	,	L0000740	,
L0000741	,	L0000742	,	L0000743	,	L0000744	,	L0000745	,	L0000746	,	L0000747	,	L0000748	,
L0000749	,	L0000750	,	L0000751	,	L0000752	,	L0000753	,	L0000754	,	L0000755	,	L0000756	,
L0000757	,	L0000758	,	L0000759	,	L0000760	,	L0000761	,	L0000762	,				

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM10\STSL_PM10.isc
 *** AERMET - VERSION 16216 *** ***
 *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 04/15/18
 *** 22:14:38
 *** PAGE 16

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000388	2035210.	EQUIPMENT , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 ,
		L0000389 , L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
		L0000397 , L0000398 , L0000399 , L0000400 , L0000401 , L0000402 , L0000403 , L0000404 ,
		L0000405 , L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 , L0000412 ,
		L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 ,
		L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 ,
		L0000429 , L0000430 , L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 ,
		L0000437 , L0000438 , L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 ,
		L0000445 , L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 ,
		L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 ,
		L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 ,
		L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 ,
		L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 ,
		L0000485 , L0000486 , L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 ,
		L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 ,
		L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 , L0000508 ,
		L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , L0000515 , L0000516 ,
		L0000517 , L0000518 , L0000519 , L0000520 , L0000521 , L0000522 , L0000523 , L0000524 ,
		L0000525 , L0000526 , L0000527 , L0000528 , L0000529 , L0000530 , L0000531 , L0000532 ,

Appendix C – AERMOD RUN – PM10

L0000533 , L0000534 , L0000535 , L0000536 , L0000537 , L0000538 , L0000539 , L0000540 ,

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM10\STSL_PM10.isc
 *** AERMET - VERSION 16216 *** ***

*** 04/15/18
 *** 22:14:38
 *** PAGE 17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000541	,	L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 ,
L0000549	,	L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 ,
L0000557	,	L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565	,	L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , L0000572 ,
L0000573	,	L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , L0000580 ,
L0000581	,	L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , L0000588 ,
L0000589	,	L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , L0000596 ,
L0000597	,	L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , L0000604 ,
L0000605	,	L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , L0000612 ,
L0000613	,	L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 , L0000620 ,
L0000621	,	L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 ,
L0000629	,	L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 ,
L0000637	,	L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 ,
L0000645	,	L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 , L0000652 ,
L0000653	,	L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 , L0000660 ,
L0000661	,	L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 , L0000668 ,
L0000669	,	L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 , L0000676 ,
L0000677	,	L0000678 , L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 ,
L0000685	,	L0000686 , L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 ,
L0000693	,	L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM10\STSL_PM10.isc
 *** AERMET - VERSION 16216 *** ***
 *** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** 04/15/18
 *** 22:14:38
 PAGE 18

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000701	, L0000702	, L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 ,
L0000709	, L0000710	, L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 ,
L0000717	, L0000718	, L0000719 , L0000720 , L0000721 , L0000722 , L0000723 , L0000724 ,
L0000725	, L0000726	, L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 ,
L0000733	, L0000734	, L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 ,
L0000741	, L0000742	, L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 ,
L0000749	, L0000750	, L0000751 , L0000752 , L0000753 , L0000754 , L0000755 , L0000756 ,
L0000757	, L0000758	, L0000759 , L0000760 , L0000761 , L0000762 ,

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 19

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = EQUIPMENT ; SOURCE TYPE = AREAPOLY :											
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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000382 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000383 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000384 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000385 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 20

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000386 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000387 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000388 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000389 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000390 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 21

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000391 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000392 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000393 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000394 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000395 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 22

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000396 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000397 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000398 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000399 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000400 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 23

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000401 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000402 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000403 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000404 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000405 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 24

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000406 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000407 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000408 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000409 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000410 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 25

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000411 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000412 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000413 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000414 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000415 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 26

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000416 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000417 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000418 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000419 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000420 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 27

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000421 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000422 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000423 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000424 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000425 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 28

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000426 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000427 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000428 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000429 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000430 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 29

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000431 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000432 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000433 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000434 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000435 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 30

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000436 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000437 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000438 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000439 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000440 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 31

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000441 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000442 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000443 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000444 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000445 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 32

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000446 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000447 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000448 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000449 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000450 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 33

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000451 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000452 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000453 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000454 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000455 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 34

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000456 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000457 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000458 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000459 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000460 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 35

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000461 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000462 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000463 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000464 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000465 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 36

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000466 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000467 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000468 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000469 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000470 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 37

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000471 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000472 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000473 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000474 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000475 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 38

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000476 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000477 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000478 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000479 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000480 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 39

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000481 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000482 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000483 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000484 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000485 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 40

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000486 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000487 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000488 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000489 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000490 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 41

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000491 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000492 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000493 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000494 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000495 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 42

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000496 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000497 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000498 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000499 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000500 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 43

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000501 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000502 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000503 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000504 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000505 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 44

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000506 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000507 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000508 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000509 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000510 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 45

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000511 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000512 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000513 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000514 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000515 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 46

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000516 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000517 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000518 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000519 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000520 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 47

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000521 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000522 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000523 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000524 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000525 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 48

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000526 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000527 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000528 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000529 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000530 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 49

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000531 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000532 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000533 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000534 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000535 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 50

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000536 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000537 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000538 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000539 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000540 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 51

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000541 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000542 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000543 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000544 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000545 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 52

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000546 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000547 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000548 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000549 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000550 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 53

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000551 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000552 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000553 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000554 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000555 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 54

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000556 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000557 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000558 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000559 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000560 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 55

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000561 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000562 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000563 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000564 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000565 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 56

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000566 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000567 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000568 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000569 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000570 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 57

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000571 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000572 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000573 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000574 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000575 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 58

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000576 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000577 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000578 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000579 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000580 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 59

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000581 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000582 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000583 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000584 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000585 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 60

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000586 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000587 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000588 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000589 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000590 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 61

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000591 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000592 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000593 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000594 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000595 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 62

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000596 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000597 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000598 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000599 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000600 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 63

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000601 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000602 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000603 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000604 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000605 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 64

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000606 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000607 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000608 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000609 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000610 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 65

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000611 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000612 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000613 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000614 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000615 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 66

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000616 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000617 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000618 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000619 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000620 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 67

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000621 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000622 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000623 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000624 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000625 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 68

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000626 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000627 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000628 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000629 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000630 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 69

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000631 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000632 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000633 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000634 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000635 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 70

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000636 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000637 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000638 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000639 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000640 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 71

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000641 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000642 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000643 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000644 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000645 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 72

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000646 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000647 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000648 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000649 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000650 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 73

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000651 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000652 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000653 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000654 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000655 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 74

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000656 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000657 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000658 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000659 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000660 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 75

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000661 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000662 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000663 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000664 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000665 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 76

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000666 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000667 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000668 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000669 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000670 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 77

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000671 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000672 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000673 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000674 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000675 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 78

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000676 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000677 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000678 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000679 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000680 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 79

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000681 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000682 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000683 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000684 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000685 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 80

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000686 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000687 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000688 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000689 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000690 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 81

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000691 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000692 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000693 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000694 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000695 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 82

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000696 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000697 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000698 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000699 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000700 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 83

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000701 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000702 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000703 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000704 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000705 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 84

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000706 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000707 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000708 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000709 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000710 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 85

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000711 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000712 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000713 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000714 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000715 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 86

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000716 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000717 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000718 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000719 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000720 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 87

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000721 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000722 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000723 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000724 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000725 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 88

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000726 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000727 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000728 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000729 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000730 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 89

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000731 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000732 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000733 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000734 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000735 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 90

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000736 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000737 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000738 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000739 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000740 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 91

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000741 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000742 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000743 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000744 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000745 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 92

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000746 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000747 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000748 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000749 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000750 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 93

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000751 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000752 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000753 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000754 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000755 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 94

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000756 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000757 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000758 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000759 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000760 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM10\STSL_PM10.isc

*** 04/15/18
 *** 22:14:38
 *** PAGE 95

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

SOURCE ID = L0000761 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000762 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM10

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*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM10\STSL_PM10.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:14:38
                                                                                                     ***      PAGE 96

*** MODELOPTS:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

( 479847.6, 3764439.4,      475.3,      717.1,      0.0);      ( 479540.7, 3764440.9,      489.8,      700.6,      0.0);
( 479496.3, 3764525.2,      499.0,      700.6,      0.0);      ( 479402.5, 3764370.1,      496.9,      700.6,      0.0);
( 479340.4, 3764327.5,      501.2,      700.6,      0.0);      ( 479308.4, 3764270.2,      518.9,      700.6,      0.0);
( 480092.7, 3764756.8,      457.7,      700.6,      0.0);      ( 480194.5, 3764744.4,      454.3,      700.6,      0.0);
( 479989.4, 3764770.0,      462.9,      700.6,      0.0);      ( 479173.2, 3763182.0,      598.3,      700.6,      0.0);
( 479160.1, 3763076.1,      583.1,      700.6,      0.0);      ( 479109.3, 3762924.6,      597.3,      700.6,      0.0);
( 479354.8, 3762965.2,      611.6,      700.6,      0.0);      ( 479300.6, 3762848.1,      601.9,      700.6,      0.0);
( 479262.9, 3762780.7,      593.7,      717.1,      0.0);      ( 479293.2, 3762744.9,      592.1,      717.1,      0.0);
( 479255.9, 3762759.4,      593.8,      717.1,      0.0);      ( 479389.5, 3762798.6,      605.8,      716.9,      0.0);
( 479383.7, 3762768.7,      600.9,      717.1,      0.0);

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*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM10\STSL_PM10.isc *** 04/15/18
*** AERMET - VERSION 16216 *** *** *** 22:14:38
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U* *** PAGE 97
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[illegible]

1.54, 3.09, 5.14, 8.23, 10.80,

[illegible]

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

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Upper air station no.:    3190
                        Name: UNKNOWN
                        Year:  2012
```

Met Version: 16216

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5			
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5			
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5			
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5			
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5			
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5			
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5			
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5			
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5			
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5			
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5			
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5			
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5			
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5			
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5			
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5			
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5			
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5			
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5			
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5			
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5			
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0											

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

158

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*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM10\STSL_PM10.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:14:38
***                                     ***      PAGE 99
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[illegible]

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL ***				
INCLUDING SOURCE(S):		EQUIPMENT	L0000382	L0000383	L0000384	L0000385
L0000386	, L0000387	, L0000388	, L0000389	, L0000390	, L0000391	, L0000392
L0000394	, L0000395	, L0000396	, L0000397	, L0000398	, L0000399	, L0000400
L0000402	, L0000403	, L0000404	, L0000405	, L0000406	, L0000407	, L0000408
						. . .

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479847.56	3764439.44	0.09482	(13120724)	479540.71	3764440.90	0.05716	(13120724)
479496.31	3764525.20	0.04957	(13120724)	479402.50	3764370.08	0.04096	(13120724)
479340.40	3764327.53	0.04033	(16010524)	479308.42	3764270.19	0.04049	(16010524)
480092.73	3764756.82	0.07218	(13120724)	480194.48	3764744.40	0.07424	(16122624)
479989.38	3764770.04	0.08377	(13120724)	479173.17	3763182.04	0.04462	(13012524)
479160.11	3763076.12	0.04986	(13012524)	479109.27	3762924.65	0.04992	(13012524)
479354.82	3762965.22	0.05827	(13012524)	479300.61	3762848.13	0.05005	(13012524)
479262.88	3762780.70	0.04546	(13012524)	479293.24	3762744.92	0.04193	(13012524)
479255.94	3762759.45	0.04396	(13012524)	479389.48	3762798.59	0.04400	(13012524)
479383.66	3762768.69	0.04125	(13012524)				

Appendix C – AERMOD RUN – PM10

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*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM10\STSL_PM10.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:14:38
***                                     ***                                     ***      PAGE 100

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*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

```

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS 0.09482	ON 13120724: AT (	479847.56, 3764439.44, 475.30, 717.13,	0.00)	DC

```

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

```

Appendix C – AERMOD RUN – PM10

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*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM10\STSL_PM10.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:14:38
                                                                                                     ***      PAGE 101

*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

*** 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          388 Informational Message(s)

A Total of          43848 Hours Were Processed

A Total of           191 Calm Hours Identified

A Total of           197 Missing Hours Identified (  0.45 Percent)

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

***** WARNING MESSAGES *****
ME W186   2419      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used      0.50
ME W187   2419      MEOPEN: ADJ_U* Option for Low Winds used in AERMET

*****
*** AERMOD Finishes Successfully ***
*****
```


Appendix C – AERMOD RUN – PM2.5

```
** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.5.0
** Lakes Environmental Software Inc.
** Date: 4/15/2018
** File: C:\AERMOD\STSL_PM25\STSL_PM25.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD\STSL_PM25\STSL_PM25.isc
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID PM
  RUNORNOT RUN
  ERRORFIL STSL_PM25.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION EQUIPMENT AREAPOLY 480099.949 3764044.905 507.690
** DESCRSRC On-site Equipment
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PAVED
** DESCRSRC Paved Road
** PREFIX
** Length of Side = 5.00
** Configuration = Adjacent
** Emission Rate = 0.0005191
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 14
** 480449.145, 3764056.747, 478.02, 0.00, 2.33
** 480354.433, 3764104.779, 479.91, 0.00, 2.33
```

Appendix C – AERMOD RUN – PM2.5

```

** 480257.015, 3764161.607, 489.95, 0.00, 2.33
** 480125.094, 3764160.254, 500.99, 0.00, 2.33
** 480088.563, 3764126.428, 505.93, 0.00, 2.33
** 480090.592, 3764081.778, 508.90, 0.00, 2.33
** 480118.329, 3764056.747, 511.17, 0.00, 2.33
** 480187.334, 3764064.865, 515.66, 0.00, 2.33
** 480233.337, 3764052.011, 518.73, 0.00, 2.33
** 480326.696, 3763905.208, 529.12, 0.00, 2.33
** 480365.934, 3763775.317, 537.02, 0.00, 2.33
** 480450.498, 3763659.633, 544.59, 0.00, 2.33
** 480459.293, 3763588.599, 549.78, 0.00, 2.33
** 480405.171, 3763516.212, 558.36, 0.00, 2.33
** -----
LOCATION L0000763    VOLUME  480446.915 3764057.878 477.93
LOCATION L0000764    VOLUME  480442.456 3764060.139 477.96
LOCATION L0000765    VOLUME  480437.997 3764062.401 477.94
LOCATION L0000766    VOLUME  480433.537 3764064.662 477.94
LOCATION L0000767    VOLUME  480429.078 3764066.924 477.94
LOCATION L0000768    VOLUME  480424.619 3764069.185 477.90
LOCATION L0000769    VOLUME  480420.159 3764071.447 477.84
LOCATION L0000770    VOLUME  480415.700 3764073.708 477.77
LOCATION L0000771    VOLUME  480411.241 3764075.970 477.69
LOCATION L0000772    VOLUME  480406.781 3764078.231 477.64
LOCATION L0000773    VOLUME  480402.322 3764080.493 477.61
LOCATION L0000774    VOLUME  480397.863 3764082.754 477.66
LOCATION L0000775    VOLUME  480393.403 3764085.016 477.74
LOCATION L0000776    VOLUME  480388.944 3764087.277 477.83
LOCATION L0000777    VOLUME  480384.485 3764089.539 477.95
LOCATION L0000778    VOLUME  480380.025 3764091.800 478.23
LOCATION L0000779    VOLUME  480375.566 3764094.062 478.67
LOCATION L0000780    VOLUME  480371.107 3764096.323 478.85
LOCATION L0000781    VOLUME  480366.647 3764098.585 478.89
LOCATION L0000782    VOLUME  480362.188 3764100.846 479.28
LOCATION L0000783    VOLUME  480357.729 3764103.108 480.00
LOCATION L0000784    VOLUME  480353.306 3764105.437 480.41
LOCATION L0000785    VOLUME  480348.987 3764107.956 480.54
LOCATION L0000786    VOLUME  480344.668 3764110.475 480.98
LOCATION L0000787    VOLUME  480340.349 3764112.995 481.65
LOCATION L0000788    VOLUME  480336.030 3764115.514 482.10
LOCATION L0000789    VOLUME  480331.712 3764118.033 482.38
LOCATION L0000790    VOLUME  480327.393 3764120.553 482.91
LOCATION L0000791    VOLUME  480323.074 3764123.072 483.24
LOCATION L0000792    VOLUME  480318.755 3764125.591 483.62
LOCATION L0000793    VOLUME  480314.436 3764128.111 484.24
LOCATION L0000794    VOLUME  480310.117 3764130.630 484.82
LOCATION L0000795    VOLUME  480305.798 3764133.150 485.18
LOCATION L0000796    VOLUME  480301.479 3764135.669 486.11
LOCATION L0000797    VOLUME  480297.160 3764138.188 486.67
LOCATION L0000798    VOLUME  480292.842 3764140.708 486.77
LOCATION L0000799    VOLUME  480288.523 3764143.227 486.86
LOCATION L0000800    VOLUME  480284.204 3764145.746 487.72

