Appendix 10

Supplemental Air Quality Analysis

SUPPLEMENTAL AIR QUALITY ANALYSIS

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EXECUTIVE SUMMARY

Air Quality – General

Air pollutant emissions were calculated for the proposed emergency generators and boilers at the NEIDL. The generator emissions were based on operating two units the maximum allowed 300 hours per year, and the boiler emissions were based on the equipment being required to meet the building's heating and hot water load. The project proponent plans to utilize the Trigen steam plant on Kneeland Street to provide steam to heat the building and provide hot water, with the proposed on-site boilers as backup units.

A range of emissions that the Trigen plant may generate to provide energy to the NEIDL were estimated, with the lowest emission rates assuming natural gas is used by Trigen to generate the steam and the highest emission rates assuming oil as the fuel. The use of Trigen to provide heat and hot water for the NEIDL will likely result in higher emissions than if the project's boilers were used. The additional air pollution emissions that Trigen would generate to provide heat and hot water to the NEIDL building will not result in adverse air quality effects, and these emissions are already accounted for in Trigen's Massachusetts DEP air quality permit.

Air Quality – Building Design

NEIDL will be designed with a redundant mechanical ventilation and HEPA filtration system for treating air prior to its release outside of the laboratory. HEPA filters used at NEIDL will be decontaminated in place following a strict decontamination protocol. The decontamination process will not have any adverse effects on air quality.

During the design process for NEIDL, all possible failure modes of mechanical systems and design components for the building were identified in a procedure similar to a fault-tree analysis. The health and safety protection elements of the laboratory design have built-in redundancies to ensure essentially zero risk of failure for NEIDL safety features.

Other Issues -Cumulative Air Quality Impacts

An air quality dispersion modeling analysis was performed for the proposed generators, boilers, and laboratory vents at the NEIDL in accordance with the U.S. EPA and Massachusetts Department of Environmental Protection (DEP) modeling guidelines. The EPA ISC-PRIME model was used for the analysis with downwash parameters calculated with BPIP-PRM. Modeling of criteria air pollutants from the NEIDL sources, and other interacting sources identified by the Massachusetts DEP, were modeled for locations within one mile of the project. The maximum cumulative air quality effects were added to background concentrations and the total concentrations were compared to the Massachusetts and National Ambient Air Quality Standards (NAAQS). Maximum cumulative 24-hour and annual VOC concentrations were compared to Massachusetts TELs and AALs for existing and proposed sources immediately surrounding the project.

The dispersion modeling results demonstrate that the maximum cumulative concentrations of criteria air pollutants from the proposed boilers and generators, modeled with the existing interactive sources, and with background air pollutant concentrations added, will be safely in compliance with the NAAQS for all of the criteria air pollutants analyzed: nitrogen dioxide (NO_2), sulfur dioxide (SO_2), coarse particulate matter (PM_{10}), fine particulate matter ($PM_{2.5}$), and carbon monoxide (CO). The NAAQS were established to protect public health and welfare, with a margin for safety.

The dispersion modeling results demonstrate that the maximum cumulative concentrations of VOC from the laboratory exhaust stacks, modeled with the existing and proposed laboratories in the BioSquare Research Park, will be safely in compliance with the Massachusetts DEP 24-hour average Threshold Exposure Limits (TELs) and annual average Allowable Ambient Limits (AALs) . The TELs and AALs were established by the Massachusetts DEP as concentrations that an individual source of air pollution should not exceed to protect public health, with a margin for safety.

Other Issues - Environmental Justice

At the suggestion of EPA, a cumulative impact analysis was performed for all DEP-registered sources within one mile of the proposed site, using an EPA refined dispersion model to predict air concentrations for both criteria and non-criteria pollutants at receptors covering the area circumscribed by a 1-mile radius from the site. The large receptor network used for the dispersion modeling covers not only the South End, a portion of which was identified as an environmental justice (EJ) area in the DEIS, but also some of the Roxbury and North Dorchester sections of Boston that are classified by MA DEP as EJ areas.

The results of the dispersion modeling demonstrate that air concentrations from NEIDL operations and construction will be insignificant for all pollutants in the EJ areas of Roxbury and North Dorchester and are also far below the maximum levels that would occur on the site property line. And, even those maximum property line levels are safely in compliance with the NAAQS, TEL, and AAL health criteria. Operation of the NEIDL will not result in adverse human health effects or negative environmental consequences in any of the EJ areas near the proposed NEIDL site. None of the extremely low air concentrations of particulate matter or VOC compounds predicted in the analysis of NEIDL operations and construction would aggravate asthma in persons living near the site. The NEIDL will comply with EPA's policy regarding environmental justice.

AIR QUALITY - GENERAL

The air pollutant emissions associated with the operation of the NEIDL were calculated. The expected design is for the building to obtain energy for heating and hot water from the Trigen (Boston Energy Corporation) Steam Plan located at 165 Kneeland Street, approximately 2 km northeast of the project site. The annual heat and hot water energy load for the building was estimated by Hemisphere Engineering to be approximately 4.89 x 10^{10} Btu. The annual emissions associated with satisfying the heating and hot water load for the building are shown in Table 1.

Trigen Generated Emissions

The annual energy necessary for Trigen to provide steam to the facility was estimated to be 9.78 x 10^{10} Btu, twice the building's heating and hot water load value, assuming a 50% net efficiency for creating the steam and transporting the steam to the project.

The Trigen Kneeland Street air quality operating permit was reviewed to determine the allowable emission rates for various air pollutants at the steam plant. Trigen creates steam with four different boilers and may use natural gas or oil to operate the various boilers. The emission rate for Trigen will depend on which boiler and what fuel are used to create the steam. Annual air pollutant emission rates for Trigen are presented in Table 1 as a range, with the lowest emissions associated with the firing of natural gas and the highest emissions associated with oil-firing to create the steam.

On-Site Generated Emissions

The NEIDL is being designed to have 900 Hp and 500 Hp backup gas-fired boilers and three 1,750 kW diesel-fired emergency generators (only two would operate at any given time, with the third as a backup unit). The potential emissions from this on-site equipment were calculated. The boiler emissions for all pollutants were calculated using AP-42 emission factors for gas-firing (Section 1.4) and the emissions from the generators were based on AP-42 Section 3.4 (for SO_2) and vendor

emissions data (for the other criteria air pollutants). The generator and boiler emissions shown in Table 1 are maximum annual amounts that assume the two emergency generators operate the maximum allowable 300 hours per year and that the boilers are required to provide the entire annual building heating and hot water load due to the non-availability of Trigen. Actual annual emissions from the on-site equipment are expected to be much less than what is shown in Table1.

The emissions information in Table 1 show that the use of Trigen for the heating and hot water requirements for the building will result in higher air pollution emissions than if the on-site boilers were used. The primary reasons for this are the net loss of energy that occurs from transporting the steam from the Trigen steam plant to the laboratory and the higher emission rates for the Trigen equipment. The increased air pollutant emissions from Trigen that would result from it supplying the project with steam would not have an adverse air quality impact on any location. The permitting process for a large fuel combustion facility such as Trigen includes detailed air pollution modeling to demonstrate that the facility operating at its maximum potential load will not result in any exceedances of Massachusetts and National Ambient Air Quality Standards (NAAQS) at any location. Cumulative air quality dispersion modeling performed for the NEIDL and interacting sources (including Trigen), described later in this document, confirms that the maximum cumulative air quality effects, from the NEIDL and sources within one mile of the NEIDL, will comply with the NAAQS at all locations near the project.

AIR QUALITY - BUILDING DESIGN

Air Filtration

NEIDL will be designed with a redundant mechanical ventilation and HEPA filtration system for treating air prior to its release outside of the laboratory. NIH design guidelines require that HEPA filters be configured in the ventilation system so that they can be isolated for individual unit testing or decontamination.[1] When one filter is being tested or decontaminated, a second HEPA filter will always be in service to ensure that exhaust air is treated to meet NIH BSL-4 requirements. The ventilation design for the facility includes fail-safe controls so that no contaminated air can bypass both HEPA filters.

The HEPA filters are designed to be resistant to moisture and the low level of solvents present in laboratory exhaust. In compliance with CDC requirements and National Science Foundation (NSF) Standard 49 procedures, all HEPA filters would be tested and certified at least once per year,[2] and if any degradation of the filter is found it will be replaced. CDC requires that the HEPA filter design allow for *in situ* decontamination of the filter prior to removal and/or removal in a sealed container for transport and disposal off-site. HEPA filters used at NEIDL will be decontaminated in place following a strict decontamination protocol. Depending on the exposure history of the unit, decontamination will utilize either hydrogen peroxide gas or formaldehyde gas. The decontamination process is carried out in a sealed room, maintained under negative pressure so that the sterilizing gas does not escape to the environment before it is neutralized. Hydrogen peroxide vapor decontamination of HEPA filters is a relatively quick technique that can be used for BSL-4 laboratory filters. It decomposes to oxygen and water vapor and leaves no residues in the filter. The other decontamination method utilizes formaldehyde gas to sterilize the filter element, followed by neutralization with ammonia vapors. The neutralization process leaves a harmless solid residue of hexamine on the filter, and purging of the decontamination space after neutralization may release small amounts of hexamine into the air. Hexamine is used as an antiseptic and antibacterial agent

[1] National Institute of Health, Office of Research Facilities, "Design Policy and Guidelines, Biomedical Research Laboratories," 2003, page D.22.
[2] Centers for Disease Control, Office of Health and Safety, "Laboratory Biosafety Level Criteria," for a Biosafety Level-4 Laboratory Facility, Requirement 15, November 2000.

and is harmless at the low concentrations that might occur in ventilation air for a short period of time. The selection of the decontamination approach would depend on the microbiological agents that were filtered out by the HEPA filter. No toxic releases will be made to the outside environment from the decontamination room. Following decontamination, the HEPA filter would be sealed in an air-tight container for shipment and disposal off-site.

During the design process for NEIDL, all possible failure modes of mechanical systems and design components for the building were identified in a procedure similar to a fault-tree analysis. The health and safety protection elements of the laboratory design have built-in redundancies to ensure essentially zero risk of failure for NEIDL safety features.

OTHER ISSUES – CUMULATIVE IMPACT

A refined air quality impact analysis was performed to determine the worst-case air quality effects from the proposed National Emerging Infectious Disease Laboratory (NEIDL) at the Boston University Medical Center Campus in Boston. This analysis determined the maximum air concentrations from NEIDL operations alone and the cumulative effects from the NEIDL and other significant sources of air pollution within one mile of the NEIDL (interacting sources were identified by the Massachusetts DEP). The EPA ISC-PRIME model (version 04269) was used for the cumulative air quality impact analysis.

Refined dispersion modeling was performed to predict air concentrations for the criteria air pollutants emitted by the project's emergency generators and backup boilers: nitrogen dioxide (NO_2), sulfur dioxide (SO_2), coarse particulate matter (PM_{10}), fine particulate matter ($PM_{2.5}$), and carbon monoxide (CO). In addition, an air quality impact analysis was performed for volatile organic compounds (VOC) that may be emitted from the NEIDL laboratory exhaust vents. The dispersion modeling followed EPA and Massachusetts Department of Environmental Protection's (DEP) established dispersion modeling analysis procedures.

The air quality impact analysis for the proposed combustion sources at the NEIDL and the interacting sources demonstrates that the air quality effects from the facility will be very small, and the cumulative effects from the facility and the existing interactive sources will be safely in compliance with the Massachusetts and National Ambient Air Quality Standards (NAAQS). The NAAQS were established to protect public health and welfare with an adequate margin for safety. Similarly, the air quality effects of the facility's laboratory stacks will be very small, and the cumulative effects from the facility and other existing and planned laboratories in its immediate vicinity (within the BioSquare Research Park) will be in compliance with the Massachusetts DEP 24-hour average Threshold Exposure Limits (TELs) and annual average Allowable Ambient Limits (AALs) for Ambient Air. The TELs and AALs have been designed by the Massachusetts DEP as concentrations that an individual source of air pollution should not exceed to protect public health with a margin for safety. There are no federal ambient air quality standards for VOC (noncriteria) air pollutants.

Good Engineering Practice (GEP) Stack Height Analysis

The NEIDL generators, boilers and laboratory stacks were conservatively modeled with the minimum design height of ten feet above the main building roof top. Each of these stacks will be subject to aerodynamic building downwash from the NEIDL building and surrounding buildings.

The EPA Building Profile Input Program for ISC-PRIME (BPIP-PRM) (version 04274) was used to calculate the GEP stack height for each of the NEIDL stacks and to calculate the direction-dependent building downwash parameters for these stacks for the ISC-PRIME model. Building downwash was modeled for all of the NEIDL sources. The BPIPPRM analysis included the NEIDL building (including the higher tier on the southwest side of the building roof and the penthouse on the northwest side of the building roof), the existing Evans Research Building, and the proposed BioSquare Research Park Buildings E and G. Other buildings were determined to be too far from the NEIDL and/or too short to influence the NEIDL stacks with downwash. The BPIPPRM summary output files in the Air Quality Appendix show the downwash parameters calculated with BPIPPRM that are required by the ISC-PRIME model to model building downwash effects.

The GEP stack height for each stack was calculated based on the layout of the nearby existing and proposed buildings. The GEP stack height is equal to the height of the controlling structure plus 1.5 times the lesser of the structure's height or projected width.[3] The controlling building for determining the GEP stack height for the NEIDL stacks is the proposed 150-foot tall BioSquare Research Park Building E. The stacks on the NEIDL would have to be built to a height of 375 feet (2.5 x 150-feet) above ground level to be GEP stacks and be unaffected by building downwash.

Following Massachusetts DEP policy, the interacting sources modeled for the cumulative impact analysis for the criteria air pollutants do not include downwash affects. However, downwash was modeled for the interacting VOC sources located in the BioSquare Research Park (Evans Research Building, Building E, and Building G), in the cumulative VOC impact analysis.

[3] U.S. EPA, Guideline for Determination of Good Engineering Practice Stack Height (Revised), EPA-450/4-80-023R, Office of Air Quality Planning and Standards, June 1985, Section 1.1.

Stack Exhaust Parameters and Emission Rates

NEIDL

The exhaust from the two generators was conservatively modeled as coming from one stack. The two boilers were also conservatively modeled as one source. All VOC emissions from the NEIDL were conservatively considered to be emitted from one stack (the radioisotope exhaust). Table 2 shows the stack exhaust parameters for each of the modeled NEIDL stacks.

Criteria Air Pollutant Emissions – The NEIDL proposes to contract with the Trigen steam plant on Kneeland Street to provide steam for heating and hot water. The plans for the NEIDL include two 1,750 kW diesel-fired emergency generators (three units with one dedicated as a standby unit) and two boilers for heating to serve a backup units in the event of a loss of the connection to the Trigen steam plant. Therefore, under normal operations the project's generators and boilers will only be operated a minimal amount for testing purposes. The maximum emission rates for the generators and boilers were used for the modeling of short-term periods (24-hour averages or less). For modeling of annual averages, the modeled criteria air pollutant emission rates were based on the maximum annual usage of 300 hours for each generator and the usage necessary to satisfy the annual building heating and hot water load for the boilers.

Criteria air pollutant emission rates for the two generators, for all criteria air pollutants except SO_2, were based on vendor data for a Caterpillar Model DM4685, 1,750 kW generator. The SO_2 emissions for the generator were based on Table 3.4-1 in AP-42 assuming 0.05% sulfur diesel fuel. Criteria air pollutant emissions for the NEIDL gas-fired boilers were based on Section 1.4 of AP-42. Table 3 shows the short-term and annual emission rates for the NEIDL generators and boilers.

VOC Emissions - The laboratory emissions of VOC from NEIDL will be less than 2,000 pounds per year. To be conservative, the emissions for the laboratory VOC were assumed to be 2,000 pounds divided over a year (0.029 grams/second). This emission rate was applied to both the 24-hour and annual average modeling of VOC. Waste disposal records for existing facilities in the Biosquare Research Park indicates that VOC to be used at the NEIDL will primarily consist of acetone, ethanol

(alcohol), and toluene. To be conservative, the VOC dispersion modeling analysis was performed for each of these VOC, assuming the entire annual emissions were each of the three VOC species (i.e. each of the three VOC were assumed to be emitted at the rate of 0.029 gram/second).

Interacting Sources

Criteria Air Pollutant Emissions - The interacting sources of NO_x, SO_2, PM_{10}, PM_{10}, and CO were modeled with the NEIDL sources to predict cumulative air quality effects. Stack parameters and potential emissions rates for these interacting sources were provided by the Massachusetts DEP.[4] The Massachusetts DEP provided modeling data for all sources (eleven sources) of the modeled air pollutants within one mile of the NEIDL. The potential emission rates modeled represent the maximum allowable emission rates for each source. Table 3 includes a listing of the modeled emission rate for each interacting source. Figure 1 identifies the locations of each of the eleven interacting sources.

VOC Emissions - The surrounding buildings in the BioSquare Research Park, including the existing Evans Research Building and the proposed BioSquare Research Park Buildings E and G were also assumed to have annual laboratory VOC emissions limited to 2,000 pounds per year (0.029 grams/second). This is a conservative approach in that the Massachusetts TELs and AALs, that the VOC modeling results are compared to, are meant to be applied to individual sources and not cumulatively.

Background Air Quality

Existing background concentrations of criteria air pollutants at the NEIDL site were estimated using Massachusetts DEP air monitoring data obtained from the U.S. EPA Air Quality System (AQS) for the most recent, complete three-year period (2001 – 2003).[5] All of the monitoring data, except PM_{10}, are from air monitors located on Harrison Avenue at Dudley Square, approximately one-half

[4] Massachusetts DEP, E-mail correspondence from Boisselle, Robert (DEP) [Robert.Boisselle@state.ma.us], RE: Request for Radius report for Dispersion Modeling, February 4 and 7, 2005.
[5] U.S. EPA, AirData Monitor Values, Internet address: www.epa.gov/air/data.

mile southwest of the site. The PM_{10} background were obtained from a monitor located on Southampton Street, less than one-half mile east of the site. Table 4 summarizes the background air pollutant concentrations determined from the Massachusetts DEP monitoring data. The background concentrations represent the existing impacts from the diverse air pollution sources in the Boston area, including the interacting source that are included in the modeling analysis.

Dispersion Modeling Results

Dispersion Model and Meteorological Data

Refined dispersion modeling was performed with the EPA ISC-PRIME model (version 04269). Five years (1995-1999) of hourly meteorological data were used for the analysis. The hourly meteorological data were processed with the PCRAMMET program, utilizing hourly surface meteorological data from Logan Airport and twice-daily mixing height data from Chatham, Massachusetts. Summary output files from the ISC-PRIME model are included in the Air Quality Appendix. The urban land use option was selected in the ISC-PRIME model.

The ISC-PRIME model was chosen to perform the refined modeling because the PRIME downwash computer code that is incorporated in ISC-PRIME is considered to be a significant improvement to the downwash algorithms that are in the ISCST3 model. Another advantage of the ISC-PRIME model is that it allows predictions of pollutant concentrations within the downwash cavities of structures that may affect the stack. The refined dispersion modeling included the direction-dependent structure dimensions for downwash modeling of the NEIDL sources, calculated with the BPIPPRM.

Model Receptor Network

A receptor grid containing 601 receptors was used for the dispersion modeling analysis. This grid only included locations available to the general public, i.e., locations outside the secure perimeter surrounding the NEIDL, made up of the following:

- A polar receptor grid of 576 receptors, at ten degree intervals, with 100 meter spacing at distances between 100 and 1,600 meters from the center of the NEIDL. These receptors are shown in Figure 1. Flagpole heights were set equal to zero (ground level) for these receptors.

- Ten of the receptors included in RWDI's wind tunnel analysis of the NEIDL. These are the ten receptors that are located outside the secure perimeter. These receptor are shown but not identified in Figure 2. These receptors used flagpole heights provided by RWDI.

- Fifteen receptors at 50 meter spacing along the secure perimeter surrounding the project. These receptor are shown but not identified in Figure 2. Flagpole heights were set equal to zero (ground level) for these receptors.

All receptor elevations were conservatively determined from digital US Geological Survey (USGS) maps (30-meter DEM files) by taking the highest elevation within a rectangle around each receptor whose sides equal the receptor spacing.

Modeling Results

The dispersion modeling of criteria and VOC air pollutants demonstrates that the NEIDL will not have an adverse effect on air quality.

Criteria Air Pollutants - The maximum cumulative concentrations of criteria air pollutants are shown in Table 5. The maximum cumulative concentrations, including background levels for all pollutants and averaging periods, are predicted to be safely in compliance with the NAAQS. For CO, the maximum air quality effects are a result of the NEIDL. Table 6 shows the maximum predicted air quality effects from the NEIDL alone. These air concentrations are much lower than the cumulative values and show that the NEIDL will have a very small effect on air quality. Generally, the maximum predicted air concentrations for the criteria air pollutants occurred 500

meters and farther from the NEIDL; while the maximum predicted NEIDL effects occurred within 100 meters of the facility (see Figures 3 and 4).