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Appendix C – AERMOD RUN – PM2.5

LOCATION	L0000801	VOLUME	480279.885	3764148.266	488.25
LOCATION	L0000802	VOLUME	480275.566	3764150.785	488.47
LOCATION	L0000803	VOLUME	480271.247	3764153.304	488.42
LOCATION	L0000804	VOLUME	480266.928	3764155.824	488.78
LOCATION	L0000805	VOLUME	480262.609	3764158.343	489.29
LOCATION	L0000806	VOLUME	480258.290	3764160.862	489.78
LOCATION	L0000807	VOLUME	480253.492	3764161.570	490.23
LOCATION	L0000808	VOLUME	480248.492	3764161.519	490.72
LOCATION	L0000809	VOLUME	480243.492	3764161.468	491.21
LOCATION	L0000810	VOLUME	480238.493	3764161.417	491.70
LOCATION	L0000811	VOLUME	480233.493	3764161.365	492.15
LOCATION	L0000812	VOLUME	480228.493	3764161.314	492.58
LOCATION	L0000813	VOLUME	480223.493	3764161.263	492.99
LOCATION	L0000814	VOLUME	480218.494	3764161.212	493.46
LOCATION	L0000815	VOLUME	480213.494	3764161.160	493.97
LOCATION	L0000816	VOLUME	480208.494	3764161.109	494.43
LOCATION	L0000817	VOLUME	480203.494	3764161.058	494.88
LOCATION	L0000818	VOLUME	480198.495	3764161.006	495.30
LOCATION	L0000819	VOLUME	480193.495	3764160.955	495.75
LOCATION	L0000820	VOLUME	480188.495	3764160.904	496.20
LOCATION	L0000821	VOLUME	480183.495	3764160.853	496.63
LOCATION	L0000822	VOLUME	480178.496	3764160.801	497.06
LOCATION	L0000823	VOLUME	480173.496	3764160.750	497.52
LOCATION	L0000824	VOLUME	480168.496	3764160.699	497.98
LOCATION	L0000825	VOLUME	480163.496	3764160.647	498.42
LOCATION	L0000826	VOLUME	480158.497	3764160.596	498.84
LOCATION	L0000827	VOLUME	480153.497	3764160.545	499.25
LOCATION	L0000828	VOLUME	480148.497	3764160.494	499.57
LOCATION	L0000829	VOLUME	480143.498	3764160.442	499.88
LOCATION	L0000830	VOLUME	480138.498	3764160.391	500.20
LOCATION	L0000831	VOLUME	480133.498	3764160.340	500.58
LOCATION	L0000832	VOLUME	480128.498	3764160.288	501.01
LOCATION	L0000833	VOLUME	480123.923	3764159.169	501.38
LOCATION	L0000834	VOLUME	480120.255	3764155.772	501.71
LOCATION	L0000835	VOLUME	480116.586	3764152.375	502.19
LOCATION	L0000836	VOLUME	480112.917	3764148.978	502.75
LOCATION	L0000837	VOLUME	480109.248	3764145.581	503.10
LOCATION	L0000838	VOLUME	480105.579	3764142.184	503.60
LOCATION	L0000839	VOLUME	480101.911	3764138.787	504.03
LOCATION	L0000840	VOLUME	480098.242	3764135.390	504.48
LOCATION	L0000841	VOLUME	480094.573	3764131.993	504.96
LOCATION	L0000842	VOLUME	480090.904	3764128.596	505.35
LOCATION	L0000843	VOLUME	480088.645	3764124.621	505.72
LOCATION	L0000844	VOLUME	480088.872	3764119.626	506.07
LOCATION	L0000845	VOLUME	480089.099	3764114.631	506.45
LOCATION	L0000846	VOLUME	480089.326	3764109.636	506.82
LOCATION	L0000847	VOLUME	480089.553	3764104.641	507.19
LOCATION	L0000848	VOLUME	480089.780	3764099.647	507.56
LOCATION	L0000849	VOLUME	480090.007	3764094.652	507.93
LOCATION	L0000850	VOLUME	480090.234	3764089.657	508.28
LOCATION	L0000851	VOLUME	480090.461	3764084.662	508.61

Appendix C – AERMOD RUN – PM2.5

LOCATION	L0000852	VOLUME	480092.161	3764080.362	508.92
LOCATION	L0000853	VOLUME	480095.873	3764077.013	509.20
LOCATION	L0000854	VOLUME	480099.585	3764073.663	509.53
LOCATION	L0000855	VOLUME	480103.297	3764070.313	509.88
LOCATION	L0000856	VOLUME	480107.009	3764066.963	510.17
LOCATION	L0000857	VOLUME	480110.721	3764063.613	510.51
LOCATION	L0000858	VOLUME	480114.433	3764060.263	510.88
LOCATION	L0000859	VOLUME	480118.144	3764056.914	511.16
LOCATION	L0000860	VOLUME	480123.048	3764057.302	511.41
LOCATION	L0000861	VOLUME	480128.014	3764057.886	511.69
LOCATION	L0000862	VOLUME	480132.979	3764058.470	512.01
LOCATION	L0000863	VOLUME	480137.945	3764059.055	512.35
LOCATION	L0000864	VOLUME	480142.911	3764059.639	512.72
LOCATION	L0000865	VOLUME	480147.877	3764060.223	513.07
LOCATION	L0000866	VOLUME	480152.842	3764060.807	513.41
LOCATION	L0000867	VOLUME	480157.808	3764061.391	513.73
LOCATION	L0000868	VOLUME	480162.774	3764061.976	514.11
LOCATION	L0000869	VOLUME	480167.740	3764062.560	514.60
LOCATION	L0000870	VOLUME	480172.705	3764063.144	515.03
LOCATION	L0000871	VOLUME	480177.671	3764063.728	515.29
LOCATION	L0000872	VOLUME	480182.637	3764064.312	515.48
LOCATION	L0000873	VOLUME	480187.594	3764064.792	515.64
LOCATION	L0000874	VOLUME	480192.410	3764063.447	515.98
LOCATION	L0000875	VOLUME	480197.226	3764062.101	516.32
LOCATION	L0000876	VOLUME	480202.041	3764060.756	516.59
LOCATION	L0000877	VOLUME	480206.857	3764059.410	516.95
LOCATION	L0000878	VOLUME	480211.672	3764058.065	517.30
LOCATION	L0000879	VOLUME	480216.488	3764056.719	517.58
LOCATION	L0000880	VOLUME	480221.303	3764055.374	517.83
LOCATION	L0000881	VOLUME	480226.119	3764054.028	518.19
LOCATION	L0000882	VOLUME	480230.934	3764052.682	518.54
LOCATION	L0000883	VOLUME	480234.681	3764049.897	518.74
LOCATION	L0000884	VOLUME	480237.364	3764045.678	519.07
LOCATION	L0000885	VOLUME	480240.048	3764041.459	519.38
LOCATION	L0000886	VOLUME	480242.731	3764037.240	519.69
LOCATION	L0000887	VOLUME	480245.414	3764033.020	520.05
LOCATION	L0000888	VOLUME	480248.097	3764028.801	520.53
LOCATION	L0000889	VOLUME	480250.780	3764024.582	521.12
LOCATION	L0000890	VOLUME	480253.463	3764020.363	521.41
LOCATION	L0000891	VOLUME	480256.146	3764016.144	521.86
LOCATION	L0000892	VOLUME	480258.829	3764011.925	522.39
LOCATION	L0000893	VOLUME	480261.513	3764007.706	522.78
LOCATION	L0000894	VOLUME	480264.196	3764003.487	523.25
LOCATION	L0000895	VOLUME	480266.879	3763999.268	523.73
LOCATION	L0000896	VOLUME	480269.562	3763995.048	524.22
LOCATION	L0000897	VOLUME	480272.245	3763990.829	524.17
LOCATION	L0000898	VOLUME	480274.928	3763986.610	524.57
LOCATION	L0000899	VOLUME	480277.611	3763982.391	524.96
LOCATION	L0000900	VOLUME	480280.294	3763978.172	524.70
LOCATION	L0000901	VOLUME	480282.978	3763973.953	525.17
LOCATION	L0000902	VOLUME	480285.661	3763969.734	525.62

Appendix C – AERMOD RUN – PM2.5

LOCATION	L0000903	VOLUME	480288.344	3763965.515	525.76
LOCATION	L0000904	VOLUME	480291.027	3763961.296	525.90
LOCATION	L0000905	VOLUME	480293.710	3763957.077	526.20
LOCATION	L0000906	VOLUME	480296.393	3763952.857	526.33
LOCATION	L0000907	VOLUME	480299.076	3763948.638	526.27
LOCATION	L0000908	VOLUME	480301.759	3763944.419	526.80
LOCATION	L0000909	VOLUME	480304.442	3763940.200	527.12
LOCATION	L0000910	VOLUME	480307.126	3763935.981	527.12
LOCATION	L0000911	VOLUME	480309.809	3763931.762	527.55
LOCATION	L0000912	VOLUME	480312.492	3763927.543	527.82
LOCATION	L0000913	VOLUME	480315.175	3763923.324	527.91
LOCATION	L0000914	VOLUME	480317.858	3763919.105	528.20
LOCATION	L0000915	VOLUME	480320.541	3763914.885	528.42
LOCATION	L0000916	VOLUME	480323.224	3763910.666	528.73
LOCATION	L0000917	VOLUME	480325.907	3763906.447	529.11
LOCATION	L0000918	VOLUME	480327.717	3763901.827	529.36
LOCATION	L0000919	VOLUME	480329.163	3763897.041	529.52
LOCATION	L0000920	VOLUME	480330.609	3763892.255	529.80
LOCATION	L0000921	VOLUME	480332.054	3763887.468	530.10
LOCATION	L0000922	VOLUME	480333.500	3763882.682	530.39
LOCATION	L0000923	VOLUME	480334.946	3763877.896	530.78
LOCATION	L0000924	VOLUME	480336.392	3763873.109	531.13
LOCATION	L0000925	VOLUME	480337.838	3763868.323	531.25
LOCATION	L0000926	VOLUME	480339.284	3763863.536	531.39
LOCATION	L0000927	VOLUME	480340.730	3763858.750	531.72
LOCATION	L0000928	VOLUME	480342.176	3763853.964	532.27
LOCATION	L0000929	VOLUME	480343.622	3763849.177	532.63
LOCATION	L0000930	VOLUME	480345.067	3763844.391	532.77
LOCATION	L0000931	VOLUME	480346.513	3763839.605	532.96
LOCATION	L0000932	VOLUME	480347.959	3763834.818	533.03
LOCATION	L0000933	VOLUME	480349.405	3763830.032	533.33
LOCATION	L0000934	VOLUME	480350.851	3763825.245	534.08
LOCATION	L0000935	VOLUME	480352.297	3763820.459	534.62
LOCATION	L0000936	VOLUME	480353.743	3763815.673	534.93
LOCATION	L0000937	VOLUME	480355.189	3763810.886	535.06
LOCATION	L0000938	VOLUME	480356.635	3763806.100	535.03
LOCATION	L0000939	VOLUME	480358.080	3763801.314	535.10
LOCATION	L0000940	VOLUME	480359.526	3763796.527	535.67
LOCATION	L0000941	VOLUME	480360.972	3763791.741	536.05
LOCATION	L0000942	VOLUME	480362.418	3763786.954	536.32
LOCATION	L0000943	VOLUME	480363.864	3763782.168	536.46
LOCATION	L0000944	VOLUME	480365.310	3763777.382	536.73
LOCATION	L0000945	VOLUME	480367.611	3763773.022	536.79
LOCATION	L0000946	VOLUME	480370.562	3763768.985	537.38
LOCATION	L0000947	VOLUME	480373.513	3763764.949	537.59
LOCATION	L0000948	VOLUME	480376.463	3763760.912	537.90
LOCATION	L0000949	VOLUME	480379.414	3763756.876	538.41
LOCATION	L0000950	VOLUME	480382.365	3763752.839	538.46
LOCATION	L0000951	VOLUME	480385.315	3763748.803	538.96
LOCATION	L0000952	VOLUME	480388.266	3763744.766	539.34
LOCATION	L0000953	VOLUME	480391.217	3763740.729	539.41