VOC - The maximum cumulative VOC concentrations are shown in Table 7. In a conservative approach, the entire VOC emissions for the NEIDL were modeled as acetone, ethanol, and toluene. Interacting sources include the existing Evans Research Center and the proposed BioSquare Research Park Laboratory Buildings E and G in the immediate vicinity of the NEIDL. Table 7 shows that the maximum cumulative concentrations for these pollutants are safely in compliance with the Massachusetts TELs (24-hour averages) and AALs (annual averages). Table 8 shows the maximum predicted VOC levels for the NEIDL alone. These values are lower than the cumulative effects and are safely in compliance with the TELs and AALs for the modeled VOC. The maximum cumulative and NEIDL VOC concentrations occurred within 100 meters of the NEIDL (see Figures 3 and 4).

OTHER ISSUES – ENVIRONMENTAL JUSTICE

According to U.S. EPA regulations[6], environmental justice (EJ) means:

- The fair treatment of people of all races, cultures and incomes with respect to the development, implementation and enforcement of environmental laws, regulations, programs and policies;
- That no racial, ethnic or socioeconomic group should bear a disproportionate share of the ***negative environmental consequences*** [emphasis added] resulting from the operation of industrial, municipal and commercial enterprises and from the execution of federal, state and local programs and policies; and
- That communities, private industries, local governments, states, tribes, federal government, grass roots organizations and individuals act responsibly and ensure environmental protection to all communities.

U.S. EPA has two goals[7] in regards to environmental justice:

1. EPA's first goal is to ensure that no segment of the population, regardless of race, color, national origin, or income, suffers disproportionately from ***adverse human health or environmental effects*** [emphasis added] as a result of EPA's policies, programs and activities.
2. EPA's second goal is to ensure that those who must live with environmental decision must have every opportunity for public participation in the making of those decisions.

Ensuring that a new facility complies with EPA's policy regarding environmental justice begins with identifying what, if any, "adverse human health effects" or "negative environmental consequences" the proposed project may have on the surrounding community. At the suggestion of EPA, a cumulative impact analysis was performed for all DEP-registered sources within one mile of the proposed site, using an EPA refined dispersion model to predict air concentrations for both criteria and non-criteria pollutants at receptors covering the area circumscribed by a 1-mile radius from the site. Details of the cumulative impact modeling are given in the previous section. The large receptor network covers not only the South End, a portion of which was identified as an EJ area in the DEIS, but also some of the Roxbury and North Dorchester sections of Boston that are classified by Massachusetts DEP as EJ areas.

[6] 58 Federal Register 63955, December 3, 1993.
[7] U.S. EPA, Draft Environmental Justice Strategy for Executive Order 12898, January 1995.

Maximum air concentrations for NEIDL operations occur at locations on or immediately adjacent to the NEIDL property line (see Figure 2). None of these highest concentrations occur in any EJ residential area. These maximum concentrations are presented in Tables 9 and 10 alongside the highest predicted levels from NEIDL in the EJ areas of Roxbury and North Dorchester. EPA thresholds for insignificant effects are also presented for comparison.[8]

The results in Tables 9 and 10 demonstrate that air concentrations from NEIDL operations are insignificant for all pollutants in the EJ areas of Roxbury and North Dorchester and are also far below the maximum levels that would occur on the site property line. And, even those maximum property line levels are safely in compliance with the NAAQS, TEL and AAL health criteria, as documented in Tables 5 through 8. EPA established the NAAQS to protect public health and welfare against all know adverse effects (including aggravation of asthma) with a margin of safety. Similarly, the Massachusetts DEP set the TEL and AAL guidelines to ensure insignificant health risk for all known effects with a margin of safety for non-criteria pollutants. Thus, there are no adverse human health effects or negative environmental consequences in any of the EJ areas near the proposed NEIDL site. In addition, Figures 3 and 4 show that the highest air pollution effects of NEIDL operations occur in institutional and commercial areas of the South End, and there is no disproportionate share of either the singular effects from the NEIDL project or the cumulative effects from all sources on EJ residential areas within one mile of the site.

A separate air quality modeling analysis was performed for site construction. During construction, temporary emissions will occur from construction vehicles on the site and earth-moving activities. The peak for these emissions will be in the excavation phase when four heavy-duty vehicles will be working on the site. In accordance with Massachusetts regulations, construction operations will be conducted in a manner not to cause a condition of air pollution, and mitigation measures will be implemented to control fugitive dust, including wet suppression of exposed areas, periodic street cleaning near the site entrances, secure covers on all dump trucks, and fencing around the site. Using the EPA MOBILE and SCREEN3 models, total particulate matter (PM_{10}) concentrations from

[8] For the three VOC compounds, the significance threshold is assumed to be 1/100 of the Massachusetts DEP TEL or AAL health criteria. Since those DEP criteria themselves represent insignificant health risk, the significance threshold used in this EJ analysis is very conservative.

diesel exhaust and earth-moving operations were predicted for receptors on the site and in the nearest residential area to the north (East Canton Street), which is part of the South End EJ area.

Maximum predicted 24-hour PM_{10} levels from construction activity are 19 $\mu g/m^3$ at the site property line and 12 $\mu g/m^3$ at the nearest residence in the nearest EJ area. Adding in a conservative PM_{10} background level of 43 $\mu g/m^3$ (see Table 3), the total concentrations of 62 and 55 $\mu g/m^3$ at the two receptors are safely in compliance with the NAAQS for PM_{10}. If the same emissions are conservatively assumed to be $PM_{2.5}$, the modeling results plus a conservative $PM_{2.5}$ background level of 33 $\mu g/m^3$ (see Table 3) yields total $PM_{2.5}$ concentrations of 52 and 45 $\mu g/m^3$ at the two receptors, and those results are safely in compliance with the NAAQS for $PM_{2.5}$. Results from a refined modeling analysis would be still lower. Since construction emissions are released near ground level, air quality effects occur very close to the site and there would be insignificant effects in other EJ areas (Roxbury and North Dorchester) that are about a mile away. Since EPA established the Particulate Matter NAAQS to protect public health and welfare against all know adverse effects with a margin of safety, including "increased respiratory symptoms for persons with asthma,"[9] there are no adverse human health effects (including aggravation of asthma) or negative environmental consequences in EJ areas near the proposed NEIDL site from project construction. To further ensure protection of public health, the proponent will investigate the feasibility of implementing the Massachusetts Diesel Retrofit Program in the bidding specifications for the construction of the project.

Asthma is a chronic respiratory disease with no known cure. While the cause is unknown in most cases, a past family history of asthma increases the chances of an individual having the disease.[10] Viral infections are the leading cause of acute asthma attacks, followed by exposure to indoor allergens and irritants.[11] Exposure to high levels of industrial chemicals, perfume or gasoline fumes can also trigger an asthma attack, i.e. aggravate asthma. None of the extremely low air concentrations of particulate matter or VOC compounds predicted in the analysis of NEIDL operations and construction would aggravate asthma in persons living near the site. As shown

[9] EPA, "National Ambient Air Quality Standards for Particulate Matter," 61 Federal Register 65638, December 13, 1996.
[10] Centers for Disease Control, National Center for Environmental Health, "Basic Facts About Asthma," October 2003.
[11] EPA, "Asthma Frequent Questions," http://env1.kangwon.ac.kr/project/sdwr2004/litsurv/intwebsites/epa-ost/www.epa.gov/asthma/introduction.html

above, all project effects are insignificant and/or are safely in compliance with EPA and DEP air quality standards and guidelines established to protect public health, including persons with asthma, with a margin of safety.

TABLE 1

SUMMARY OF AIR POLLUTANT EMISSIONS RELATED TO ENERGY USE AT THE PROPOSED NEIDL (TONS/YEAR)

Air Pollutant	Trigen Steam Plant Heating Emissions	On-Site Boiler Heating Emissions	On-Site Emergency Generator Emissions
NO_x	9.8 to 13.7	0.8	15.6
CO	7.3 to 7.8	2.1	0.3
SO_2	0.3 to 58.7	< 0.1	0.3
PM_{10}	0.5 to 5.9	0.2	0.1
$PM_{2.5}$	0.5 to 5.7	0.2	0.1
VOC	0.3	0.1	0.5

Trigen (Kneeland Street) emissions are presented as a range; with the lower emission values associated with gas-firing and the higher emission values associated with oil-firing. Trigen emissions are based on the NEIDL's expected annual building heating and hot water load with a 50% efficiency factor.

On-site boiler emissions are calculated based on the assumption that they satisfy the same annual heat and hot water load as the Trigen Steam Plant.

On-site generator emissions are calculated based on two 1,750 kilowatt units, each operating for 300 hours per year, assuming diesel fuel with 0.05% sulfur.

TABLE 2

MODELED STACK PARAMETERS FOR NEIDL SOURCES

Stack Parameter	Generators	Boilers	Laboratory
Stack Height Above Ground Level	121 feet (36.9 m)	121 feet (36.9m)	121 feet (36.9m)
Stack Exit Diameter	17 inches (0.43 m)	28 inches (0.71 m)	7.5 inches (0.19 m)
Stack Velocity	145.7 ft/s (44.4 m/s)	49.2 ft/s (15 m/s)	65.2 ft/s (19.9 m/s)
Stack Temperature	800 ^{o}F (700 ^{o}K)	170 ^{o}F (350 ^{o}K)	77 ^{o}F (298.2 ^{o}K)

The emissions from the two generators were conservatively modeled as being emitted from one stack.

The emissions from the two boilers were conservatively modeled as being emitted from one stack.

All of the VOC emissions from laboratory operations were conservatively assumed to be emitted from the radioisotope area exhaust stack.

All stack heights are conservatively modeled at the minimum design height of 10 feet above the main roof height.