Appendix C – AERMOD RUN – PM2.5

LOCATION	L0000954	VOLUME	480394.167	3763736.693	539.94
LOCATION	L0000955	VOLUME	480397.118	3763732.656	540.19
LOCATION	L0000956	VOLUME	480400.069	3763728.620	540.12
LOCATION	L0000957	VOLUME	480403.019	3763724.583	540.33
LOCATION	L0000958	VOLUME	480405.970	3763720.547	540.70
LOCATION	L0000959	VOLUME	480408.921	3763716.510	541.01
LOCATION	L0000960	VOLUME	480411.871	3763712.474	541.26
LOCATION	L0000961	VOLUME	480414.822	3763708.437	541.64
LOCATION	L0000962	VOLUME	480417.773	3763704.401	541.77
LOCATION	L0000963	VOLUME	480420.723	3763700.364	542.08
LOCATION	L0000964	VOLUME	480423.674	3763696.328	542.42
LOCATION	L0000965	VOLUME	480426.625	3763692.291	542.48
LOCATION	L0000966	VOLUME	480429.575	3763688.255	542.98
LOCATION	L0000967	VOLUME	480432.526	3763684.218	543.28
LOCATION	L0000968	VOLUME	480435.477	3763680.182	543.28
LOCATION	L0000969	VOLUME	480438.428	3763676.145	543.80
LOCATION	L0000970	VOLUME	480441.378	3763672.109	544.04
LOCATION	L0000971	VOLUME	480444.329	3763668.072	544.09
LOCATION	L0000972	VOLUME	480447.280	3763664.036	544.29
LOCATION	L0000973	VOLUME	480450.230	3763659.999	544.61
LOCATION	L0000974	VOLUME	480451.057	3763655.121	544.95
LOCATION	L0000975	VOLUME	480451.671	3763650.159	545.21
LOCATION	L0000976	VOLUME	480452.285	3763645.197	545.45
LOCATION	L0000977	VOLUME	480452.900	3763640.235	545.72
LOCATION	L0000978	VOLUME	480453.514	3763635.272	546.02
LOCATION	L0000979	VOLUME	480454.128	3763630.310	546.34
LOCATION	L0000980	VOLUME	480454.743	3763625.348	546.67
LOCATION	L0000981	VOLUME	480455.357	3763620.386	547.01
LOCATION	L0000982	VOLUME	480455.971	3763615.424	547.35
LOCATION	L0000983	VOLUME	480456.586	3763610.462	547.68
LOCATION	L0000984	VOLUME	480457.200	3763605.500	548.03
LOCATION	L0000985	VOLUME	480457.814	3763600.538	548.38
LOCATION	L0000986	VOLUME	480458.429	3763595.576	548.80
LOCATION	L0000987	VOLUME	480459.043	3763590.613	549.32
LOCATION	L0000988	VOLUME	480457.514	3763586.220	549.83
LOCATION	L0000989	VOLUME	480454.520	3763582.216	550.26
LOCATION	L0000990	VOLUME	480451.526	3763578.211	550.56
LOCATION	L0000991	VOLUME	480448.532	3763574.207	551.16
LOCATION	L0000992	VOLUME	480445.538	3763570.202	551.67
LOCATION	L0000993	VOLUME	480442.544	3763566.198	552.14
LOCATION	L0000994	VOLUME	480439.550	3763562.193	552.74
LOCATION	L0000995	VOLUME	480436.556	3763558.189	553.22
LOCATION	L0000996	VOLUME	480433.562	3763554.184	553.77
LOCATION	L0000997	VOLUME	480430.568	3763550.180	554.42
LOCATION	L0000998	VOLUME	480427.574	3763546.175	554.93
LOCATION	L0000999	VOLUME	480424.580	3763542.171	555.41
LOCATION	L0001000	VOLUME	480421.586	3763538.166	555.84
LOCATION	L0001001	VOLUME	480418.592	3763534.162	556.35
LOCATION	L0001002	VOLUME	480415.598	3763530.157	556.76
LOCATION	L0001003	VOLUME	480412.604	3763526.153	557.19
LOCATION	L0001004	VOLUME	480409.610	3763522.148	557.74

Appendix C – AERMOD RUN – PM2.5

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LOCATION L0001005      VOLUME  480406.616 3763518.144 558.08
** End of LINE VOLUME Source ID = PAVED
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = UNPAVED
** DESCRSRC Unpaved Road
** PREFIX
** Length of Side = 5.00
** Configuration = Adjacent
** Emission Rate = 0.0002431
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 11
** 480399.083, 3763515.535, 559.05, 0.00, 2.33
** 480322.637, 3763467.503, 568.35, 0.00, 2.33
** 480246.867, 3763487.122, 573.82, 0.00, 2.33
** 480190.716, 3763490.504, 579.15, 0.00, 2.33
** 480118.329, 3763449.237, 585.30, 0.00, 2.33
** 480072.326, 3763405.940, 589.43, 0.00, 2.33
** 480052.707, 3763413.382, 591.43, 0.00, 2.33
** 480047.295, 3763432.324, 591.68, 0.00, 2.33
** 480102.769, 3763487.122, 592.01, 0.00, 2.33
** 480126.447, 3763522.977, 592.63, 0.00, 2.33
** 480164.332, 3763673.840, 593.96, 0.00, 2.33
** -----
LOCATION L0001006      VOLUME  480396.966 3763514.205 559.31
LOCATION L0001007      VOLUME  480392.732 3763511.545 559.82
LOCATION L0001008      VOLUME  480388.499 3763508.885 560.34
LOCATION L0001009      VOLUME  480384.265 3763506.225 560.85
LOCATION L0001010      VOLUME  480380.031 3763503.565 561.37
LOCATION L0001011      VOLUME  480375.798 3763500.905 561.88
LOCATION L0001012      VOLUME  480371.564 3763498.245 562.40
LOCATION L0001013      VOLUME  480367.330 3763495.585 562.91
LOCATION L0001014      VOLUME  480363.097 3763492.924 563.43
LOCATION L0001015      VOLUME  480358.863 3763490.264 563.94
LOCATION L0001016      VOLUME  480354.629 3763487.604 564.46
LOCATION L0001017      VOLUME  480350.396 3763484.944 564.97
LOCATION L0001018      VOLUME  480346.162 3763482.284 565.49
LOCATION L0001019      VOLUME  480341.928 3763479.624 566.00
LOCATION L0001020      VOLUME  480337.695 3763476.964 566.52
LOCATION L0001021      VOLUME  480333.461 3763474.304 567.03
LOCATION L0001022      VOLUME  480329.227 3763471.644 567.55
LOCATION L0001023      VOLUME  480324.994 3763468.984 568.06
LOCATION L0001024      VOLUME  480320.491 3763468.058 568.50
LOCATION L0001025      VOLUME  480315.651 3763469.312 568.85
LOCATION L0001026      VOLUME  480310.810 3763470.565 569.20
LOCATION L0001027      VOLUME  480305.970 3763471.818 569.55
LOCATION L0001028      VOLUME  480301.130 3763473.072 569.90
LOCATION L0001029      VOLUME  480296.289 3763474.325 570.25
LOCATION L0001030      VOLUME  480291.449 3763475.578 570.60
LOCATION L0001031      VOLUME  480286.608 3763476.831 570.95

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Appendix C – AERMOD RUN – PM2.5

LOCATION	L0001032	VOLUME	480281.768	3763478.085	571.30
LOCATION	L0001033	VOLUME	480276.928	3763479.338	571.65
LOCATION	L0001034	VOLUME	480272.087	3763480.591	572.00
LOCATION	L0001035	VOLUME	480267.247	3763481.845	572.35
LOCATION	L0001036	VOLUME	480262.407	3763483.098	572.70
LOCATION	L0001037	VOLUME	480257.566	3763484.351	573.05
LOCATION	L0001038	VOLUME	480252.726	3763485.605	573.40
LOCATION	L0001039	VOLUME	480247.885	3763486.858	573.75
LOCATION	L0001040	VOLUME	480242.926	3763487.359	574.19
LOCATION	L0001041	VOLUME	480237.935	3763487.660	574.67
LOCATION	L0001042	VOLUME	480232.944	3763487.960	575.14
LOCATION	L0001043	VOLUME	480227.953	3763488.261	575.62
LOCATION	L0001044	VOLUME	480222.962	3763488.562	576.09
LOCATION	L0001045	VOLUME	480217.971	3763488.862	576.56
LOCATION	L0001046	VOLUME	480212.980	3763489.163	577.04
LOCATION	L0001047	VOLUME	480207.990	3763489.464	577.51
LOCATION	L0001048	VOLUME	480202.999	3763489.764	577.98
LOCATION	L0001049	VOLUME	480198.008	3763490.065	578.46
LOCATION	L0001050	VOLUME	480193.017	3763490.366	578.93
LOCATION	L0001051	VOLUME	480188.375	3763489.169	579.35
LOCATION	L0001052	VOLUME	480184.031	3763486.693	579.72
LOCATION	L0001053	VOLUME	480179.687	3763484.217	580.09
LOCATION	L0001054	VOLUME	480175.343	3763481.740	580.46
LOCATION	L0001055	VOLUME	480171.000	3763479.264	580.83
LOCATION	L0001056	VOLUME	480166.656	3763476.788	581.19
LOCATION	L0001057	VOLUME	480162.312	3763474.311	581.56
LOCATION	L0001058	VOLUME	480157.969	3763471.835	581.93
LOCATION	L0001059	VOLUME	480153.625	3763469.359	582.30
LOCATION	L0001060	VOLUME	480149.281	3763466.882	582.67
LOCATION	L0001061	VOLUME	480144.938	3763464.406	583.04
LOCATION	L0001062	VOLUME	480140.594	3763461.930	583.41
LOCATION	L0001063	VOLUME	480136.250	3763459.453	583.78
LOCATION	L0001064	VOLUME	480131.906	3763456.977	584.15
LOCATION	L0001065	VOLUME	480127.563	3763454.501	584.52
LOCATION	L0001066	VOLUME	480123.219	3763452.024	584.88
LOCATION	L0001067	VOLUME	480118.875	3763449.548	585.25
LOCATION	L0001068	VOLUME	480115.146	3763446.241	585.59
LOCATION	L0001069	VOLUME	480111.505	3763442.814	585.91
LOCATION	L0001070	VOLUME	480107.864	3763439.387	586.24
LOCATION	L0001071	VOLUME	480104.223	3763435.960	586.57
LOCATION	L0001072	VOLUME	480100.582	3763432.533	586.89
LOCATION	L0001073	VOLUME	480096.941	3763429.107	587.22
LOCATION	L0001074	VOLUME	480093.300	3763425.680	587.55
LOCATION	L0001075	VOLUME	480089.659	3763422.253	587.87
LOCATION	L0001076	VOLUME	480086.018	3763418.826	588.20
LOCATION	L0001077	VOLUME	480082.377	3763415.399	588.53
LOCATION	L0001078	VOLUME	480078.736	3763411.973	588.85
LOCATION	L0001079	VOLUME	480075.095	3763408.546	589.18
LOCATION	L0001080	VOLUME	480071.206	3763406.365	589.54
LOCATION	L0001081	VOLUME	480066.531	3763408.138	590.02
LOCATION	L0001082	VOLUME	480061.856	3763409.911	590.50

Appendix C – AERMOD RUN – PM2.5

LOCATION	L0001083	VOLUME	480057.181	3763411.685	590.97
LOCATION	L0001084	VOLUME	480052.648	3763413.588	591.43
LOCATION	L0001085	VOLUME	480051.275	3763418.396	591.50
LOCATION	L0001086	VOLUME	480049.901	3763423.204	591.56
LOCATION	L0001087	VOLUME	480048.527	3763428.011	591.62
LOCATION	L0001088	VOLUME	480047.661	3763432.686	591.68
LOCATION	L0001089	VOLUME	480051.219	3763436.199	591.70
LOCATION	L0001090	VOLUME	480054.776	3763439.713	591.72
LOCATION	L0001091	VOLUME	480058.333	3763443.227	591.75
LOCATION	L0001092	VOLUME	480061.890	3763446.741	591.77
LOCATION	L0001093	VOLUME	480065.447	3763450.255	591.79
LOCATION	L0001094	VOLUME	480069.004	3763453.768	591.81
LOCATION	L0001095	VOLUME	480072.562	3763457.282	591.83
LOCATION	L0001096	VOLUME	480076.119	3763460.796	591.85
LOCATION	L0001097	VOLUME	480079.676	3763464.310	591.87
LOCATION	L0001098	VOLUME	480083.233	3763467.823	591.89
LOCATION	L0001099	VOLUME	480086.790	3763471.337	591.91
LOCATION	L0001100	VOLUME	480090.347	3763474.851	591.94
LOCATION	L0001101	VOLUME	480093.904	3763478.365	591.96
LOCATION	L0001102	VOLUME	480097.462	3763481.879	591.98
LOCATION	L0001103	VOLUME	480101.019	3763485.392	592.00
LOCATION	L0001104	VOLUME	480104.169	3763489.241	592.05
LOCATION	L0001105	VOLUME	480106.924	3763493.413	592.12
LOCATION	L0001106	VOLUME	480109.679	3763497.585	592.19
LOCATION	L0001107	VOLUME	480112.435	3763501.758	592.26
LOCATION	L0001108	VOLUME	480115.190	3763505.930	592.34
LOCATION	L0001109	VOLUME	480117.945	3763510.102	592.41
LOCATION	L0001110	VOLUME	480120.701	3763514.275	592.48
LOCATION	L0001111	VOLUME	480123.456	3763518.447	592.55
LOCATION	L0001112	VOLUME	480126.211	3763522.619	592.62
LOCATION	L0001113	VOLUME	480127.561	3763527.411	592.67
LOCATION	L0001114	VOLUME	480128.779	3763532.260	592.71
LOCATION	L0001115	VOLUME	480129.996	3763537.109	592.75
LOCATION	L0001116	VOLUME	480131.214	3763541.959	592.80
LOCATION	L0001117	VOLUME	480132.432	3763546.808	592.84
LOCATION	L0001118	VOLUME	480133.650	3763551.658	592.88
LOCATION	L0001119	VOLUME	480134.868	3763556.507	592.93
LOCATION	L0001120	VOLUME	480136.085	3763561.357	592.97
LOCATION	L0001121	VOLUME	480137.303	3763566.206	593.01
LOCATION	L0001122	VOLUME	480138.521	3763571.055	593.05
LOCATION	L0001123	VOLUME	480139.739	3763575.905	593.10
LOCATION	L0001124	VOLUME	480140.957	3763580.754	593.14
LOCATION	L0001125	VOLUME	480142.174	3763585.604	593.18
LOCATION	L0001126	VOLUME	480143.392	3763590.453	593.22
LOCATION	L0001127	VOLUME	480144.610	3763595.303	593.27
LOCATION	L0001128	VOLUME	480145.828	3763600.152	593.31
LOCATION	L0001129	VOLUME	480147.046	3763605.001	593.35
LOCATION	L0001130	VOLUME	480148.263	3763609.851	593.40
LOCATION	L0001131	VOLUME	480149.481	3763614.700	593.44
LOCATION	L0001132	VOLUME	480150.699	3763619.550	593.48
LOCATION	L0001133	VOLUME	480151.917	3763624.399	593.52

Appendix C – AERMOD RUN – PM2.5

LOCATION	L0001134	VOLUME	480153.134	3763629.249	593.57
LOCATION	L0001135	VOLUME	480154.352	3763634.098	593.61
LOCATION	L0001136	VOLUME	480155.570	3763638.947	593.65
LOCATION	L0001137	VOLUME	480156.788	3763643.797	593.70
LOCATION	L0001138	VOLUME	480158.006	3763648.646	593.74
LOCATION	L0001139	VOLUME	480159.223	3763653.496	593.78
LOCATION	L0001140	VOLUME	480160.441	3763658.345	593.82
LOCATION	L0001141	VOLUME	480161.659	3763663.195	593.87
LOCATION	L0001142	VOLUME	480162.877	3763668.044	593.91
LOCATION	L0001143	VOLUME	480164.095	3763672.893	593.95
** End of LINE VOLUME Source ID = UNPAVED					
** Source Parameters **					
SRCPARAM	EQUIPMENT	2.8857E-08	1.524	12	5.000
AREAVERT	EQUIPMENT	480099.949	3764044.905	479927.544	3763799.910
AREAVERT	EQUIPMENT	479942.667	3763600.283	479612.982	3763582.136
AREAVERT	EQUIPMENT	479546.440	3763524.667	479780.458	3763095.952
AREAVERT	EQUIPMENT	480011.546	3763159.246	480198.584	3763204.502
AREAVERT	EQUIPMENT	480458.498	3763342.425	480481.053	3763603.308
AREAVERT	EQUIPMENT	480281.427	3764041.881	480160.441	3764087.250
** LINE VOLUME Source ID = PAVED					
SRCPARAM	L0000763	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000764	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000765	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000766	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000767	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000768	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000769	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000770	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000771	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000772	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000773	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000774	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000775	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000776	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000777	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000778	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000779	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000780	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000781	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000782	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000783	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000784	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000785	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000786	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000787	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000788	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000789	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000790	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000791	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000792	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000793	0.000002136	0.00	2.33	2.33

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM2.5

SRCPARAM	L0000998	0.000002136	0.00	2.33	2.33
SRCPARAM	L0000999	0.000002136	0.00	2.33	2.33
SRCPARAM	L0001000	0.000002136	0.00	2.33	2.33
SRCPARAM	L0001001	0.000002136	0.00	2.33	2.33
SRCPARAM	L0001002	0.000002136	0.00	2.33	2.33
SRCPARAM	L0001003	0.000002136	0.00	2.33	2.33
SRCPARAM	L0001004	0.000002136	0.00	2.33	2.33
SRCPARAM	L0001005	0.000002136	0.00	2.33	2.33
** -----					
** LINE VOLUME Source ID = UNPAVED					
SRCPARAM	L0001006	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001007	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001008	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001009	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001010	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001011	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001012	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001013	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001014	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001015	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001016	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001017	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001018	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001019	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001020	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001021	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001022	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001023	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001024	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001025	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001026	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001027	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001028	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001029	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001030	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001031	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001032	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001033	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001034	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001035	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001036	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001037	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001038	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001039	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001040	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001041	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001042	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001043	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001044	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001045	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001046	0.000001762	0.00	2.33	2.33

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM2.5

SRCPARAM	L0001098	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001099	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001100	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001101	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001102	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001103	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001104	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001105	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001106	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001107	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001108	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001109	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001110	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001111	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001112	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001113	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001114	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001115	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001116	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001117	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001118	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001119	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001120	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001121	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001122	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001123	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001124	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001125	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001126	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001127	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001128	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001129	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001130	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001131	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001132	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001133	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001134	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001135	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001136	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001137	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001138	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001139	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001140	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001141	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001142	0.000001762	0.00	2.33	2.33
SRCPARAM	L0001143	0.000001762	0.00	2.33	2.33

**

URBANSRC ALL

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

** Variable Emission Scenario: "Scenario 1"

Appendix C – AERMOD RUN – PM2.5

[illegible]

Appendix C – AERMOD RUN – PM2.5

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM2.5

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM2.5

[illegible]

Appendix C – AERMOD RUN – PM2.5

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM2.5

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Appendix C – AERMOD RUN – PM_{2.5}

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Appendix C – AERMOD RUN – PM_{2.5}

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Appendix C – AERMOD RUN – PM_{2.5}

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Appendix C – AERMOD RUN – PM_{2.5}

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Appendix C – AERMOD RUN – PM2.5

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Appendix C – AERMOD RUN – PM_{2.5}

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Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM_{2.5}

[illegible]

Appendix C – AERMOD RUN – PM2.5

EMISFACT	L0001131	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001132	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001132	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001132	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001132	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001133	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001133	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001133	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001133	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001134	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001134	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001134	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001134	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001135	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001135	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001135	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001135	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001136	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001136	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001136	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001136	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001137	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001137	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001137	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001137	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001138	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001138	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001138	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001138	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001139	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001139	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001139	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001139	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001140	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001140	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001140	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001140	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001141	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001141	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001141	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001141	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001142	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001142	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001142	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001142	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001143	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001143	HROFDY	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0001143	HROFDY	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0001143	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
SRCGROUP ALL								
SO FINISHED								

Appendix C – AERMOD RUN – PM2.5

```
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED STSL_PM25.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE Met\RDLD_v9.SFC
  PROFFILE Met\RDLD_v9.PFL
  SURFDATA 3171 2012
  UAIRDATA 3190 2012
  SITEDATA 99999 2012
  PROFBASE 481.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 24 ALL 1ST STSL_PM25.AD\24H1GALL.PLT 31
  SUMMFILE STSL_PM25.sum
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   ***
```


Appendix C – AERMOD RUN – PM2.5

```
***** WARNING MESSAGES *****
ME W186    2419      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used      0.50
ME W187    2419      MEOPEN: ADJ_U* Option for Low Winds used in AERMET

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

Appendix C – AERMOD RUN – PM2.5

```
*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM25\STSL_PM25.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:12:33
***                                     ***                                     ***      PAGE 1

*** MODELOPTS:   RegDEFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     ***      MODEL SETUP OPTIONS SUMMARY      ***
- - - - -

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

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

**Model Uses URBAN Dispersion Algorithm for the SBL for   382 Source(s),
  for Total of   1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =   1.000 m

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

**Other Options Specified:
  ADJ_U*   - Use ADJ_U* BETA option for SBL in AERMET
  TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of:  PM

**Model Calculates   1 Short Term Average(s) of:  24-HR

**This Run Includes:   382 Source(s);           1 Source Group(s); and           19 Receptor(s)

    with:           0 POINT(s), including
                   0 POINTCAP(s) and           0 POINTHOR(s)
    and:   381 VOLUME source(s)
    and:           1 AREA type source(s)
    and:           0 LINE source(s)
    and:           0 OPENPIT source(s)
    and:           0 BUOYANT LINE source(s) with           0 line(s)

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

Appendix C – AERMOD RUN – PM2.5

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.9 MB of RAM.

**Detailed Error/Message File: STSL_PM25.err

**File for Summary of Results: STSL_PM25.sum

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 2

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000763	0	0.21360E-05	480446.9	3764057.9	477.9	0.00	2.33	2.33	YES	HROFDY
L0000764	0	0.21360E-05	480442.5	3764060.1	478.0	0.00	2.33	2.33	YES	HROFDY
L0000765	0	0.21360E-05	480438.0	3764062.4	477.9	0.00	2.33	2.33	YES	HROFDY
L0000766	0	0.21360E-05	480433.5	3764064.7	477.9	0.00	2.33	2.33	YES	HROFDY
L0000767	0	0.21360E-05	480429.1	3764066.9	477.9	0.00	2.33	2.33	YES	HROFDY
L0000768	0	0.21360E-05	480424.6	3764069.2	477.9	0.00	2.33	2.33	YES	HROFDY
L0000769	0	0.21360E-05	480420.2	3764071.4	477.8	0.00	2.33	2.33	YES	HROFDY
L0000770	0	0.21360E-05	480415.7	3764073.7	477.8	0.00	2.33	2.33	YES	HROFDY
L0000771	0	0.21360E-05	480411.2	3764076.0	477.7	0.00	2.33	2.33	YES	HROFDY
L0000772	0	0.21360E-05	480406.8	3764078.2	477.6	0.00	2.33	2.33	YES	HROFDY
L0000773	0	0.21360E-05	480402.3	3764080.5	477.6	0.00	2.33	2.33	YES	HROFDY
L0000774	0	0.21360E-05	480397.9	3764082.8	477.7	0.00	2.33	2.33	YES	HROFDY
L0000775	0	0.21360E-05	480393.4	3764085.0	477.7	0.00	2.33	2.33	YES	HROFDY
L0000776	0	0.21360E-05	480388.9	3764087.3	477.8	0.00	2.33	2.33	YES	HROFDY
L0000777	0	0.21360E-05	480384.5	3764089.5	477.9	0.00	2.33	2.33	YES	HROFDY
L0000778	0	0.21360E-05	480380.0	3764091.8	478.2	0.00	2.33	2.33	YES	HROFDY
L0000779	0	0.21360E-05	480375.6	3764094.1	478.7	0.00	2.33	2.33	YES	HROFDY
L0000780	0	0.21360E-05	480371.1	3764096.3	478.9	0.00	2.33	2.33	YES	HROFDY
L0000781	0	0.21360E-05	480366.6	3764098.6	478.9	0.00	2.33	2.33	YES	HROFDY
L0000782	0	0.21360E-05	480362.2	3764100.8	479.3	0.00	2.33	2.33	YES	HROFDY
L0000783	0	0.21360E-05	480357.7	3764103.1	480.0	0.00	2.33	2.33	YES	HROFDY
L0000784	0	0.21360E-05	480353.3	3764105.4	480.4	0.00	2.33	2.33	YES	HROFDY
L0000785	0	0.21360E-05	480349.0	3764108.0	480.5	0.00	2.33	2.33	YES	HROFDY
L0000786	0	0.21360E-05	480344.7	3764110.5	481.0	0.00	2.33	2.33	YES	HROFDY
L0000787	0	0.21360E-05	480340.3	3764113.0	481.7	0.00	2.33	2.33	YES	HROFDY
L0000788	0	0.21360E-05	480336.0	3764115.5	482.1	0.00	2.33	2.33	YES	HROFDY
L0000789	0	0.21360E-05	480331.7	3764118.0	482.4	0.00	2.33	2.33	YES	HROFDY
L0000790	0	0.21360E-05	480327.4	3764120.6	482.9	0.00	2.33	2.33	YES	HROFDY
L0000791	0	0.21360E-05	480323.1	3764123.1	483.2	0.00	2.33	2.33	YES	HROFDY
L0000792	0	0.21360E-05	480318.8	3764125.6	483.6	0.00	2.33	2.33	YES	HROFDY
L0000793	0	0.21360E-05	480314.4	3764128.1	484.2	0.00	2.33	2.33	YES	HROFDY
L0000794	0	0.21360E-05	480310.1	3764130.6	484.8	0.00	2.33	2.33	YES	HROFDY
L0000795	0	0.21360E-05	480305.8	3764133.1	485.2	0.00	2.33	2.33	YES	HROFDY
L0000796	0	0.21360E-05	480301.5	3764135.7	486.1	0.00	2.33	2.33	YES	HROFDY
L0000797	0	0.21360E-05	480297.2	3764138.2	486.7	0.00	2.33	2.33	YES	HROFDY
L0000798	0	0.21360E-05	480292.8	3764140.7	486.8	0.00	2.33	2.33	YES	HROFDY
L0000799	0	0.21360E-05	480288.5	3764143.2	486.9	0.00	2.33	2.33	YES	HROFDY
L0000800	0	0.21360E-05	480284.2	3764145.7	487.7	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

L0000801	0	0.21360E-05	480279.9	3764148.3	488.2	0.00	2.33	2.33	YES	HROFDY
L0000802	0	0.21360E-05	480275.6	3764150.8	488.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 3

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000803	0	0.21360E-05	480271.2	3764153.3	488.4	0.00	2.33	2.33	YES	HROFDY
L0000804	0	0.21360E-05	480266.9	3764155.8	488.8	0.00	2.33	2.33	YES	HROFDY
L0000805	0	0.21360E-05	480262.6	3764158.3	489.3	0.00	2.33	2.33	YES	HROFDY
L0000806	0	0.21360E-05	480258.3	3764160.9	489.8	0.00	2.33	2.33	YES	HROFDY
L0000807	0	0.21360E-05	480253.5	3764161.6	490.2	0.00	2.33	2.33	YES	HROFDY
L0000808	0	0.21360E-05	480248.5	3764161.5	490.7	0.00	2.33	2.33	YES	HROFDY
L0000809	0	0.21360E-05	480243.5	3764161.5	491.2	0.00	2.33	2.33	YES	HROFDY
L0000810	0	0.21360E-05	480238.5	3764161.4	491.7	0.00	2.33	2.33	YES	HROFDY
L0000811	0	0.21360E-05	480233.5	3764161.4	492.2	0.00	2.33	2.33	YES	HROFDY
L0000812	0	0.21360E-05	480228.5	3764161.3	492.6	0.00	2.33	2.33	YES	HROFDY
L0000813	0	0.21360E-05	480223.5	3764161.3	493.0	0.00	2.33	2.33	YES	HROFDY
L0000814	0	0.21360E-05	480218.5	3764161.2	493.5	0.00	2.33	2.33	YES	HROFDY
L0000815	0	0.21360E-05	480213.5	3764161.2	494.0	0.00	2.33	2.33	YES	HROFDY
L0000816	0	0.21360E-05	480208.5	3764161.1	494.4	0.00	2.33	2.33	YES	HROFDY
L0000817	0	0.21360E-05	480203.5	3764161.1	494.9	0.00	2.33	2.33	YES	HROFDY
L0000818	0	0.21360E-05	480198.5	3764161.0	495.3	0.00	2.33	2.33	YES	HROFDY
L0000819	0	0.21360E-05	480193.5	3764161.0	495.8	0.00	2.33	2.33	YES	HROFDY
L0000820	0	0.21360E-05	480188.5	3764160.9	496.2	0.00	2.33	2.33	YES	HROFDY
L0000821	0	0.21360E-05	480183.5	3764160.9	496.6	0.00	2.33	2.33	YES	HROFDY
L0000822	0	0.21360E-05	480178.5	3764160.8	497.1	0.00	2.33	2.33	YES	HROFDY
L0000823	0	0.21360E-05	480173.5	3764160.8	497.5	0.00	2.33	2.33	YES	HROFDY
L0000824	0	0.21360E-05	480168.5	3764160.7	498.0	0.00	2.33	2.33	YES	HROFDY
L0000825	0	0.21360E-05	480163.5	3764160.6	498.4	0.00	2.33	2.33	YES	HROFDY
L0000826	0	0.21360E-05	480158.5	3764160.6	498.8	0.00	2.33	2.33	YES	HROFDY
L0000827	0	0.21360E-05	480153.5	3764160.5	499.2	0.00	2.33	2.33	YES	HROFDY
L0000828	0	0.21360E-05	480148.5	3764160.5	499.6	0.00	2.33	2.33	YES	HROFDY
L0000829	0	0.21360E-05	480143.5	3764160.4	499.9	0.00	2.33	2.33	YES	HROFDY
L0000830	0	0.21360E-05	480138.5	3764160.4	500.2	0.00	2.33	2.33	YES	HROFDY
L0000831	0	0.21360E-05	480133.5	3764160.3	500.6	0.00	2.33	2.33	YES	HROFDY
L0000832	0	0.21360E-05	480128.5	3764160.3	501.0	0.00	2.33	2.33	YES	HROFDY
L0000833	0	0.21360E-05	480123.9	3764159.2	501.4	0.00	2.33	2.33	YES	HROFDY
L0000834	0	0.21360E-05	480120.3	3764155.8	501.7	0.00	2.33	2.33	YES	HROFDY
L0000835	0	0.21360E-05	480116.6	3764152.4	502.2	0.00	2.33	2.33	YES	HROFDY
L0000836	0	0.21360E-05	480112.9	3764149.0	502.8	0.00	2.33	2.33	YES	HROFDY
L0000837	0	0.21360E-05	480109.2	3764145.6	503.1	0.00	2.33	2.33	YES	HROFDY
L0000838	0	0.21360E-05	480105.6	3764142.2	503.6	0.00	2.33	2.33	YES	HROFDY
L0000839	0	0.21360E-05	480101.9	3764138.8	504.0	0.00	2.33	2.33	YES	HROFDY
L0000840	0	0.21360E-05	480098.2	3764135.4	504.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

L0000841	0	0.21360E-05	480094.6	3764132.0	505.0	0.00	2.33	2.33	YES	HROFDY
L0000842	0	0.21360E-05	480090.9	3764128.6	505.4	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 4