TABLE 3

EMISSION RATES FOR THE AIR QUALITY DISPERSION MODELING OF CRITERIA AIR POLLUTANTS (GRAMS/SECOND)

Source	CO	NO_x	SO_2	PM_{10}	$PM_{2.5}$
NEIDL GENERATORS	0.25/NA	NA/0.45	0.26/0.009	0.11/0.004	0.09/0.003
NEIDL BOILERS	0.67/NA	NA/0.023	0.005/0.0004	0.06/0.005	0.06/0.005
NEW ENGLAND MEDICAL CENTER HOSPITAL	4.23	6.31	1.27	1.35	1.35
FIRST CHURCH OF CHRIST SCIENTIST	1.70	5.99	0.60	0.49	0.49
BOSTON UNIVERSITY MEDICAL CAMPUS	0.35	0.83	0.03	0.03	0.03
BOSTON MEDICAL CENTRE	0.35	1.58	0.29	0.12	0.12
BHA LENOX STREET	0.12	0.46	1.73	0.12	0.12
BHA CAMDEN STREET	0.20	0.26	0.00	0.00	0.00
BOSTON WATER AND SEWER COMMISSION	0.09	13.82	0.17	0.17	0.17
MORGAN SERVICES INC	0.17	0.29	0.00	0.03	0.03
MBTA ALBANY STREET BUS GARAGE	0.26	1.07	0.63	0.09	0.09
PERKIN ELMER LIFE SCIENCES INC	Zero	1.15	0.03	0.00	0.00
TRIGEN STEAM PLANT	59.28	93.23	138.75	27.21	27.21

NA = Not Applicable

Emission rates shown for the NEIDL boilers and generators are for short-term (24-hour average or shorter) and annual air quality impact modeling. The short-term emission rates, shown first, are the expected emission rate for the equipment operating at 100% load; while the annual emission rates are the expected annual emissions divided over the year. The annual emissions for the generators are based on the 300 hours annual limit for these units; while the annual emissions for the boilers were based on meeting the expected annual heating and hot water load for the building. The emissions rates for the other (interactive) sources are potential emission rates provided by the Massachusetts DEP and were assumed to be representative of short-term and annual periods.

The PM_{10} emission rates for the interactive sources were conservatively assumed to equal the PM_{10} emission rates provided by the DEP

TABLE 4

MONITORED BACKGROUND CRITERIA AIR POLLUTANT VALUES USED FOR THE AIR QUALITY IMPACT ANALYSIS ($\mu g/m^3$)

Pollutant, Averaging Period	DEP Monitor Location	Background Value ($\mu g/m^3$)
CO, 1-hour	Harrison Avenue, Boston	5,635
CO, 8-hour	Harrison Avenue, Boston	3,220
NO_2, Annual	Harrison Avenue, Boston	47
PM_{10}, 24-hour	115 Southampton St., Boston	43
PM_{10}, Annual	115 Southampton St., Boston	23
$PM_{2.5}$, 24-hour	Harrison Avenue, Boston	33
$PM_{2.5}$, Annual	Harrison Avenue, Boston	12.5
SO_2, 3-hour	Harrison Avenue, Boston	107.4
SO_2, 24-hour	Harrison Avenue, Boston	62.9
SO_2, Annual	Harrison Avenue, Boston	18.3

Source: EPA, http://www.epa.gov/air/data.

Annual averages are highest measured during the most recent three-year period for which data are available (2001 - 2003). Values for periods of 24-hours or less are highest, second-highest over the three-year period unless otherwise noted.

The 24-hour PM_{10} background value is the 3-year average of the 99th percentile values, the 24-hour $PM_{2.5}$ background value is the 3-year average of the 98th percentile values, the annual $PM_{2.5}$ background value is the 3-year averages of the annual values – these are the values used to determine compliance with the NAAQS for these air pollutants.

TABLE 5

SUMMARY OF MAXIMUM ISC-PRIME PREDICTED CRITERIA AIR POLLUTANT CONCENTRATIONS

CUMULATIVE EFFECTS – ALL SOURCES

Pollutant	Averaging Period	Maximum Cumulative Effect ($\mu g/m^3$)	Background Concentration ($\mu g/m^3$)	Total Cumulative Effect ($\mu g/m^3$)	NAAQS ($\mu g/m^3$)
NO_2	Annual	47.6	47.0	94.6	100
SO_2	3-Hour 24-Hour Annual	178.4 95.3 11.2	107.4 62.9 18.3	285.8 158.2 29.5	1,300 365 80
PM_{10}	24-Hour Annual	21.9 2.2	43.0 23.0	64.9 25.2	150 50
$PM_{2.5}$	24-Hour Annual	21.9 2.2	33.0 12.5	54.9 14.7	65 15
CO	1-Hour 8-Hour	175.0 88.1	5,635 3,220	5,810.0 3,308.1	40,000 10,000

Maximum predicted 3-hour and 24-hour average SO_2 concentrations, and 1-hour and 8-hour average CO concentrations are the highest, second-highest concentrations predicted from the five-year period (1995 – 1999). Maximum predicted 24-hour average PM_{10} and $PM_{2.5}$ concentrations are conservatively chosen as the highest concentrations from the five-year period. Maximum predicted annual concentrations of NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are the highest annual average concentrations from the five-year period. ISC-PRIME model output summaries are included in the Air Quality Appendix.

The maximum predicted cumulative criteria air pollutant effects were predicted to occur more than 500 meters from the NEIDL, except for CO whose maximum predicted impact occurred on the secure perimeter line (see Figure 3).

The total impact for NO_2 includes a NO_x to NO_2 conversion factor of 0.75 (75%).

Background concentrations are summarized in Table 4.

TABLE 6

SUMMARY OF MAXIMUM ISC-PRIME PREDICTED CRITERIA AIR POLLUTANT CONCENTRATIONS

NEIDL EFFECTS

Pollutant	Averaging Period	Maximum NEIDL Effect ($\mu g/m^3$)	Background Concentration ($\mu g/m^3$)	Total NEIDL Effect ($\mu g/m^3$)	NAAQS ($\mu g/m^3$)
NO_2	Annual	2.5	47.0	49.5	100
SO_2	3-Hour 24-Hour Annual	15.1 10.2 0.1	107.4 62.9 18.3	122.5 73.1 18.4	1,300 365 80
PM_{10}	24-Hour Annual	7.5 0.1	43.0 23.0	50.5 23.1	150 50
$PM_{2.5}$	24-Hour Annual	6.7 0.1	33.0 12.5	39.7 12.6	65 15
CO	1-Hour 8-Hour	175.0 88.1	5,635 3,220	5,810.0 3,308.1	40,000 10,000

Maximum predicted 3-hour and 24-hour average SO_2 concentrations, and 1-hour and 8-hour average CO concentrations are the highest, second-highest concentrations predicted from the five-year period (1995 – 1999). Maximum predicted 24-hour average PM_{10} and $PM_{2.5}$ concentrations are conservatively chosen as the highest concentrations from the five-year period. Maximum predicted annual concentrations of NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are the highest annual average concentrations from the five-year period. ISC-PRIME model output summaries are included in the Air Quality Appendix.

The maximum predicted NEIDL criteria air pollutant effects were predicted to occur either on the secured perimeter line or the 100-meter polar receptor ring (see Figure 4).

The total impact for NO_2 includes a NO_x to NO_2 conversion factor of 0.75 (75%).

Background concentrations are summarized in Table 4.

TABLE 7

SUMMARY OF MAXIMUM ISC-PRIME PREDICTED VOC CONCENTRATIONS

CUMULATIVE EFFECTS – ALL SOURCES

VOC	Maximum 24-Hour Cumulative Effect ($\mu g/m^3$)	Massachusetts 24-Hour TEL ($\mu g/m^3$)	Maximum Annual Cumulative Effect ($\mu g/m^3$)	Massachusetts Annual AAL ($\mu g/m^3$)
Acetone	10.5	160.5	2.4	160.5
Ethanol	10.5	51.2	2.4	51.2
Toluene	10.5	80	2.4	20

Modeling conservatively assumes that the NEIDL will emit 2,000 pounds of VOC per year and that all of it is either acetone, ethanol, or toluene.

Cumulative effects include effects from the existing Evans Research Building and the proposed Buildings E and G, at BioSquare Research Park, each emitting 2,000 pounds of VOC as acetone, ethanol, or toluene in a year.

The maximum predicted cumulative VOC concentrations are predicted to occur on the security perimeter line or the 100-meter polar receptor ring (see Figure 3).

TABLE 8

SUMMARY OF MAXIMUM ISC-PRIME PREDICTED VOC CONCENTRATIONS

NEIDL EFFECTS

VOC	Maximum 24-Hour NEIDL Effect ($\mu g/m^3$)	Massachusetts 24-Hour TEL ($\mu g/m^3$)	Maximum Annual NEIDL Effect ($\mu g/m^3$)	Massachusetts Annual AAL ($\mu g/m^3$)
Acetone	4.4	160.5	0.8	160.5
Ethanol	4.4	51.2	0.8	51.2
Toluene	4.4	80	0.8	20

Modeling conservatively assumes that the NEIDL will emit 2,000 pounds of VOC per year and that all of it is either acetone, ethanol, or toluene.

The maximum predicted VOC concentrations for the NEIDL alone are predicted to occur on the security perimeter line (see Figure 4).

TABLE 9

COMPARISON OF MAXIMUM ISC-PRIME PREDICTED NEIDL AIR CONCENTRATIONS FOR CRITERIA POLLUTANTS IN EJ AREAS TO MAXIMUM LEVELS ALONG SITE PROPERTY LINE

Pollutant	Averaging Period	In the Roxbury EJ Area ($\mu g/m^3$)	In the North Dorchester EJ Area ($\mu g/m^3$)	In the South End – Site Property Line ($\mu g/m^3$)	Insignificant Threshold ($\mu g/m^3$)	NAAQS ($\mu g/m^3$)
NO_2	Annual	0.2	0.2	2.5	1.0	100
SO_2	3-Hour 24-Hour Annual	1.3 0.2 0.0005	0.7 0.2 0.0004	15.1 10.2 0.1	25 5 1	1,300 365 80
PM_{10}	24-Hour Annual	0.3 0.0004	0.1 0.0004	7.5 0.1	5 1	150 50
$PM_{2.5}$	24-Hour Annual	0.2 0.0004	0.1 0.0004	6.7 0.1	5 1	65 15
CO	1-Hour 8-Hour	9 2	5 1	175 88	2,000 500	40,000 10,000

TABLE 10

COMPARISON OF MAXIMUM ISC-PRIME PREDICTED NEIDL AIR CONCENTRATIONS FOR VOC COMPOUNDS IN EJ AREAS TO MAXIMUM LEVELS ALONG SITE PROPERTY LINE

Pollutant	Averaging Period	In the Roxbury EJ Area ($\mu g/m^3$)	In the North Dorchester EJ Area ($\mu g/m^3$)	In the South End – Site Property Line ($\mu g/m^3$)	Insignificant Threshold ($\mu g/m^3$)	TEL or AAL ($\mu g/m^3$)
Acetone	24-Hour Annual	0.03 0.001	0.02 0.0007	4.4 0.8	1.6 1.6	160.5 160.5
Ethanol	24-Hour Annual	0.03 0.001	0.02 0.0007	4.4 0.8	0.5 0.5	51.2 51.2
Toluene	24-Hour Annual	0.03 0.001	0.02 0.007	4.4 0.8	0.8 0.2	80 20

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Modeled Interacting Sources:

1 = New England Med. Ctr. Hosp.	2 = First Church of Christ Scientist	3 = Boston Univ. Medical Campus
4 = Boston Medical Centre	5 = BHA Lenox Street	6 = BHA Camden Street
7 = Boston Water & Sewer Comm.	8 = Morgan Services	9 = MBTA Albany St. Bus Garage
10 = Perkin-Elmer Life Sciences	11 = Trigen Steam Plant (Kneeland St.)	