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000843	0	0.21360E-05	480088.6	3764124.6	505.7	0.00	2.33	2.33	YES	HROFDY
L0000844	0	0.21360E-05	480088.9	3764119.6	506.1	0.00	2.33	2.33	YES	HROFDY
L0000845	0	0.21360E-05	480089.1	3764114.6	506.4	0.00	2.33	2.33	YES	HROFDY
L0000846	0	0.21360E-05	480089.3	3764109.6	506.8	0.00	2.33	2.33	YES	HROFDY
L0000847	0	0.21360E-05	480089.6	3764104.6	507.2	0.00	2.33	2.33	YES	HROFDY
L0000848	0	0.21360E-05	480089.8	3764099.6	507.6	0.00	2.33	2.33	YES	HROFDY
L0000849	0	0.21360E-05	480090.0	3764094.7	507.9	0.00	2.33	2.33	YES	HROFDY
L0000850	0	0.21360E-05	480090.2	3764089.7	508.3	0.00	2.33	2.33	YES	HROFDY
L0000851	0	0.21360E-05	480090.5	3764084.7	508.6	0.00	2.33	2.33	YES	HROFDY
L0000852	0	0.21360E-05	480092.2	3764080.4	508.9	0.00	2.33	2.33	YES	HROFDY
L0000853	0	0.21360E-05	480095.9	3764077.0	509.2	0.00	2.33	2.33	YES	HROFDY
L0000854	0	0.21360E-05	480099.6	3764073.7	509.5	0.00	2.33	2.33	YES	HROFDY
L0000855	0	0.21360E-05	480103.3	3764070.3	509.9	0.00	2.33	2.33	YES	HROFDY
L0000856	0	0.21360E-05	480107.0	3764067.0	510.2	0.00	2.33	2.33	YES	HROFDY
L0000857	0	0.21360E-05	480110.7	3764063.6	510.5	0.00	2.33	2.33	YES	HROFDY
L0000858	0	0.21360E-05	480114.4	3764060.3	510.9	0.00	2.33	2.33	YES	HROFDY
L0000859	0	0.21360E-05	480118.1	3764056.9	511.2	0.00	2.33	2.33	YES	HROFDY
L0000860	0	0.21360E-05	480123.0	3764057.3	511.4	0.00	2.33	2.33	YES	HROFDY
L0000861	0	0.21360E-05	480128.0	3764057.9	511.7	0.00	2.33	2.33	YES	HROFDY
L0000862	0	0.21360E-05	480133.0	3764058.5	512.0	0.00	2.33	2.33	YES	HROFDY
L0000863	0	0.21360E-05	480137.9	3764059.1	512.3	0.00	2.33	2.33	YES	HROFDY
L0000864	0	0.21360E-05	480142.9	3764059.6	512.7	0.00	2.33	2.33	YES	HROFDY
L0000865	0	0.21360E-05	480147.9	3764060.2	513.1	0.00	2.33	2.33	YES	HROFDY
L0000866	0	0.21360E-05	480152.8	3764060.8	513.4	0.00	2.33	2.33	YES	HROFDY
L0000867	0	0.21360E-05	480157.8	3764061.4	513.7	0.00	2.33	2.33	YES	HROFDY
L0000868	0	0.21360E-05	480162.8	3764062.0	514.1	0.00	2.33	2.33	YES	HROFDY
L0000869	0	0.21360E-05	480167.7	3764062.6	514.6	0.00	2.33	2.33	YES	HROFDY
L0000870	0	0.21360E-05	480172.7	3764063.1	515.0	0.00	2.33	2.33	YES	HROFDY
L0000871	0	0.21360E-05	480177.7	3764063.7	515.3	0.00	2.33	2.33	YES	HROFDY
L0000872	0	0.21360E-05	480182.6	3764064.3	515.5	0.00	2.33	2.33	YES	HROFDY
L0000873	0	0.21360E-05	480187.6	3764064.8	515.6	0.00	2.33	2.33	YES	HROFDY
L0000874	0	0.21360E-05	480192.4	3764063.4	516.0	0.00	2.33	2.33	YES	HROFDY
L0000875	0	0.21360E-05	480197.2	3764062.1	516.3	0.00	2.33	2.33	YES	HROFDY
L0000876	0	0.21360E-05	480202.0	3764060.8	516.6	0.00	2.33	2.33	YES	HROFDY
L0000877	0	0.21360E-05	480206.9	3764059.4	516.9	0.00	2.33	2.33	YES	HROFDY
L0000878	0	0.21360E-05	480211.7	3764058.1	517.3	0.00	2.33	2.33	YES	HROFDY
L0000879	0	0.21360E-05	480216.5	3764056.7	517.6	0.00	2.33	2.33	YES	HROFDY
L0000880	0	0.21360E-05	480221.3	3764055.4	517.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

L0000881	0	0.21360E-05	480226.1	3764054.0	518.2	0.00	2.33	2.33	YES	HROFDY
L0000882	0	0.21360E-05	480230.9	3764052.7	518.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 5

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000883	0	0.21360E-05	480234.7	3764049.9	518.7	0.00	2.33	2.33	YES	HROFDY
L0000884	0	0.21360E-05	480237.4	3764045.7	519.1	0.00	2.33	2.33	YES	HROFDY
L0000885	0	0.21360E-05	480240.0	3764041.5	519.4	0.00	2.33	2.33	YES	HROFDY
L0000886	0	0.21360E-05	480242.7	3764037.2	519.7	0.00	2.33	2.33	YES	HROFDY
L0000887	0	0.21360E-05	480245.4	3764033.0	520.0	0.00	2.33	2.33	YES	HROFDY
L0000888	0	0.21360E-05	480248.1	3764028.8	520.5	0.00	2.33	2.33	YES	HROFDY
L0000889	0	0.21360E-05	480250.8	3764024.6	521.1	0.00	2.33	2.33	YES	HROFDY
L0000890	0	0.21360E-05	480253.5	3764020.4	521.4	0.00	2.33	2.33	YES	HROFDY
L0000891	0	0.21360E-05	480256.1	3764016.1	521.9	0.00	2.33	2.33	YES	HROFDY
L0000892	0	0.21360E-05	480258.8	3764011.9	522.4	0.00	2.33	2.33	YES	HROFDY
L0000893	0	0.21360E-05	480261.5	3764007.7	522.8	0.00	2.33	2.33	YES	HROFDY
L0000894	0	0.21360E-05	480264.2	3764003.5	523.2	0.00	2.33	2.33	YES	HROFDY
L0000895	0	0.21360E-05	480266.9	3763999.3	523.7	0.00	2.33	2.33	YES	HROFDY
L0000896	0	0.21360E-05	480269.6	3763995.0	524.2	0.00	2.33	2.33	YES	HROFDY
L0000897	0	0.21360E-05	480272.2	3763990.8	524.2	0.00	2.33	2.33	YES	HROFDY
L0000898	0	0.21360E-05	480274.9	3763986.6	524.6	0.00	2.33	2.33	YES	HROFDY
L0000899	0	0.21360E-05	480277.6	3763982.4	525.0	0.00	2.33	2.33	YES	HROFDY
L0000900	0	0.21360E-05	480280.3	3763978.2	524.7	0.00	2.33	2.33	YES	HROFDY
L0000901	0	0.21360E-05	480283.0	3763974.0	525.2	0.00	2.33	2.33	YES	HROFDY
L0000902	0	0.21360E-05	480285.7	3763969.7	525.6	0.00	2.33	2.33	YES	HROFDY
L0000903	0	0.21360E-05	480288.3	3763965.5	525.8	0.00	2.33	2.33	YES	HROFDY
L0000904	0	0.21360E-05	480291.0	3763961.3	525.9	0.00	2.33	2.33	YES	HROFDY
L0000905	0	0.21360E-05	480293.7	3763957.1	526.2	0.00	2.33	2.33	YES	HROFDY
L0000906	0	0.21360E-05	480296.4	3763952.9	526.3	0.00	2.33	2.33	YES	HROFDY
L0000907	0	0.21360E-05	480299.1	3763948.6	526.3	0.00	2.33	2.33	YES	HROFDY
L0000908	0	0.21360E-05	480301.8	3763944.4	526.8	0.00	2.33	2.33	YES	HROFDY
L0000909	0	0.21360E-05	480304.4	3763940.2	527.1	0.00	2.33	2.33	YES	HROFDY
L0000910	0	0.21360E-05	480307.1	3763936.0	527.1	0.00	2.33	2.33	YES	HROFDY
L0000911	0	0.21360E-05	480309.8	3763931.8	527.5	0.00	2.33	2.33	YES	HROFDY
L0000912	0	0.21360E-05	480312.5	3763927.5	527.8	0.00	2.33	2.33	YES	HROFDY
L0000913	0	0.21360E-05	480315.2	3763923.3	527.9	0.00	2.33	2.33	YES	HROFDY
L0000914	0	0.21360E-05	480317.9	3763919.1	528.2	0.00	2.33	2.33	YES	HROFDY
L0000915	0	0.21360E-05	480320.5	3763914.9	528.4	0.00	2.33	2.33	YES	HROFDY
L0000916	0	0.21360E-05	480323.2	3763910.7	528.7	0.00	2.33	2.33	YES	HROFDY
L0000917	0	0.21360E-05	480325.9	3763906.4	529.1	0.00	2.33	2.33	YES	HROFDY
L0000918	0	0.21360E-05	480327.7	3763901.8	529.4	0.00	2.33	2.33	YES	HROFDY
L0000919	0	0.21360E-05	480329.2	3763897.0	529.5	0.00	2.33	2.33	YES	HROFDY
L0000920	0	0.21360E-05	480330.6	3763892.3	529.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

L0000921	0	0.21360E-05	480332.1	3763887.5	530.1	0.00	2.33	2.33	YES	HROFDY
L0000922	0	0.21360E-05	480333.5	3763882.7	530.4	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 6

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000923	0	0.21360E-05	480334.9	3763877.9	530.8	0.00	2.33	2.33	YES	HROFDY
L0000924	0	0.21360E-05	480336.4	3763873.1	531.1	0.00	2.33	2.33	YES	HROFDY
L0000925	0	0.21360E-05	480337.8	3763868.3	531.2	0.00	2.33	2.33	YES	HROFDY
L0000926	0	0.21360E-05	480339.3	3763863.5	531.4	0.00	2.33	2.33	YES	HROFDY
L0000927	0	0.21360E-05	480340.7	3763858.8	531.7	0.00	2.33	2.33	YES	HROFDY
L0000928	0	0.21360E-05	480342.2	3763854.0	532.3	0.00	2.33	2.33	YES	HROFDY
L0000929	0	0.21360E-05	480343.6	3763849.2	532.6	0.00	2.33	2.33	YES	HROFDY
L0000930	0	0.21360E-05	480345.1	3763844.4	532.8	0.00	2.33	2.33	YES	HROFDY
L0000931	0	0.21360E-05	480346.5	3763839.6	533.0	0.00	2.33	2.33	YES	HROFDY
L0000932	0	0.21360E-05	480348.0	3763834.8	533.0	0.00	2.33	2.33	YES	HROFDY
L0000933	0	0.21360E-05	480349.4	3763830.0	533.3	0.00	2.33	2.33	YES	HROFDY
L0000934	0	0.21360E-05	480350.9	3763825.2	534.1	0.00	2.33	2.33	YES	HROFDY
L0000935	0	0.21360E-05	480352.3	3763820.5	534.6	0.00	2.33	2.33	YES	HROFDY
L0000936	0	0.21360E-05	480353.7	3763815.7	534.9	0.00	2.33	2.33	YES	HROFDY
L0000937	0	0.21360E-05	480355.2	3763810.9	535.1	0.00	2.33	2.33	YES	HROFDY
L0000938	0	0.21360E-05	480356.6	3763806.1	535.0	0.00	2.33	2.33	YES	HROFDY
L0000939	0	0.21360E-05	480358.1	3763801.3	535.1	0.00	2.33	2.33	YES	HROFDY
L0000940	0	0.21360E-05	480359.5	3763796.5	535.7	0.00	2.33	2.33	YES	HROFDY
L0000941	0	0.21360E-05	480361.0	3763791.7	536.0	0.00	2.33	2.33	YES	HROFDY
L0000942	0	0.21360E-05	480362.4	3763787.0	536.3	0.00	2.33	2.33	YES	HROFDY
L0000943	0	0.21360E-05	480363.9	3763782.2	536.5	0.00	2.33	2.33	YES	HROFDY
L0000944	0	0.21360E-05	480365.3	3763777.4	536.7	0.00	2.33	2.33	YES	HROFDY
L0000945	0	0.21360E-05	480367.6	3763773.0	536.8	0.00	2.33	2.33	YES	HROFDY
L0000946	0	0.21360E-05	480370.6	3763769.0	537.4	0.00	2.33	2.33	YES	HROFDY
L0000947	0	0.21360E-05	480373.5	3763764.9	537.6	0.00	2.33	2.33	YES	HROFDY
L0000948	0	0.21360E-05	480376.5	3763760.9	537.9	0.00	2.33	2.33	YES	HROFDY
L0000949	0	0.21360E-05	480379.4	3763756.9	538.4	0.00	2.33	2.33	YES	HROFDY
L0000950	0	0.21360E-05	480382.4	3763752.8	538.5	0.00	2.33	2.33	YES	HROFDY
L0000951	0	0.21360E-05	480385.3	3763748.8	539.0	0.00	2.33	2.33	YES	HROFDY
L0000952	0	0.21360E-05	480388.3	3763744.8	539.3	0.00	2.33	2.33	YES	HROFDY
L0000953	0	0.21360E-05	480391.2	3763740.7	539.4	0.00	2.33	2.33	YES	HROFDY
L0000954	0	0.21360E-05	480394.2	3763736.7	539.9	0.00	2.33	2.33	YES	HROFDY
L0000955	0	0.21360E-05	480397.1	3763732.7	540.2	0.00	2.33	2.33	YES	HROFDY
L0000956	0	0.21360E-05	480400.1	3763728.6	540.1	0.00	2.33	2.33	YES	HROFDY
L0000957	0	0.21360E-05	480403.0	3763724.6	540.3	0.00	2.33	2.33	YES	HROFDY
L0000958	0	0.21360E-05	480406.0	3763720.5	540.7	0.00	2.33	2.33	YES	HROFDY
L0000959	0	0.21360E-05	480408.9	3763716.5	541.0	0.00	2.33	2.33	YES	HROFDY
L0000960	0	0.21360E-05	480411.9	3763712.5	541.3	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

L0000961	0	0.21360E-05	480414.8	3763708.4	541.6	0.00	2.33	2.33	YES	HROFDY
L0000962	0	0.21360E-05	480417.8	3763704.4	541.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 7

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000963	0	0.21360E-05	480420.7	3763700.4	542.1	0.00	2.33	2.33	YES	HROFDY
L0000964	0	0.21360E-05	480423.7	3763696.3	542.4	0.00	2.33	2.33	YES	HROFDY
L0000965	0	0.21360E-05	480426.6	3763692.3	542.5	0.00	2.33	2.33	YES	HROFDY
L0000966	0	0.21360E-05	480429.6	3763688.3	543.0	0.00	2.33	2.33	YES	HROFDY
L0000967	0	0.21360E-05	480432.5	3763684.2	543.3	0.00	2.33	2.33	YES	HROFDY
L0000968	0	0.21360E-05	480435.5	3763680.2	543.3	0.00	2.33	2.33	YES	HROFDY
L0000969	0	0.21360E-05	480438.4	3763676.1	543.8	0.00	2.33	2.33	YES	HROFDY
L0000970	0	0.21360E-05	480441.4	3763672.1	544.0	0.00	2.33	2.33	YES	HROFDY
L0000971	0	0.21360E-05	480444.3	3763668.1	544.1	0.00	2.33	2.33	YES	HROFDY
L0000972	0	0.21360E-05	480447.3	3763664.0	544.3	0.00	2.33	2.33	YES	HROFDY
L0000973	0	0.21360E-05	480450.2	3763660.0	544.6	0.00	2.33	2.33	YES	HROFDY
L0000974	0	0.21360E-05	480451.1	3763655.1	544.9	0.00	2.33	2.33	YES	HROFDY
L0000975	0	0.21360E-05	480451.7	3763650.2	545.2	0.00	2.33	2.33	YES	HROFDY
L0000976	0	0.21360E-05	480452.3	3763645.2	545.4	0.00	2.33	2.33	YES	HROFDY
L0000977	0	0.21360E-05	480452.9	3763640.2	545.7	0.00	2.33	2.33	YES	HROFDY
L0000978	0	0.21360E-05	480453.5	3763635.3	546.0	0.00	2.33	2.33	YES	HROFDY
L0000979	0	0.21360E-05	480454.1	3763630.3	546.3	0.00	2.33	2.33	YES	HROFDY
L0000980	0	0.21360E-05	480454.7	3763625.3	546.7	0.00	2.33	2.33	YES	HROFDY
L0000981	0	0.21360E-05	480455.4	3763620.4	547.0	0.00	2.33	2.33	YES	HROFDY
L0000982	0	0.21360E-05	480456.0	3763615.4	547.3	0.00	2.33	2.33	YES	HROFDY
L0000983	0	0.21360E-05	480456.6	3763610.5	547.7	0.00	2.33	2.33	YES	HROFDY
L0000984	0	0.21360E-05	480457.2	3763605.5	548.0	0.00	2.33	2.33	YES	HROFDY
L0000985	0	0.21360E-05	480457.8	3763600.5	548.4	0.00	2.33	2.33	YES	HROFDY
L0000986	0	0.21360E-05	480458.4	3763595.6	548.8	0.00	2.33	2.33	YES	HROFDY
L0000987	0	0.21360E-05	480459.0	3763590.6	549.3	0.00	2.33	2.33	YES	HROFDY
L0000988	0	0.21360E-05	480457.5	3763586.2	549.8	0.00	2.33	2.33	YES	HROFDY
L0000989	0	0.21360E-05	480454.5	3763582.2	550.3	0.00	2.33	2.33	YES	HROFDY
L0000990	0	0.21360E-05	480451.5	3763578.2	550.6	0.00	2.33	2.33	YES	HROFDY
L0000991	0	0.21360E-05	480448.5	3763574.2	551.2	0.00	2.33	2.33	YES	HROFDY
L0000992	0	0.21360E-05	480445.5	3763570.2	551.7	0.00	2.33	2.33	YES	HROFDY
L0000993	0	0.21360E-05	480442.5	3763566.2	552.1	0.00	2.33	2.33	YES	HROFDY
L0000994	0	0.21360E-05	480439.5	3763562.2	552.7	0.00	2.33	2.33	YES	HROFDY
L0000995	0	0.21360E-05	480436.6	3763558.2	553.2	0.00	2.33	2.33	YES	HROFDY
L0000996	0	0.21360E-05	480433.6	3763554.2	553.8	0.00	2.33	2.33	YES	HROFDY
L0000997	0	0.21360E-05	480430.6	3763550.2	554.4	0.00	2.33	2.33	YES	HROFDY
L0000998	0	0.21360E-05	480427.6	3763546.2	554.9	0.00	2.33	2.33	YES	HROFDY
L0000999	0	0.21360E-05	480424.6	3763542.2	555.4	0.00	2.33	2.33	YES	HROFDY
L0001000	0	0.21360E-05	480421.6	3763538.2	555.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

L0001001	0	0.21360E-05	480418.6	3763534.2	556.3	0.00	2.33	2.33	YES	HROFDY
L0001002	0	0.21360E-05	480415.6	3763530.2	556.8	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 8

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001003	0	0.21360E-05	480412.6	3763526.2	557.2	0.00	2.33	2.33	YES	HROFDY
L0001004	0	0.21360E-05	480409.6	3763522.1	557.7	0.00	2.33	2.33	YES	HROFDY
L0001005	0	0.21360E-05	480406.6	3763518.1	558.1	0.00	2.33	2.33	YES	HROFDY
L0001006	0	0.17620E-05	480397.0	3763514.2	559.3	0.00	2.33	2.33	YES	HROFDY
L0001007	0	0.17620E-05	480392.7	3763511.5	559.8	0.00	2.33	2.33	YES	HROFDY
L0001008	0	0.17620E-05	480388.5	3763508.9	560.3	0.00	2.33	2.33	YES	HROFDY
L0001009	0	0.17620E-05	480384.3	3763506.2	560.8	0.00	2.33	2.33	YES	HROFDY
L0001010	0	0.17620E-05	480380.0	3763503.6	561.4	0.00	2.33	2.33	YES	HROFDY
L0001011	0	0.17620E-05	480375.8	3763500.9	561.9	0.00	2.33	2.33	YES	HROFDY
L0001012	0	0.17620E-05	480371.6	3763498.2	562.4	0.00	2.33	2.33	YES	HROFDY
L0001013	0	0.17620E-05	480367.3	3763495.6	562.9	0.00	2.33	2.33	YES	HROFDY
L0001014	0	0.17620E-05	480363.1	3763492.9	563.4	0.00	2.33	2.33	YES	HROFDY
L0001015	0	0.17620E-05	480358.9	3763490.3	563.9	0.00	2.33	2.33	YES	HROFDY
L0001016	0	0.17620E-05	480354.6	3763487.6	564.5	0.00	2.33	2.33	YES	HROFDY
L0001017	0	0.17620E-05	480350.4	3763484.9	565.0	0.00	2.33	2.33	YES	HROFDY
L0001018	0	0.17620E-05	480346.2	3763482.3	565.5	0.00	2.33	2.33	YES	HROFDY
L0001019	0	0.17620E-05	480341.9	3763479.6	566.0	0.00	2.33	2.33	YES	HROFDY
L0001020	0	0.17620E-05	480337.7	3763477.0	566.5	0.00	2.33	2.33	YES	HROFDY
L0001021	0	0.17620E-05	480333.5	3763474.3	567.0	0.00	2.33	2.33	YES	HROFDY
L0001022	0	0.17620E-05	480329.2	3763471.6	567.5	0.00	2.33	2.33	YES	HROFDY
L0001023	0	0.17620E-05	480325.0	3763469.0	568.1	0.00	2.33	2.33	YES	HROFDY
L0001024	0	0.17620E-05	480320.5	3763468.1	568.5	0.00	2.33	2.33	YES	HROFDY
L0001025	0	0.17620E-05	480315.7	3763469.3	568.8	0.00	2.33	2.33	YES	HROFDY
L0001026	0	0.17620E-05	480310.8	3763470.6	569.2	0.00	2.33	2.33	YES	HROFDY
L0001027	0	0.17620E-05	480306.0	3763471.8	569.5	0.00	2.33	2.33	YES	HROFDY
L0001028	0	0.17620E-05	480301.1	3763473.1	569.9	0.00	2.33	2.33	YES	HROFDY
L0001029	0	0.17620E-05	480296.3	3763474.3	570.2	0.00	2.33	2.33	YES	HROFDY
L0001030	0	0.17620E-05	480291.4	3763475.6	570.6	0.00	2.33	2.33	YES	HROFDY
L0001031	0	0.17620E-05	480286.6	3763476.8	570.9	0.00	2.33	2.33	YES	HROFDY
L0001032	0	0.17620E-05	480281.8	3763478.1	571.3	0.00	2.33	2.33	YES	HROFDY
L0001033	0	0.17620E-05	480276.9	3763479.3	571.6	0.00	2.33	2.33	YES	HROFDY
L0001034	0	0.17620E-05	480272.1	3763480.6	572.0	0.00	2.33	2.33	YES	HROFDY
L0001035	0	0.17620E-05	480267.2	3763481.8	572.3	0.00	2.33	2.33	YES	HROFDY
L0001036	0	0.17620E-05	480262.4	3763483.1	572.7	0.00	2.33	2.33	YES	HROFDY
L0001037	0	0.17620E-05	480257.6	3763484.4	573.0	0.00	2.33	2.33	YES	HROFDY
L0001038	0	0.17620E-05	480252.7	3763485.6	573.4	0.00	2.33	2.33	YES	HROFDY
L0001039	0	0.17620E-05	480247.9	3763486.9	573.8	0.00	2.33	2.33	YES	HROFDY
L0001040	0	0.17620E-05	480242.9	3763487.4	574.2	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

L0001041	0	0.17620E-05	480237.9	3763487.7	574.7	0.00	2.33	2.33	YES	HROFDY
L0001042	0	0.17620E-05	480232.9	3763488.0	575.1	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 9

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001043	0	0.17620E-05	480228.0	3763488.3	575.6	0.00	2.33	2.33	YES	HROFDY
L0001044	0	0.17620E-05	480223.0	3763488.6	576.1	0.00	2.33	2.33	YES	HROFDY
L0001045	0	0.17620E-05	480218.0	3763488.9	576.6	0.00	2.33	2.33	YES	HROFDY
L0001046	0	0.17620E-05	480213.0	3763489.2	577.0	0.00	2.33	2.33	YES	HROFDY
L0001047	0	0.17620E-05	480208.0	3763489.5	577.5	0.00	2.33	2.33	YES	HROFDY
L0001048	0	0.17620E-05	480203.0	3763489.8	578.0	0.00	2.33	2.33	YES	HROFDY
L0001049	0	0.17620E-05	480198.0	3763490.1	578.5	0.00	2.33	2.33	YES	HROFDY
L0001050	0	0.17620E-05	480193.0	3763490.4	578.9	0.00	2.33	2.33	YES	HROFDY
L0001051	0	0.17620E-05	480188.4	3763489.2	579.3	0.00	2.33	2.33	YES	HROFDY
L0001052	0	0.17620E-05	480184.0	3763486.7	579.7	0.00	2.33	2.33	YES	HROFDY
L0001053	0	0.17620E-05	480179.7	3763484.2	580.1	0.00	2.33	2.33	YES	HROFDY
L0001054	0	0.17620E-05	480175.3	3763481.7	580.5	0.00	2.33	2.33	YES	HROFDY
L0001055	0	0.17620E-05	480171.0	3763479.3	580.8	0.00	2.33	2.33	YES	HROFDY
L0001056	0	0.17620E-05	480166.7	3763476.8	581.2	0.00	2.33	2.33	YES	HROFDY
L0001057	0	0.17620E-05	480162.3	3763474.3	581.6	0.00	2.33	2.33	YES	HROFDY
L0001058	0	0.17620E-05	480158.0	3763471.8	581.9	0.00	2.33	2.33	YES	HROFDY
L0001059	0	0.17620E-05	480153.6	3763469.4	582.3	0.00	2.33	2.33	YES	HROFDY
L0001060	0	0.17620E-05	480149.3	3763466.9	582.7	0.00	2.33	2.33	YES	HROFDY
L0001061	0	0.17620E-05	480144.9	3763464.4	583.0	0.00	2.33	2.33	YES	HROFDY
L0001062	0	0.17620E-05	480140.6	3763461.9	583.4	0.00	2.33	2.33	YES	HROFDY
L0001063	0	0.17620E-05	480136.2	3763459.5	583.8	0.00	2.33	2.33	YES	HROFDY
L0001064	0	0.17620E-05	480131.9	3763457.0	584.1	0.00	2.33	2.33	YES	HROFDY
L0001065	0	0.17620E-05	480127.6	3763454.5	584.5	0.00	2.33	2.33	YES	HROFDY
L0001066	0	0.17620E-05	480123.2	3763452.0	584.9	0.00	2.33	2.33	YES	HROFDY
L0001067	0	0.17620E-05	480118.9	3763449.5	585.2	0.00	2.33	2.33	YES	HROFDY
L0001068	0	0.17620E-05	480115.1	3763446.2	585.6	0.00	2.33	2.33	YES	HROFDY
L0001069	0	0.17620E-05	480111.5	3763442.8	585.9	0.00	2.33	2.33	YES	HROFDY
L0001070	0	0.17620E-05	480107.9	3763439.4	586.2	0.00	2.33	2.33	YES	HROFDY
L0001071	0	0.17620E-05	480104.2	3763436.0	586.6	0.00	2.33	2.33	YES	HROFDY
L0001072	0	0.17620E-05	480100.6	3763432.5	586.9	0.00	2.33	2.33	YES	HROFDY
L0001073	0	0.17620E-05	480096.9	3763429.1	587.2	0.00	2.33	2.33	YES	HROFDY
L0001074	0	0.17620E-05	480093.3	3763425.7	587.5	0.00	2.33	2.33	YES	HROFDY
L0001075	0	0.17620E-05	480089.7	3763422.3	587.9	0.00	2.33	2.33	YES	HROFDY
L0001076	0	0.17620E-05	480086.0	3763418.8	588.2	0.00	2.33	2.33	YES	HROFDY
L0001077	0	0.17620E-05	480082.4	3763415.4	588.5	0.00	2.33	2.33	YES	HROFDY
L0001078	0	0.17620E-05	480078.7	3763412.0	588.8	0.00	2.33	2.33	YES	HROFDY
L0001079	0	0.17620E-05	480075.1	3763408.5	589.2	0.00	2.33	2.33	YES	HROFDY
L0001080	0	0.17620E-05	480071.2	3763406.4	589.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

L0001081	0	0.17620E-05	480066.5	3763408.1	590.0	0.00	2.33	2.33	YES	HROFDY
L0001082	0	0.17620E-05	480061.9	3763409.9	590.5	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 10

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001083	0	0.17620E-05	480057.2	3763411.7	591.0	0.00	2.33	2.33	YES	HROFDY
L0001084	0	0.17620E-05	480052.6	3763413.6	591.4	0.00	2.33	2.33	YES	HROFDY
L0001085	0	0.17620E-05	480051.3	3763418.4	591.5	0.00	2.33	2.33	YES	HROFDY
L0001086	0	0.17620E-05	480049.9	3763423.2	591.6	0.00	2.33	2.33	YES	HROFDY
L0001087	0	0.17620E-05	480048.5	3763428.0	591.6	0.00	2.33	2.33	YES	HROFDY
L0001088	0	0.17620E-05	480047.7	3763432.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0001089	0	0.17620E-05	480051.2	3763436.2	591.7	0.00	2.33	2.33	YES	HROFDY
L0001090	0	0.17620E-05	480054.8	3763439.7	591.7	0.00	2.33	2.33	YES	HROFDY
L0001091	0	0.17620E-05	480058.3	3763443.2	591.8	0.00	2.33	2.33	YES	HROFDY
L0001092	0	0.17620E-05	480061.9	3763446.7	591.8	0.00	2.33	2.33	YES	HROFDY
L0001093	0	0.17620E-05	480065.4	3763450.3	591.8	0.00	2.33	2.33	YES	HROFDY
L0001094	0	0.17620E-05	480069.0	3763453.8	591.8	0.00	2.33	2.33	YES	HROFDY
L0001095	0	0.17620E-05	480072.6	3763457.3	591.8	0.00	2.33	2.33	YES	HROFDY
L0001096	0	0.17620E-05	480076.1	3763460.8	591.8	0.00	2.33	2.33	YES	HROFDY
L0001097	0	0.17620E-05	480079.7	3763464.3	591.9	0.00	2.33	2.33	YES	HROFDY
L0001098	0	0.17620E-05	480083.2	3763467.8	591.9	0.00	2.33	2.33	YES	HROFDY
L0001099	0	0.17620E-05	480086.8	3763471.3	591.9	0.00	2.33	2.33	YES	HROFDY
L0001100	0	0.17620E-05	480090.3	3763474.9	591.9	0.00	2.33	2.33	YES	HROFDY
L0001101	0	0.17620E-05	480093.9	3763478.4	592.0	0.00	2.33	2.33	YES	HROFDY
L0001102	0	0.17620E-05	480097.5	3763481.9	592.0	0.00	2.33	2.33	YES	HROFDY
L0001103	0	0.17620E-05	480101.0	3763485.4	592.0	0.00	2.33	2.33	YES	HROFDY
L0001104	0	0.17620E-05	480104.2	3763489.2	592.0	0.00	2.33	2.33	YES	HROFDY
L0001105	0	0.17620E-05	480106.9	3763493.4	592.1	0.00	2.33	2.33	YES	HROFDY
L0001106	0	0.17620E-05	480109.7	3763497.6	592.2	0.00	2.33	2.33	YES	HROFDY
L0001107	0	0.17620E-05	480112.4	3763501.8	592.3	0.00	2.33	2.33	YES	HROFDY
L0001108	0	0.17620E-05	480115.2	3763505.9	592.3	0.00	2.33	2.33	YES	HROFDY
L0001109	0	0.17620E-05	480117.9	3763510.1	592.4	0.00	2.33	2.33	YES	HROFDY
L0001110	0	0.17620E-05	480120.7	3763514.3	592.5	0.00	2.33	2.33	YES	HROFDY
L0001111	0	0.17620E-05	480123.5	3763518.4	592.5	0.00	2.33	2.33	YES	HROFDY
L0001112	0	0.17620E-05	480126.2	3763522.6	592.6	0.00	2.33	2.33	YES	HROFDY
L0001113	0	0.17620E-05	480127.6	3763527.4	592.7	0.00	2.33	2.33	YES	HROFDY
L0001114	0	0.17620E-05	480128.8	3763532.3	592.7	0.00	2.33	2.33	YES	HROFDY
L0001115	0	0.17620E-05	480130.0	3763537.1	592.8	0.00	2.33	2.33	YES	HROFDY
L0001116	0	0.17620E-05	480131.2	3763542.0	592.8	0.00	2.33	2.33	YES	HROFDY
L0001117	0	0.17620E-05	480132.4	3763546.8	592.8	0.00	2.33	2.33	YES	HROFDY
L0001118	0	0.17620E-05	480133.6	3763551.7	592.9	0.00	2.33	2.33	YES	HROFDY
L0001119	0	0.17620E-05	480134.9	3763556.5	592.9	0.00	2.33	2.33	YES	HROFDY
L0001120	0	0.17620E-05	480136.1	3763561.4	593.0	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