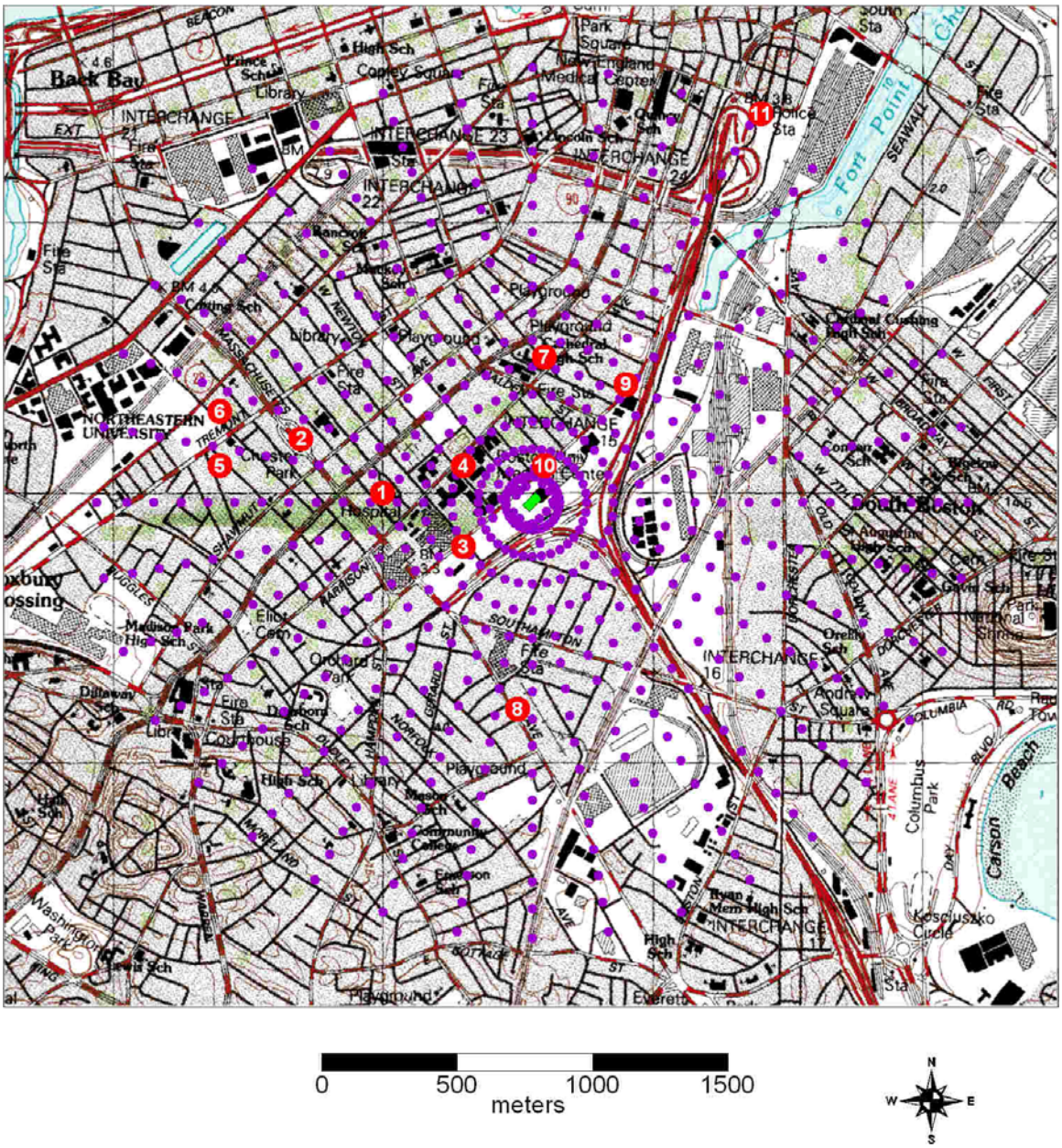

Figure 1. Location of the Proposed NEIDL, Interactive Sources, and the Receptor Grid

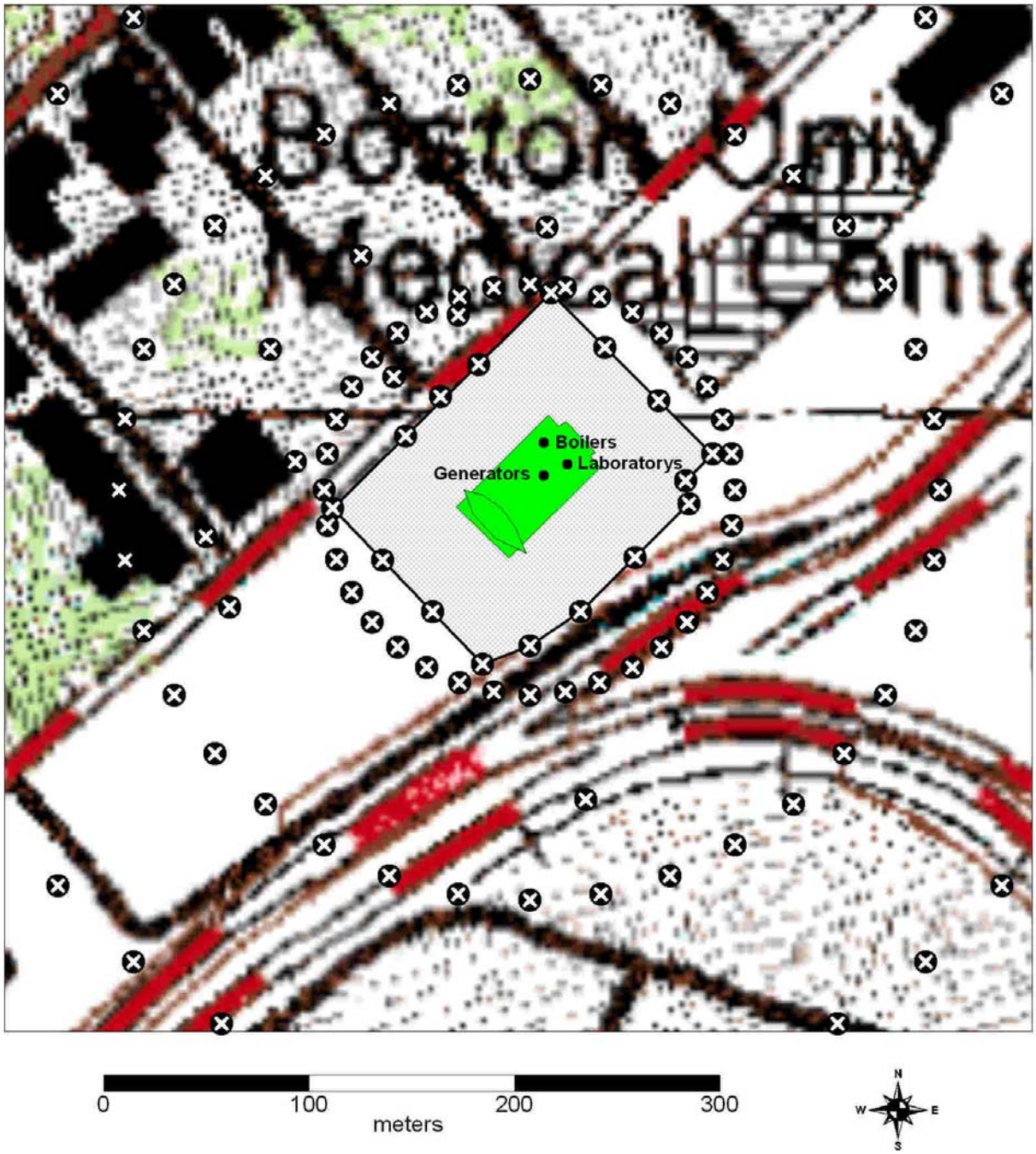

Figure 2. Location of Modeled Generator, Boiler, and Laboratory Stacks and Close-In Receptors

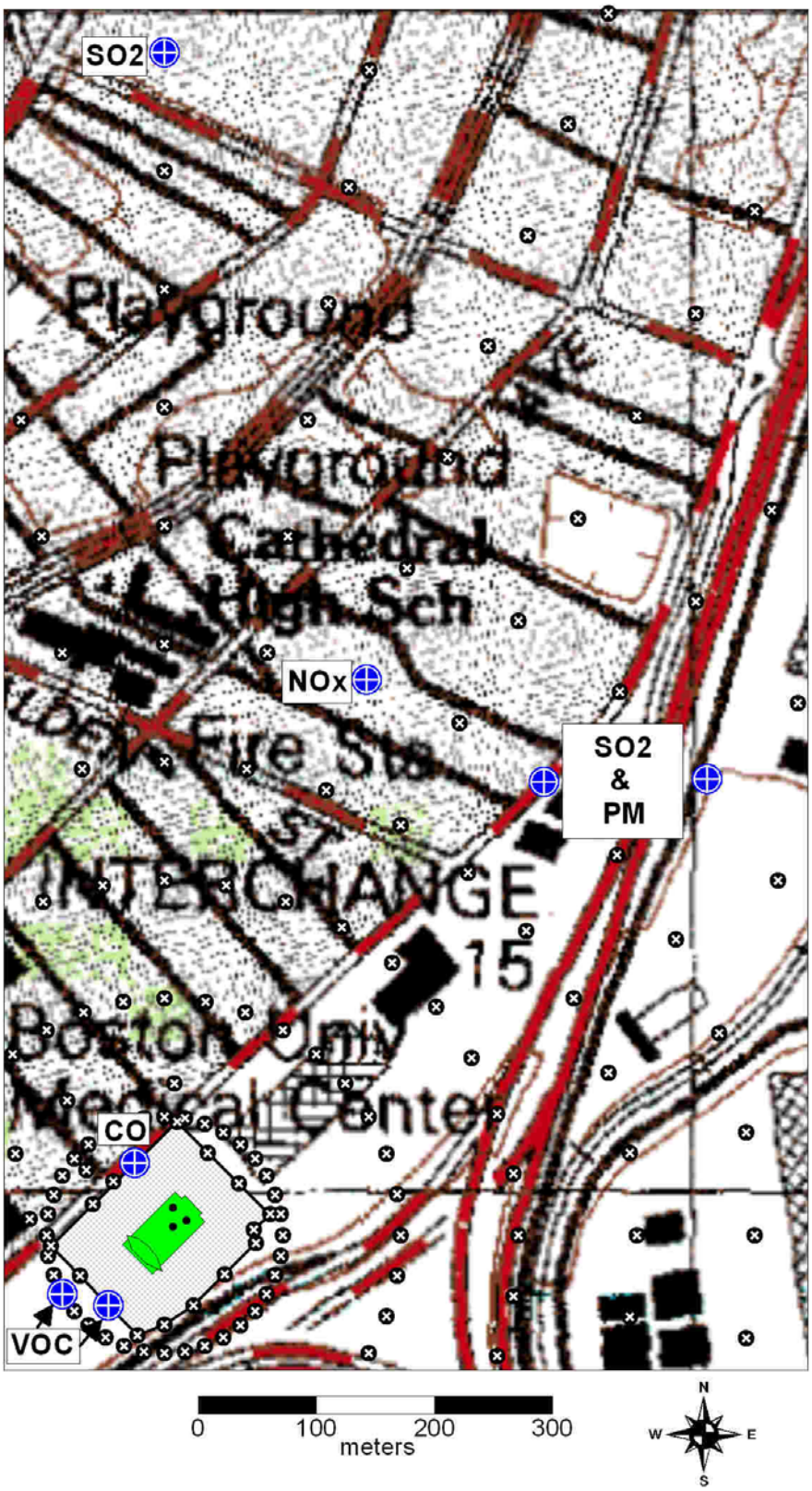

Figure 3. Location of the Receptors where the Maximum Predicted Cumulative Air Quality Impacts were Predicted to Occur.

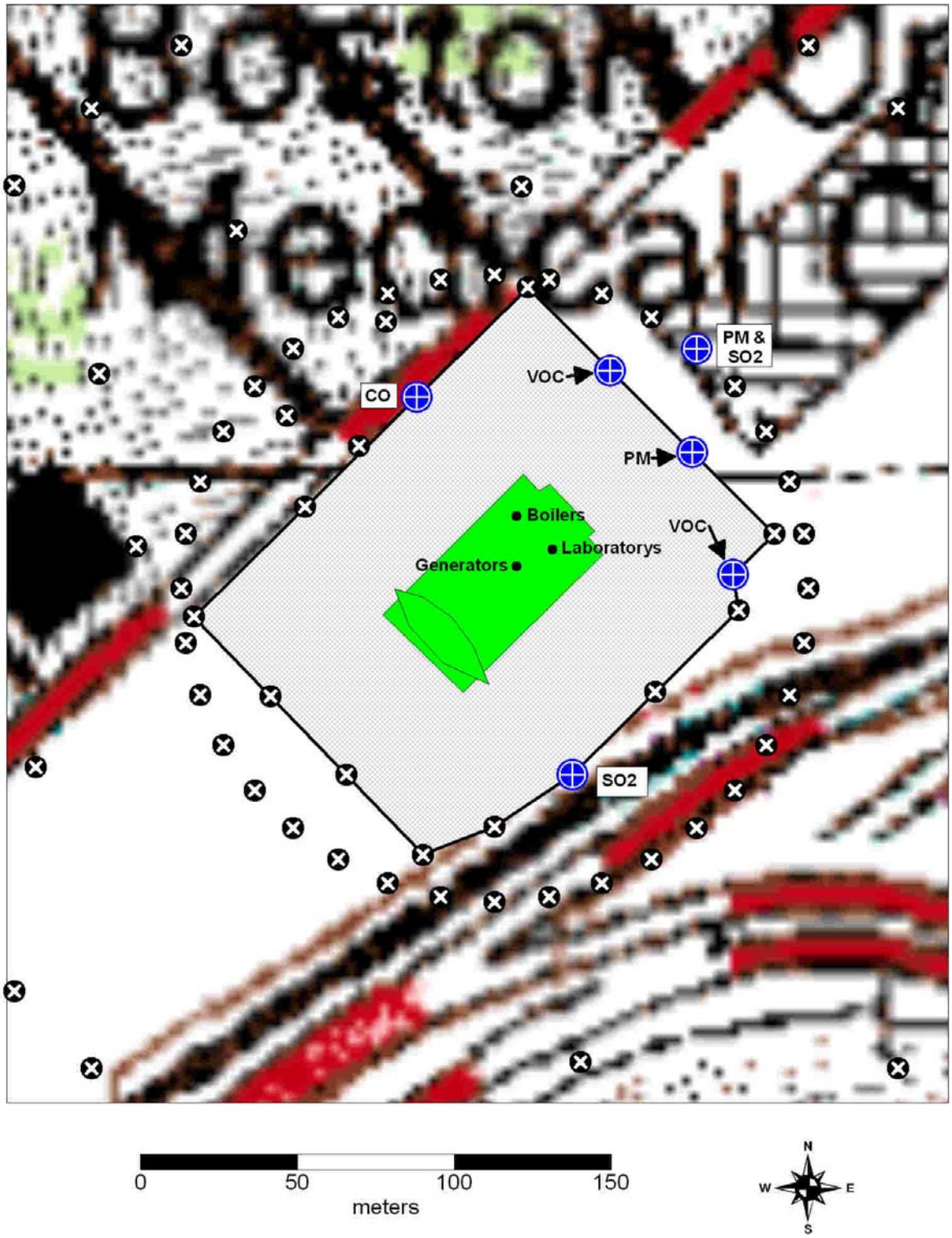

Figure 4. Location of the Receptors where the Maximum Predicted NEIDL Air Quality Impacts were Predicted to Occur.

Supplemental Air Quality Analysis
Attachment A

Pages	Contents
2	BPIP-PRM Downwash Parameters for Criteria Air Pollutant Modeling
3 - 4	BPIP-PRM Downwash Parameters for VOC Air Pollutant Modeling
5 - 9	ISC-PRIME Model Summary Output Annual NO_2 (1995 – 1999)
10 - 14	ISC-PRIME Model Summary Output Short-term (3-hour and 24-hour) SO_2 (1995 – 1999)
15 - 19	ISC-PRIME Model Summary Output Annual SO_2 (1995 – 1999)
20 - 24	ISC-PRIME Model Summary Output Short-term (24-hour) PM_{10} (1995 – 1999)
25 - 29	ISC-PRIME Model Summary Output Annual PM_{10} (1995 – 1999)
30 – 34	ISC-PRIME Model Summary Output Short-term (24-hour) $PM_{2.5}$ (1995 – 1999)
35 – 39	ISC-PRIME Model Summary Output Annual $PM_{2.5}$ (1995 – 1999)
40 – 44	ISC-PRIME Model Summary Output Short-term (1-hour and 8-hour) CO (1995 – 1999)
45 – 49	ISC-PRIME Model Summary Output (24-hour and Annual) VOC (1995 – 1999)

Notes: Full ISC-PRIME Model Output files and other supporting files are available upon request.

In the attached output files the results identified as ‘All” represent the cumulative impacts from all modeled sources; while the results labeled as “NEIDL” represent only the NEIDL sources.

SO	BUILDHGT	GENS	44.81	44.81	44.81	44.81	44.81	44.81
SO	BUILDHGT	GENS	44.81	44.81	44.81	42.37	42.37	40.84
SO	BUILDHGT	GENS	39.32	37.49	40.84	42.37	42.37	44.81
SO	BUILDHGT	GENS	44.81	44.81	44.81	44.81	44.81	44.81
SO	BUILDHGT	GENS	44.81	44.81	44.81	42.37	42.37	40.84
SO	BUILDHGT	GENS	39.32	37.49	40.84	42.37	42.37	44.81
SO	BUILDWID	GENS	44.81	44.81	44.73	43.05	43.69	45.36
SO	BUILDWID	GENS	44.81	44.81	42.10	89.03	91.33	45.28
SO	BUILDWID	GENS	39.64	68.90	38.31	89.61	87.74	41.60
SO	BUILDWID	GENS	44.81	44.81	44.73	43.05	43.69	45.36
SO	BUILDWID	GENS	44.81	44.81	42.10	89.03	91.33	45.28
SO	BUILDWID	GENS	39.64	68.90	38.31	89.61	87.74	41.60
SO	BUILDLEN	GENS	64.41	65.16	27.56	20.81	20.68	27.33
SO	BUILDLEN	GENS	64.38	63.76	41.60	76.14	66.76	44.73
SO	BUILDLEN	GENS	56.34	41.13	50.68	68.25	77.60	42.10
SO	BUILDLEN	GENS	64.41	65.16	27.56	20.81	20.68	27.33
SO	BUILDLEN	GENS	64.38	63.76	41.60	76.14	66.76	44.73
SO	BUILDLEN	GENS	56.34	41.13	50.68	68.25	77.60	42.10
SO	XBADJ	GENS	-102.58	-110.54	35.09	37.81	35.67	28.72
SO	XBADJ	GENS	-110.61	-102.82	3.60	-78.19	-62.11	-22.48
SO	XBADJ	GENS	-43.44	-21.34	-46.65	-6.82	0.04	-63.10
SO	XBADJ	GENS	38.17	45.38	-62.65	-58.62	-56.35	-56.04
SO	XBADJ	GENS	46.22	39.05	-45.20	2.06	-4.65	-22.24
SO	XBADJ	GENS	-12.90	-19.79	-4.03	-61.42	-77.64	21.00
SO	YBADJ	GENS	49.80	36.79	0.12	8.63	16.21	23.97
SO	YBADJ	GENS	-36.03	-49.08	42.05	-58.06	-64.88	40.01
SO	YBADJ	GENS	39.48	-7.89	36.89	-65.80	-58.95	24.40
SO	YBADJ	GENS	-49.80	-36.79	-0.12	-8.63	-16.21	-23.97
SO	YBADJ	GENS	36.03	49.08	-42.05	58.06	64.88	-40.01
SO	YBADJ	GENS	-39.48	7.89	-36.89	65.80	58.95	-24.40
SO	BUILDHGT	BOILERS	45.72	45.72	44.81	44.81	44.81	44.81
SO	BUILDHGT	BOILERS	44.81	44.81	44.81	44.81	40.84	40.84
SO	BUILDHGT	BOILERS	40.84	40.84	40.84	40.84	42.37	44.81
SO	BUILDHGT	BOILERS	45.72	45.72	44.81	44.81	44.81	44.81
SO	BUILDHGT	BOILERS	44.81	44.81	44.81	44.81	40.84	40.84
SO	BUILDHGT	BOILERS	40.84	40.84	40.84	40.84	42.37	44.81
SO	BUILDWID	BOILERS	56.78	50.63	44.73	43.05	43.69	45.36
SO	BUILDWID	BOILERS	45.65	44.55	42.10	38.37	50.21	45.28
SO	BUILDWID	BOILERS	38.97	35.91	38.31	39.54	87.74	41.60
SO	BUILDWID	BOILERS	56.78	50.63	44.73	43.05	43.69	45.36
SO	BUILDWID	BOILERS	45.65	44.55	42.10	38.37	50.21	45.28
SO	BUILDWID	BOILERS	38.97	35.91	38.31	39.54	87.74	41.60
SO	BUILDLEN	BOILERS	64.41	65.16	27.56	20.81	20.68	27.33
SO	BUILDLEN	BOILERS	33.14	37.95	41.60	43.99	45.04	44.73
SO	BUILDLEN	BOILERS	43.05	45.91	50.68	53.91	77.60	42.10
SO	BUILDLEN	BOILERS	64.41	65.16	27.56	20.81	20.68	27.33
SO	BUILDLEN	BOILERS	33.14	37.95	41.60	43.99	45.04	44.73
SO	BUILDLEN	BOILERS	43.05	45.91	50.68	53.91	77.60	42.10
SO	XBADJ	BOILERS	-118.33	-125.57	21.23	25.56	25.38	20.72
SO	XBADJ	BOILERS	15.42	9.66	3.60	-2.57	-8.66	-14.48
SO	XBADJ	BOILERS	-19.87	-25.80	-32.79	-38.79	15.80	-47.10
SO	XBADJ	BOILERS	53.93	60.41	-48.79	-46.37	-46.07	-48.04
SO	XBADJ	BOILERS	-48.56	-47.60	-45.20	-41.42	-36.39	-30.24
SO	XBADJ	BOILERS	-23.18	-20.11	-17.89	-15.12	-93.40	5.00
SO	YBADJ	BOILERS	47.02	31.32	-7.88	-1.66	3.95	10.11
SO	YBADJ	BOILERS	15.96	21.33	26.05	29.98	24.63	26.15
SO	YBADJ	BOILERS	26.88	28.11	28.89	28.79	-61.73	24.40
SO	YBADJ	BOILERS	-47.02	-31.32	7.88	1.66	-3.95	-10.11
SO	YBADJ	BOILERS	-15.96	-21.33	-26.05	-29.98	-24.63	-26.15
SO	YBADJ	BOILERS	-26.88	-28.11	-28.89	-28.79	61.73	-24.40