L0001121	0	0.17620E-05	480137.3	3763566.2	593.0	0.00	2.33	2.33	YES	HROFDY
L0001122	0	0.17620E-05	480138.5	3763571.1	593.0	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 11

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001123	0	0.17620E-05	480139.7	3763575.9	593.1	0.00	2.33	2.33	YES	HROFDY
L0001124	0	0.17620E-05	480141.0	3763580.8	593.1	0.00	2.33	2.33	YES	HROFDY
L0001125	0	0.17620E-05	480142.2	3763585.6	593.2	0.00	2.33	2.33	YES	HROFDY
L0001126	0	0.17620E-05	480143.4	3763590.5	593.2	0.00	2.33	2.33	YES	HROFDY
L0001127	0	0.17620E-05	480144.6	3763595.3	593.3	0.00	2.33	2.33	YES	HROFDY
L0001128	0	0.17620E-05	480145.8	3763600.2	593.3	0.00	2.33	2.33	YES	HROFDY
L0001129	0	0.17620E-05	480147.0	3763605.0	593.3	0.00	2.33	2.33	YES	HROFDY
L0001130	0	0.17620E-05	480148.3	3763609.9	593.4	0.00	2.33	2.33	YES	HROFDY
L0001131	0	0.17620E-05	480149.5	3763614.7	593.4	0.00	2.33	2.33	YES	HROFDY
L0001132	0	0.17620E-05	480150.7	3763619.5	593.5	0.00	2.33	2.33	YES	HROFDY
L0001133	0	0.17620E-05	480151.9	3763624.4	593.5	0.00	2.33	2.33	YES	HROFDY
L0001134	0	0.17620E-05	480153.1	3763629.2	593.6	0.00	2.33	2.33	YES	HROFDY
L0001135	0	0.17620E-05	480154.4	3763634.1	593.6	0.00	2.33	2.33	YES	HROFDY
L0001136	0	0.17620E-05	480155.6	3763638.9	593.6	0.00	2.33	2.33	YES	HROFDY
L0001137	0	0.17620E-05	480156.8	3763643.8	593.7	0.00	2.33	2.33	YES	HROFDY
L0001138	0	0.17620E-05	480158.0	3763648.6	593.7	0.00	2.33	2.33	YES	HROFDY
L0001139	0	0.17620E-05	480159.2	3763653.5	593.8	0.00	2.33	2.33	YES	HROFDY
L0001140	0	0.17620E-05	480160.4	3763658.3	593.8	0.00	2.33	2.33	YES	HROFDY
L0001141	0	0.17620E-05	480161.7	3763663.2	593.9	0.00	2.33	2.33	YES	HROFDY
L0001142	0	0.17620E-05	480162.9	3763668.0	593.9	0.00	2.33	2.33	YES	HROFDY
L0001143	0	0.17620E-05	480164.1	3763672.9	593.9	0.00	2.33	2.33	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

```

*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM25\STSL_PM25.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:12:33
*** MODEL_OPTS:   RegDFAULT CONC  ELEV  URBAN  ADJ_U*                                     ***      PAGE 12

```

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
EQUIPMENT	0	0.28857E-07	480099.9	3764044.9	507.7	1.52	12	5.00	YES	HROFDY

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM25\STSL_PM25.isc
 *** AERMET - VERSION 16216 *** ***
 *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 04/15/18
 *** 22:12:33
 PAGE 13

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	EQUIPMENT , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 ,
	L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,
	L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 ,
	L0000786 , L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
	L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 , L0000801 ,
	L0000802 , L0000803 , L0000804 , L0000805 , L0000806 , L0000807 , L0000808 , L0000809 ,
	L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 , L0000817 ,
	L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 , L0000825 ,
	L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 ,
	L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 ,
	L0000842 , L0000843 , L0000844 , L0000845 , L0000846 , L0000847 , L0000848 , L0000849 ,
	L0000850 , L0000851 , L0000852 , L0000853 , L0000854 , L0000855 , L0000856 , L0000857 ,
	L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 , L0000865 ,
	L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 , L0000873 ,
	L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , L0000879 , L0000880 , L0000881 ,
	L0000882 , L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 ,
	L0000890 , L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 ,
	L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 ,
	L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 ,
	L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM25\STSL_PM25.isc
 *** AERMET - VERSION 16216 *** ***
 *** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 04/15/18
 *** 22:12:33
 PAGE 14

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0000922	,	L0000923	,	L0000924	,	L0000925	,	L0000926	,	L0000927	,	L0000928	,	L0000929	,
L0000930	,	L0000931	,	L0000932	,	L0000933	,	L0000934	,	L0000935	,	L0000936	,	L0000937	,
L0000938	,	L0000939	,	L0000940	,	L0000941	,	L0000942	,	L0000943	,	L0000944	,	L0000945	,
L0000946	,	L0000947	,	L0000948	,	L0000949	,	L0000950	,	L0000951	,	L0000952	,	L0000953	,
L0000954	,	L0000955	,	L0000956	,	L0000957	,	L0000958	,	L0000959	,	L0000960	,	L0000961	,
L0000962	,	L0000963	,	L0000964	,	L0000965	,	L0000966	,	L0000967	,	L0000968	,	L0000969	,
L0000970	,	L0000971	,	L0000972	,	L0000973	,	L0000974	,	L0000975	,	L0000976	,	L0000977	,
L0000978	,	L0000979	,	L0000980	,	L0000981	,	L0000982	,	L0000983	,	L0000984	,	L0000985	,
L0000986	,	L0000987	,	L0000988	,	L0000989	,	L0000990	,	L0000991	,	L0000992	,	L0000993	,
L0000994	,	L0000995	,	L0000996	,	L0000997	,	L0000998	,	L0000999	,	L0001000	,	L0001001	,
L0001002	,	L0001003	,	L0001004	,	L0001005	,	L0001006	,	L0001007	,	L0001008	,	L0001009	,
L0001010	,	L0001011	,	L0001012	,	L0001013	,	L0001014	,	L0001015	,	L0001016	,	L0001017	,
L0001018	,	L0001019	,	L0001020	,	L0001021	,	L0001022	,	L0001023	,	L0001024	,	L0001025	,
L0001026	,	L0001027	,	L0001028	,	L0001029	,	L0001030	,	L0001031	,	L0001032	,	L0001033	,
L0001034	,	L0001035	,	L0001036	,	L0001037	,	L0001038	,	L0001039	,	L0001040	,	L0001041	,
L0001042	,	L0001043	,	L0001044	,	L0001045	,	L0001046	,	L0001047	,	L0001048	,	L0001049	,
L0001050	,	L0001051	,	L0001052	,	L0001053	,	L0001054	,	L0001055	,	L0001056	,	L0001057	,
L0001058	,	L0001059	,	L0001060	,	L0001061	,	L0001062	,	L0001063	,	L0001064	,	L0001065	,
L0001066	,	L0001067	,	L0001068	,	L0001069	,	L0001070	,	L0001071	,	L0001072	,	L0001073	,
L0001074	,	L0001075	,	L0001076	,	L0001077	,	L0001078	,	L0001079	,	L0001080	,	L0001081	,

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM25\STSL_PM25.isc
 *** AERMET - VERSION 16216 *** ***
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 04/15/18
 *** 22:12:33
 PAGE 15

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0001082	,	L0001083	,	L0001084	,	L0001085	,	L0001086	,	L0001087	,	L0001088	,	L0001089	,
L0001090	,	L0001091	,	L0001092	,	L0001093	,	L0001094	,	L0001095	,	L0001096	,	L0001097	,
L0001098	,	L0001099	,	L0001100	,	L0001101	,	L0001102	,	L0001103	,	L0001104	,	L0001105	,
L0001106	,	L0001107	,	L0001108	,	L0001109	,	L0001110	,	L0001111	,	L0001112	,	L0001113	,
L0001114	,	L0001115	,	L0001116	,	L0001117	,	L0001118	,	L0001119	,	L0001120	,	L0001121	,
L0001122	,	L0001123	,	L0001124	,	L0001125	,	L0001126	,	L0001127	,	L0001128	,	L0001129	,
L0001130	,	L0001131	,	L0001132	,	L0001133	,	L0001134	,	L0001135	,	L0001136	,	L0001137	,
L0001138	,	L0001139	,	L0001140	,	L0001141	,	L0001142	,	L0001143	,				

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000769	2035210.	EQUIPMENT , L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 ,
		L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,
		L0000778 , L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 ,
		L0000786 , L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
		L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 , L0000801 ,
		L0000802 , L0000803 , L0000804 , L0000805 , L0000806 , L0000807 , L0000808 , L0000809 ,
		L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 , L0000817 ,
		L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 , L0000825 ,
		L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 ,
		L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 ,
		L0000842 , L0000843 , L0000844 , L0000845 , L0000846 , L0000847 , L0000848 , L0000849 ,
		L0000850 , L0000851 , L0000852 , L0000853 , L0000854 , L0000855 , L0000856 , L0000857 ,
		L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 , L0000865 ,
		L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 , L0000873 ,
		L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , L0000879 , L0000880 , L0000881 ,
		L0000882 , L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 ,
		L0000890 , L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 ,
		L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 ,
		L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 ,

Appendix C – AERMOD RUN – PM2.5

L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000922	,	L0000923
L0000923	,	L0000924
L0000924	,	L0000925
L0000925	,	L0000926
L0000926	,	L0000927
L0000927	,	L0000928
L0000928	,	L0000929
L0000929	,	L0000930
L0000930	,	L0000931
L0000931	,	L0000932
L0000932	,	L0000933
L0000933	,	L0000934
L0000934	,	L0000935
L0000935	,	L0000936
L0000936	,	L0000937
L0000937	,	L0000938
L0000938	,	L0000939
L0000939	,	L0000940
L0000940	,	L0000941
L0000941	,	L0000942
L0000942	,	L0000943
L0000943	,	L0000944
L0000944	,	L0000945
L0000945	,	L0000946
L0000946	,	L0000947
L0000947	,	L0000948
L0000948	,	L0000949
L0000949	,	L0000950
L0000950	,	L0000951
L0000951	,	L0000952
L0000952	,	L0000953
L0000953	,	L0000954
L0000954	,	L0000955
L0000955	,	L0000956
L0000956	,	L0000957
L0000957	,	L0000958
L0000958	,	L0000959
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L0000972	,	L0000973
L0000973	,	L0000974
L0000974	,	L0000975
L0000975	,	L0000976
L0000976	,	L0000977
L0000977	,	L0000978
L0000978	,	L0000979
L0000979	,	L0000980
L0000980	,	L0000981
L0000981	,	L0000982
L0000982	,	L0000983
L0000983	,	L0000984
L0000984	,	L0000985
L0000985	,	L0000986
L0000986	,	L0000987
L0000987	,	L0000988
L0000988	,	L0000989
L0000989	,	L0000990
L0000990	,	L0000991
L0000991	,	L0000992
L0000992	,	L0000993
L0000993	,	L0000994
L0000994	,	L0000995
L0000995	,	L0000996
L0000996	,	L0000997
L0000997	,	L0000998
L0000998	,	L0000999
L0000999	,	L0001000
L0001000	,	L0001001
L0001001	,	L0001002
L0001002	,	L0001003
L0001003	,	L0001004
L0001004	,	L0001005
L0001005	,	L0001006
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L0001010	,	L0001011
L0001011	,	L0001012
L0001012	,	L0001013
L0001013	,	L0001014
L0001014	,	L0001015
L0001015	,	L0001016
L0001016	,	L0001017
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L0001034	,	L0001035
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L0001038	,	L0001039
L0001039	,	L0001040
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L0001048	,	L0001049
L0001049	,	L0001050
L0001050	,	L0001051
L0001051	,	L0001052
L0001052	,	L0001053
L0001053	,	L0001054
L0001054	,	L0001055
L0001055	,	L0001056
L0001056	,	L0001057
L0001057	,	L0001058
L0001058	,	L0001059
L0001059	,	L0001060
L0001060	,	L0001061
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L0001063	,	L0001064
L0001064	,	L0001065
L0001065	,	L0001066
L0001066	,	L0001067
L0001067	,	L0001068
L0001068	,	L0001069
L0001069	,	L0001070
L0001070	,	L0001071
L0001071	,	L0001072
L0001072	,	L0001073
L0001073	,	L0001074
L0001074	,	L0001075
L0001075	,	L0001076
L0001076	,	L0001077
L0001077	,	L0001078
L0001078	,	L0001079
L0001079	,	L0001080
L0001080	,	L0001081

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r *** *** C:\AERMOD\STSL_PM25\STSL_PM25.isc
 *** AERMET - VERSION 16216 *** ***
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 04/15/18
 *** 22:12:33
 PAGE 18

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0001082	, L0001083	, L0001084 , L0001085 , L0001086 , L0001087 , L0001088 , L0001089 ,
L0001090	, L0001091	, L0001092 , L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098	, L0001099	, L0001100 , L0001101 , L0001102 , L0001103 , L0001104 , L0001105 ,
L0001106	, L0001107	, L0001108 , L0001109 , L0001110 , L0001111 , L0001112 , L0001113 ,
L0001114	, L0001115	, L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , L0001121 ,
L0001122	, L0001123	, L0001124 , L0001125 , L0001126 , L0001127 , L0001128 , L0001129 ,
L0001130	, L0001131	, L0001132 , L0001133 , L0001134 , L0001135 , L0001136 , L0001137 ,
L0001138	, L0001139	, L0001140 , L0001141 , L0001142 , L0001143 ,

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 19

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = EQUIPMENT ; SOURCE TYPE = AREAPOLY :											
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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000763 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000764 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000765 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000766 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 20

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000767 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000768 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000769 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000770 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000771 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 21

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000772 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000773 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000774 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000775 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000776 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 22

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000777 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000778 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000779 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000780 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000781 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 23

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000782 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000783 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000784 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000785 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000786 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 24

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000787 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000788 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000789 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000790 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000791 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 25

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000792 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000793 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000794 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000795 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000796 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 26

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000797 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000798 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000799 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000800 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000801 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 27

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000802 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000803 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000804 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000805 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000806 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 28

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000807 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000808 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000809 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000810 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000811 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 29

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000812 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000813 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000814 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000815 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000816 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 30

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000817 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000818 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000819 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000820 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000821 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 31

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000822 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000823 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000824 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000825 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000826 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 32

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000827 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000828 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000829 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000830 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000831 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 33

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000832 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000833 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000834 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000835 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000836 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 34

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000837 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000838 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000839 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000840 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000841 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 35

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000842 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000843 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000844 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000845 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000846 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 36

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000847 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000848 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000849 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000850 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000851 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 37

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000852 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000853 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000854 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000855 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000856 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 38

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000857 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000858 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000859 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000860 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000861 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 39

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000862 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000863 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000864 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000865 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000866 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 40

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000867 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000868 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000869 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000870 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000871 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 41

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000872 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000873 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000874 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000875 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000876 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 42

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000877 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000878 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000879 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000880 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000881 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 43

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000882 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000883 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000884 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000885 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000886 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 44

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000887 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000888 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000889 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000890 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000891 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 45

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000892 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000893 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000894 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000895 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000896 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 46

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000897 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000898 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000899 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000900 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000901 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 47

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000902 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000903 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000904 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000905 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000906 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 48

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000907 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000908 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000909 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000910 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000911 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 49

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000912 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000913 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000914 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000915 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000916 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 50

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000917 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000918 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000919 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000920 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000921 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 51

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000922 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000923 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000924 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000925 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000926 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 52

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000927 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000928 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000929 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000930 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000931 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 53

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000932 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000933 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000934 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000935 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000936 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 54

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000937 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000938 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000939 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000940 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000941 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 55

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000942 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000943 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000944 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000945 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000946 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 56

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000947 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000948 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000949 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000950 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000951 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 57

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000952 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000953 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000954 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000955 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000956 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 58

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000957 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000958 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000959 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000960 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000961 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 59

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000962 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000963 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000964 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000965 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000966 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 60

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000967 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000968 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000969 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000970 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000971 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 61

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000972 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000973 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000974 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000975 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000976 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 62

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000977 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000978 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000979 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000980 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000981 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 63

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000982 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000983 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000984 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000985 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000986 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 64

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000987 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000988 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000989 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000990 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000991 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 65

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000992 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000993 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000994 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000995 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000996 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 66

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0000997 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000998 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0000999 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001000 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001001 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 67

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001002 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001003 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001004 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001005 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001006 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 68

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001007 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001008 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001009 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001010 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001011 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 69

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001012 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001013 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001014 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001015 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001016 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 70

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001017 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001018 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001019 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001020 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001021 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 71

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001022 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001023 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001024 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001025 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001026 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 72

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001027 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001028 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001029 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001030 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001031 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 73

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001032 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001033 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001034 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001035 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001036 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 74

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001037 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001038 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001039 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001040 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001041 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 75

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001042 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001043 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001044 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001045 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001046 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 76

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001047 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001048 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001049 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001050 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001051 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 77

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001052 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001053 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001054 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001055 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001056 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 78

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001057 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001058 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001059 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001060 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001061 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 79

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001062 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001063 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001064 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001065 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001066 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 80

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001067 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001068 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001069 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001070 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001071 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 81

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001072 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001073 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001074 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001075 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001076 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 82

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001077 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001078 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001079 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001080 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001081 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 83

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001082 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001083 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001084 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001085 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001086 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 84

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001087 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001088 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001089 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001090 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001091 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 85

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001092 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001093 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001094 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001095 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001096 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 86

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001097 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001098 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001099 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001100 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001101 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 87

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001102 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001103 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001104 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001105 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001106 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 88

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001107 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001108 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001109 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001110 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001111 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 89

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001112 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001113 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001114 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001115 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001116 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 90

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001117 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001118 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001119 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001120 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001121 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 91

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001122 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001123 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001124 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001125 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001126 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 92

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001127 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001128 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001129 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001130 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001131 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 93

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001132 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001133 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001134 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001135 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001136 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 94

*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SOURCE ID = L0001137 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001138 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001139 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001140 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001141 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

*** AERMOD - VERSION 16216r ***
 *** AERMET - VERSION 16216 ***

*** C:\AERMOD\STSL_PM25\STSL_PM25.isc

*** 04/15/18
 *** 22:12:33
 *** PAGE 95

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

SOURCE ID = L0001142 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	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 = L0001143 ; 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	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Appendix C – AERMOD RUN – PM2.5

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*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM25\STSL_PM25.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***      ***      ***      22:12:33
*** MODELOPTS:      RegDFAULT CONC ELEV URBAN ADJ_U*      ***      PAGE 96

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

( 479847.6, 3764439.4, 475.3, 717.1, 0.0);      ( 479540.7, 3764440.9, 489.8, 700.6, 0.0);
( 479496.3, 3764525.2, 499.0, 700.6, 0.0);      ( 479402.5, 3764370.1, 496.9, 700.6, 0.0);
( 479340.4, 3764327.5, 501.2, 700.6, 0.0);      ( 479308.4, 3764270.2, 518.9, 700.6, 0.0);
( 480092.7, 3764756.8, 457.7, 700.6, 0.0);      ( 480194.5, 3764744.4, 454.3, 700.6, 0.0);
( 479989.4, 3764770.0, 462.9, 700.6, 0.0);      ( 479173.2, 3763182.0, 598.3, 700.6, 0.0);
( 479160.1, 3763076.1, 583.1, 700.6, 0.0);      ( 479109.3, 3762924.6, 597.3, 700.6, 0.0);
( 479354.8, 3762965.2, 611.6, 700.6, 0.0);      ( 479300.6, 3762848.1, 601.9, 700.6, 0.0);
( 479262.9, 3762780.7, 593.7, 717.1, 0.0);      ( 479293.2, 3762744.9, 592.1, 717.1, 0.0);
( 479255.9, 3762759.4, 593.8, 717.1, 0.0);      ( 479389.5, 3762798.6, 605.8, 716.9, 0.0);
( 479383.7, 3762768.7, 600.9, 717.1, 0.0);

```

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*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM25\STSL_PM25.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:12:33
***                                     ***                                     ***      PAGE 97
*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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[illegible]

1.54, 3.09, 5.14, 8.23, 10.80,

[illegible]

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

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Upper air station no.:    3190
                        Name: UNKNOWN
                        Year:  2012
```

Met Version: 16216

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.		26.7	0.32	3.22	1.00	1.30	110.	9.1	285.4	5.5		
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.		17.9	0.32	3.22	1.00	0.90	130.	9.1	284.5	5.5		
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.		17.9	0.32	3.22	1.00	0.90	100.	9.1	285.0	5.5		
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.		17.9	0.32	3.22	1.00	0.90	107.	9.1	284.6	5.5		
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.		26.7	0.32	3.22	1.00	1.30	98.	9.1	284.9	5.5		
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.		17.9	0.32	3.22	1.00	0.90	86.	9.1	284.5	5.5		
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.		17.9	0.32	3.22	1.00	0.90	91.	9.1	284.0	5.5		
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.		22.9	0.32	3.22	0.54	0.90	107.	9.1	285.0	5.5		
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.		-25.6	0.15	3.22	0.33	2.10	81.	10.1	289.1	5.5		
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.		-1.0	0.32	3.22	0.26	0.40	72.	9.1	295.1	5.5		
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.		-29.4	0.15	3.22	0.23	3.68	78.	10.1	297.9	5.5		
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.		-10.0	0.32	3.22	0.22	1.80	333.	9.1	299.4	5.5		
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.		-10.1	0.32	3.22	0.22	1.80	72.	9.1	300.4	5.5		
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.		-11.2	0.32	3.22	0.24	1.80	277.	9.1	301.0	5.5		
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.		-36.5	0.32	3.22	0.27	2.70	243.	9.1	301.0	5.5		
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.		-17.2	0.32	3.22	0.36	1.30	274.	9.1	300.1	5.5		
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.		19.0	0.32	3.22	0.65	0.90	252.	9.1	298.2	5.5		
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.		18.2	0.32	3.22	1.00	0.90	116.	9.1	296.4	5.5		
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.		45.6	0.15	3.22	1.00	2.27	79.	10.1	292.2	5.5		
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.		18.1	0.32	3.22	1.00	0.90	95.	9.1	290.2	5.5		
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.		18.0	0.32	3.22	1.00	0.90	99.	9.1	287.8	5.5		
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.		18.0	0.32	3.22	1.00	0.90	110.	9.1	287.6	5.5		
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.												

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

158

[illegible][illegible]

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL				***
INCLUDING SOURCE(S):		EQUIPMENT	L0000763	L0000764	L0000765	L0000766
L0000767	L0000768	L0000769	L0000770	L0000771	L0000772	L0000773
L0000775	L0000776	L0000777	L0000778	L0000779	L0000780	L0000781
L0000783	L0000784	L0000785	L0000786	L0000787	L0000788	L0000789

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

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479847.56	3764439.44	0.02025	(13120724)	479540.71	3764440.90	0.01222	(13120724)
479496.31	3764525.20	0.01059	(13120724)	479402.50	3764370.08	0.00879	(13120724)
479340.40	3764327.53	0.00867	(16010524)	479308.42	3764270.19	0.00868	(16010524)
480092.73	3764756.82	0.01538	(13120724)	480194.48	3764744.40	0.01579	(16122624)
479989.38	3764770.04	0.01783	(13120724)	479173.17	3763182.04	0.00952	(13012524)
479160.11	3763076.12	0.01064	(13012524)	479109.27	3762924.65	0.01065	(13012524)
479354.82	3762965.22	0.01243	(13012524)	479300.61	3762848.13	0.01068	(13012524)
479262.88	3762780.70	0.00970	(13012524)	479293.24	3762744.92	0.00895	(13012524)
479255.94	3762759.45	0.00938	(13012524)	479389.48	3762798.59	0.00939	(13012524)
479383.66	3762768.69	0.00880	(13012524)				

Appendix C – AERMOD RUN – PM2.5

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*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM25\STSL_PM25.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:12:33
***                                     ***                                     ***      PAGE 100

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*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

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GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS 0.02025	ON 13120724: AT (	479847.56, 3764439.44, 475.30, 717.13,	0.00)	DC

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

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Appendix C – AERMOD RUN – PM2.5

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*** AERMOD - VERSION 16216r ***      *** C:\AERMOD\STSL_PM25\STSL_PM25.isc      ***      04/15/18
*** AERMET - VERSION 16216 ***      ***                                     ***      22:12:33
                                                                                                     ***      PAGE 101

*** MODELOPTs:   RegDFault  CONC  ELEV  URBAN  ADJ_U*

*** 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          388 Informational Message(s)

A Total of          43848 Hours Were Processed

A Total of           191 Calm Hours Identified

A Total of           197 Missing Hours Identified (  0.45 Percent)

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

***** WARNING MESSAGES *****
ME W186   2419      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used      0.50
ME W187   2419      MEOPEN: ADJ_U* Option for Low Winds used in AERMET

*****
*** AERMOD Finishes Successfully ***
*****
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APPENDIX D

HARP FILES

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

8	ALL	480092.73	3764756.82	8.89E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL	480194.48	3764744.04	8.84E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL	479989.38	3764770.04	9.50E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL	479173.17	3763182.04	1.54E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL	479160.11	3763076.12	1.49E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL	479109.27	3762924.65	1.29E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL	479354.82	3762965.22	1.39E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL	479300.61	3762848.13	1.29E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL	479262.88	3762780.7	1.25E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	479293.24	3762744.92	1.23E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL	479255.94	3762759.45	1.23E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL	479389.48	3762798.59	1.26E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL	479383.66	3762768.69	1.24E-06	75434	DIClFluorMethar	0.00E+00	30YrCancerDerived_inhSolDermMMik_FAH16to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	479847.56	3764439.44	0.00015615	75092	Methylene Chlor	3.39E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	3.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
2	ALL	479540.71	3764440.9	0.00015241	75092	Methylene Chlor	3.31E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	3.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
3	ALL	479496.31	3764525.2	0.00012881	75092	Methylene Chlor	2.79E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
4	ALL	479402.5	3764370.08	0.00014266	75092	Methylene Chlor	3.09E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
5	ALL	479340.4	3764327.53	0.00013028	75092	Methylene Chlor	2.83E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	2.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
6	ALL	479308.42	3764270.19	0.00010935	75092	Methylene Chlor	2.37E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	2.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
8	ALL	480092.73	3764756.82	8.89E-06	75092	Methylene Chlor	8.66E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	8.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
8	ALL	480194.48	3764744.04	8.84E-06	75092	Methylene Chlor	8.52E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	8.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
9	ALL	479989.38	3764770.04	9.50E-06	75092	Methylene Chlor	9.16E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	9.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
10	ALL	479173.17	3763182.04	1.54E-06	75092	Methylene Chlor	1.49E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
11	ALL	479160.11	3763076.12	1.49E-06	75092	Methylene Chlor	1.44E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
12	ALL	479109.27	3762924.65	1.29E-06	75092	Methylene Chlor	1.25E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
13	ALL	479354.82	3762965.22	1.39E-06	75092	Methylene Chlor	1.34E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
14	ALL	479300.61	3762848.13	1.29E-06	75092	Methylene Chlor	1.24E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
15	ALL	479262.88	3762780.7	1.25E-06	75092	Methylene Chlor	1.20E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
16	ALL	479293.24	3762744.92	1.23E-06	75092	Methylene Chlor	1.18E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
17	ALL	479255.94	3762759.45	1.23E-06	75092	Methylene Chlor	1.18E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
18	ALL	479389.48	3762798.59	1.26E-06	75092	Methylene Chlor	1.21E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
19	ALL	479383.66	3762768.69	1.24E-06	75092	Methylene Chlor	1.20E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
1	ALL	479847.56	3764439.44	6.41E-05	100414	Ethyl Benzene	3.46E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
2	ALL	479540.71	3764440.9	6.26E-05	100414	Ethyl Benzene	3.38E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	3.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
3	ALL	479496.31	3764525.2	5.29E-05	100414	Ethyl Benzene	2.85E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	2.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
4	ALL	479402.5	3764370.08	5.86E-05	100414	Ethyl Benzene	3.16E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	3.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
5	ALL	479340.4	3764327.53	5.35E-05	100414	Ethyl Benzene	2.89E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	2.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
6	ALL	479308.42	3764270.19	4.49E-05	100414	Ethyl Benzene	2.42E-10	30YrCancerDerived_inhSolDermMMik_FAH16to70	2.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
7	ALL	480092.73	3764756.82	1.64E-05	100414	Ethyl Benzene	8.84E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	8.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
8	ALL	480194.48	3764744.04	1.61E-05	100414	Ethyl Benzene	8.70E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	8.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
9	ALL	479989.38	3764770.04	1.73E-05	100414	Ethyl Benzene	9.35E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	9.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
10	ALL	479173.17	3763182.04	2.82E-06	100414	Ethyl Benzene	1.52E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
11	ALL	479160.11	3763076.12	2.72E-06	100414	Ethyl Benzene	1.47E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
12	ALL	479109.27	3762924.65	2.36E-06	100414	Ethyl Benzene	1.27E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
13	ALL	479354.82	3762965.22	2.54E-06	100414	Ethyl Benzene	1.37E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
14	ALL	479300.61	3762848.13	2.35E-06	100414	Ethyl Benzene	1.27E-11	30YrCancerDerived_inhSolDermMMik_FAH16to70	1.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0	