SO	BUILDHGT	NEIDLLAB	44.81	44.81	44.81	44.81	44.81	44.81
SO	BUILDHGT	NEIDLLAB	44.81	44.81	44.81	42.37	40.84	40.84
SO	BUILDHGT	NEIDLLAB	40.84	40.84	40.84	40.84	44.81	44.81
SO	BUILDHGT	NEIDLLAB	44.81	44.81	44.81	44.81	44.81	44.81
SO	BUILDHGT	NEIDLLAB	44.81	44.81	44.81	42.37	40.84	40.84
SO	BUILDHGT	NEIDLLAB	40.84	40.84	40.84	40.84	44.81	44.81
SO	BUILDWID	NEIDLLAB	43.99	44.81	44.73	43.05	43.69	45.36
SO	BUILDWID	NEIDLLAB	44.81	44.55	42.10	89.03	50.21	45.28
SO	BUILDWID	NEIDLLAB	38.97	35.91	38.31	39.54	37.95	41.60
SO	BUILDWID	NEIDLLAB	43.99	44.81	44.73	43.05	43.69	45.36
SO	BUILDWID	NEIDLLAB	44.81	44.55	42.10	89.03	50.21	45.28
SO	BUILDWID	NEIDLLAB	38.97	35.91	38.31	39.54	37.95	41.60
SO	BUILDLEN	NEIDLLAB	38.37	65.16	27.56	20.81	20.68	27.33
SO	BUILDLEN	NEIDLLAB	64.38	37.95	41.60	76.14	45.04	44.73
SO	BUILDLEN	NEIDLLAB	43.05	45.91	50.68	53.91	44.55	42.10
SO	BUILDLEN	NEIDLLAB	38.37	65.16	27.56	20.81	20.68	27.33
SO	BUILDLEN	NEIDLLAB	64.38	37.95	41.60	76.14	45.04	44.73
SO	BUILDLEN	NEIDLLAB	43.05	45.91	50.68	53.91	44.55	42.10
SO	XBADJ	NEIDLLAB	18.96	-119.79	24.45	26.12	23.27	15.99
SO	XBADJ	NEIDLLAB	-123.27	0.22	-7.80	-88.43	-22.89	-29.51
SO	XBADJ	NEIDLLAB	-35.22	-41.01	-47.41	-52.37	-55.73	-57.40
SO	XBADJ	NEIDLLAB	-57.33	54.63	-52.01	-46.93	-43.95	-43.32
SO	XBADJ	NEIDLLAB	58.89	-38.17	-33.80	12.29	-22.15	-15.22
SO	XBADJ	NEIDLLAB	-7.83	-4.90	-3.27	-1.54	11.18	15.30
SO	YBADJ	NEIDLLAB	-6.41	45.55	7.14	13.70	19.17	24.73
SO	YBADJ	NEIDLLAB	-37.48	33.45	36.35	-65.66	30.41	29.37
SO	YBADJ	NEIDLLAB	27.44	26.00	24.17	21.60	19.19	13.00
SO	YBADJ	NEIDLLAB	6.41	-45.55	-7.14	-13.70	-19.17	-24.73
SO	YBADJ	NEIDLLAB	37.48	-33.45	-36.35	65.66	-30.41	-29.37
SO	YBADJ	NEIDLLAB	-27.44	-26.00	-24.17	-21.60	-19.19	-13.00
SO	BUILDHGT	EVANLAB	45.72	45.72	36.58	37.49	42.37	42.37
SO	BUILDHGT	EVANLAB	45.72	45.72	45.72	45.72	45.72	45.72
SO	BUILDHGT	EVANLAB	45.72	45.72	45.72	45.72	45.72	45.72
SO	BUILDHGT	EVANLAB	45.72	45.72	36.58	39.32	44.81	44.81
SO	BUILDHGT	EVANLAB	45.72	45.72	45.72	45.72	45.72	45.72
SO	BUILDHGT	EVANLAB	45.72	45.72	45.72	45.72	45.72	45.72
SO	BUILDWID	EVANLAB	56.78	50.63	43.80	61.95	42.85	56.82
SO	BUILDWID	EVANLAB	50.80	57.12	61.70	64.41	65.16	63.93
SO	BUILDWID	EVANLAB	60.76	59.80	63.05	64.38	63.76	61.20
SO	BUILDWID	EVANLAB	56.78	50.63	43.80	56.34	43.69	45.36
SO	BUILDWID	EVANLAB	50.80	57.12	61.70	64.41	65.16	63.93
SO	BUILDWID	EVANLAB	60.76	59.80	63.05	64.38	63.76	61.20
SO	BUILDLEN	EVANLAB	64.41	65.16	63.50	175.54	12.29	90.49
SO	BUILDLEN	EVANLAB	64.38	63.76	61.20	56.78	50.63	42.95
SO	BUILDLEN	EVANLAB	33.96	33.77	42.93	50.80	57.12	61.70
SO	BUILDLEN	EVANLAB	64.41	65.16	63.50	28.75	20.68	27.33
SO	BUILDLEN	EVANLAB	64.38	63.76	61.20	56.78	50.63	42.95
SO	BUILDLEN	EVANLAB	33.96	33.77	42.93	50.80	57.12	61.70
SO	XBADJ	EVANLAB	-58.81	-52.24	-32.63	-34.58	51.43	-19.85
SO	XBADJ	EVANLAB	-12.92	-5.60	1.90	9.34	16.49	23.15
SO	XBADJ	EVANLAB	29.10	29.10	23.15	16.49	9.34	1.90
SO	XBADJ	EVANLAB	-5.60	-12.92	-30.87	-140.96	-146.14	-151.23
SO	XBADJ	EVANLAB	-51.46	-58.16	-63.10	-66.12	-67.13	-66.10
SO	XBADJ	EVANLAB	-63.06	-62.86	-66.08	-67.29	-66.45	-63.60
SO	YBADJ	EVANLAB	-37.73	-41.81	0.56	-41.46	-40.63	-37.67
SO	YBADJ	EVANLAB	-41.89	-37.90	-32.75	-26.61	-19.66	-12.11
SO	YBADJ	EVANLAB	-4.20	3.72	11.67	19.27	26.28	32.50
SO	YBADJ	EVANLAB	37.73	41.81	-0.56	38.65	22.71	-1.23
SO	YBADJ	EVANLAB	41.89	37.90	32.75	26.61	19.66	12.11
SO	YBADJ	EVANLAB	4.20	-3.72	-11.67	-19.27	-26.28	-32.50
SO	BUILDHGT	ELAB	45.72	45.72	45.72	42.37	42.37	45.72
SO	BUILDHGT	ELAB	45.72	45.72	45.72	45.72	45.72	45.72
SO	BUILDHGT	ELAB	45.72	45.72	45.72	45.72	45.72	45.72
SO	BUILDHGT	ELAB	45.72	45.72	44.81	44.81	44.81	45.72
SO	BUILDHGT	ELAB	45.72	45.72	45.72	45.72	45.72	45.72

SO	BUILDHGT	ELAB	45.72	45.72	45.72	45.72	45.72	45.72
SO	BUILDWID	ELAB	56.78	50.63	42.95	42.80	42.85	42.93
SO	BUILDWID	ELAB	50.80	57.12	61.70	64.41	65.16	63.93
SO	BUILDWID	ELAB	60.76	59.80	63.05	64.38	63.76	61.20
SO	BUILDWID	ELAB	56.78	50.63	44.73	43.05	43.69	42.93
SO	BUILDWID	ELAB	50.80	57.12	61.70	64.41	65.16	63.93
SO	BUILDWID	ELAB	60.76	59.80	63.05	64.38	63.76	61.20
SO	BUILDLEN	ELAB	64.41	65.16	63.93	13.06	12.29	63.05
SO	BUILDLEN	ELAB	64.38	63.76	61.20	56.78	50.63	42.95
SO	BUILDLEN	ELAB	33.96	33.77	42.93	50.80	57.12	61.70
SO	BUILDLEN	ELAB	64.41	65.16	27.56	20.81	20.68	63.05
SO	BUILDLEN	ELAB	64.38	63.76	61.20	56.78	50.63	42.95
SO	BUILDLEN	ELAB	33.96	33.77	42.93	50.80	57.12	61.70
SO	XBADJ	ELAB	-30.99	-31.33	-30.72	48.51	48.71	-30.62
SO	XBADJ	ELAB	-31.40	-31.22	-30.10	-28.06	-25.17	-21.52
SO	XBADJ	ELAB	-17.21	-17.44	-22.21	-26.31	-29.60	-32.00
SO	XBADJ	ELAB	-33.42	-33.83	-147.07	-145.69	-143.42	-32.43
SO	XBADJ	ELAB	-32.99	-32.54	-31.10	-28.72	-25.46	-21.43
SO	XBADJ	ELAB	-16.75	-16.32	-20.72	-24.49	-27.51	-29.70
SO	YBADJ	ELAB	-0.33	-0.14	0.04	-3.66	5.91	0.75
SO	YBADJ	ELAB	0.91	1.05	1.15	1.22	1.25	1.25
SO	YBADJ	ELAB	1.20	0.99	0.91	0.79	0.66	0.50
SO	YBADJ	ELAB	0.33	0.14	22.50	-1.01	-23.82	-0.75
SO	YBADJ	ELAB	-0.91	-1.05	-1.15	-1.22	-1.25	-1.25
SO	YBADJ	ELAB	-1.20	-0.99	-0.91	-0.79	-0.66	-0.50
SO	BUILDHGT	GLAB	44.81	44.81	44.81	44.81	44.81	44.81
SO	BUILDHGT	GLAB	44.81	44.81	44.81	44.81	40.84	40.84
SO	BUILDHGT	GLAB	40.84	40.84	40.84	40.84	44.81	44.81
SO	BUILDHGT	GLAB	44.81	44.81	44.81	44.81	44.81	44.81
SO	BUILDHGT	GLAB	44.81	44.81	44.81	44.81	40.84	40.84
SO	BUILDHGT	GLAB	40.84	40.84	40.84	40.84	44.81	44.81
SO	BUILDWID	GLAB	43.99	44.81	44.73	43.05	43.69	45.36
SO	BUILDWID	GLAB	45.65	44.55	42.10	38.37	50.21	45.28
SO	BUILDWID	GLAB	38.97	35.91	38.31	39.54	37.95	41.60
SO	BUILDWID	GLAB	43.99	45.04	44.73	43.05	43.69	45.36
SO	BUILDWID	GLAB	45.65	44.55	42.10	38.37	50.21	45.28
SO	BUILDWID	GLAB	38.97	35.91	38.31	39.54	37.95	41.60
SO	BUILDLEN	GLAB	38.37	65.16	27.56	20.81	20.68	27.33
SO	BUILDLEN	GLAB	33.14	37.95	41.60	43.99	45.04	44.73
SO	BUILDLEN	GLAB	43.05	45.91	50.68	53.91	44.55	42.10
SO	BUILDLEN	GLAB	38.37	33.47	27.56	20.81	20.68	27.33
SO	BUILDLEN	GLAB	33.14	37.95	41.60	43.99	45.04	44.73
SO	BUILDLEN	GLAB	43.05	45.91	50.68	53.91	44.55	42.10
SO	XBADJ	GLAB	-20.47	-159.36	-14.05	-10.14	-9.65	-12.58
SO	XBADJ	GLAB	-15.14	-17.23	-18.80	-19.80	-20.20	-19.98
SO	XBADJ	GLAB	-19.16	-18.90	-19.91	-20.32	-20.12	-19.30
SO	XBADJ	GLAB	-17.90	-15.95	-13.51	-10.67	-11.04	-14.75
SO	XBADJ	GLAB	-18.00	-20.72	-22.80	-24.19	-24.85	-24.75
SO	XBADJ	GLAB	-23.89	-27.01	-30.76	-33.58	-24.43	-22.80
SO	YBADJ	GLAB	-2.20	42.86	-2.38	-2.37	-2.95	-2.77
SO	YBADJ	GLAB	-2.50	-2.16	-1.75	-1.29	-9.16	-9.12
SO	YBADJ	GLAB	-8.81	-6.92	-4.41	-1.76	1.74	2.00
SO	YBADJ	GLAB	2.20	2.32	2.38	2.37	2.95	2.77
SO	YBADJ	GLAB	2.50	2.16	1.75	1.29	9.16	9.12
SO	YBADJ	GLAB	8.81	6.92	4.41	1.76	-1.74	-2.00

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*** ISC3P - VERSION 04269 ***
*** NOx Modeling NEIDL Annual 1995                                    ***
*** Model Executed on 02/14/05 at 08:06:56 ***
 Input File - W:\Apps\ISCPRIME\1886\NOx\LT95_95_NO2.DTA
Output File - W:\Apps\ISCPRIME\1886\NOx\LT95_95_NO2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos95.ASC

      Number of sources -         13
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.44800E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.23000E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.63100E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.59900E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.83000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.15800E+01	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.46000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.26000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.13820E+02	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.29000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.10700E+01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.11500E+01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.93230E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	54.39981 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	43.56631 AT	(329805.50, 4689397.00, 3.70, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	41.93577 AT	(329692.31, 4689340.00, 3.40, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	36.20424 AT	(329624.97, 4689358.00, 3.70, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	35.58701 AT	(329755.50, 4689310.50, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	33.69247 AT	(329760.72, 4689528.00, 3.70, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	2.78103 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.70470 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	2.18023 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	2.09879 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	2.07406 AT	(329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.89882 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR

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*** ISC3P - VERSION 04269 ***
*** NOx Modeling NEIDL Annual 1996                                        ***
*** Model Executed on 02/14/05 at 08:22:24 ***
 Input File - W:\Apps\ISCPRIME\1886\NOx\LT96_96_NO2.DTA
. Output File - W:\Apps\ISCPRIME\1886\NOx\LT96_96_NO2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos96.ASC

      Number of sources -         13
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.44800E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.23000E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.63100E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.59900E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.83000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.15800E+01	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.46000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.26000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.13820E+02	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.29000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.10700E+01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.11500E+01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.93230E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF MAXIMUM ANNUAL (8784 HRS) RESULTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	53.59523 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	45.92954 AT	(329805.50, 4689397.00, 3.70, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	38.77794 AT	(329677.06, 4689653.50, 3.40, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	37.97326 AT	(329760.72, 4689528.00, 3.70, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	37.30137 AT	(329692.31, 4689340.00, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	34.62343 AT	(329855.50, 4689483.50, 3.70, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	2.97581 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.74635 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	2.33471 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	2.28976 AT	(329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	2.10179 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	2.07432 AT	(329619.78, 4688887.50, 3.00, 0.00)	GP	POLAR

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   *** ISC3P - VERSION 04269 ***
*** NOx Modeling NEIDL Annual 1997                                    ***
*** Model Executed on 02/14/05 at 08:09:14 ***
 Input File - W:\Apps\ISCPRIME\1886\NOx\LT97_97_NO2.DTA
Output File - W:\Apps\ISCPRIME\1886\NOx\LT97_97_NO2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos97.ASC

      Number of sources -         13
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.44800E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.23000E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.63100E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.59900E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.83000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.15800E+01	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.46000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.26000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.13820E+02	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.29000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.10700E+01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.11500E+01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.93230E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	63.48902 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	53.75286 AT	(329805.50, 4689397.00, 3.70, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	45.88927 AT	(329760.72, 4689528.00, 3.70, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	43.91681 AT	(329855.50, 4689483.50, 3.70, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	39.90331 AT	(329692.31, 4689340.00, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	39.88035 AT	(329941.19, 4689423.50, 5.50, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	2.95710 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.95372 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	2.83193 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	2.67583 AT	(329619.78, 4688887.50, 3.00, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	2.58541 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	2.49855 AT	(329605.50, 4688877.50, 3.00, 0.00)	GP	POLAR

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*** ISC3P - VERSION 04269 ***
*** NOx Modeling NEIDL Annual 1998                                    ***
*** Model Executed on 02/14/05 at 08:10:24 ***
 Input File - W:\Apps\ISCPRIME\1886\NOx\LT98_98_NO2.DTA
Output File - W:\Apps\ISCPRIME\1886\NOx\LT98_98_NO2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos98.ASC

      Number of sources -         13
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.44800E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.23000E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.63100E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.59900E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.83000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.15800E+01	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.46000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.26000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.13820E+02	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.29000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.10700E+01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.11500E+01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.93230E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	53.44598 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	46.72054 AT	(329805.50, 4689397.00, 3.70, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	41.87490 AT	(329692.31, 4689340.00, 3.40, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	40.86523 AT	(329794.91, 4689622.00, 3.00, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	39.92365 AT	(329755.50, 4689310.50, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	38.82208 AT	(329677.06, 4689653.50, 3.40, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	3.32699 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	3.32370 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	2.59985 AT	(329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	2.49899 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	2.32242 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	2.23034 AT	(329619.78, 4688887.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** NOx Modeling NEIDL Annual 1999                                    ***
*** Model Executed on 02/14/05 at 08:11:38 ***
 Input File - W:\Apps\ISCPRIME\1886\NOx\LT99_99_NO2.DTA
Output File - W:\Apps\ISCPRIME\1886\NOx\LT99_99_NO2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos99.ASC

      Number of sources -         13
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.44800E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.23000E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.63100E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.59900E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.83000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.15800E+01	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.46000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.26000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.13820E+02	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.29000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.10700E+01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.11500E+01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.93230E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	57.58815 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	49.42626 AT	(329805.50, 4689397.00, 3.70, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	40.03016 AT	(329692.31, 4689340.00, 3.40, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	38.65792 AT	(329760.72, 4689528.00, 3.70, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	38.07271 AT	(329755.50, 4689310.50, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	37.95757 AT	(329677.06, 4689653.50, 3.40, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	3.00616 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.84343 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	2.59308 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	2.35259 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	2.34206 AT	(329619.78, 4688887.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	2.32746 AT	(329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Short-Term 1995                                    ***
*** Model Executed on 02/12/05 at 13:42:43 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\ST95_95_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\ST95_95_SO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos95.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.26000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.47700E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 3-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH 2ND HIGH VALUE IS	177.53601	ON 95011906: AT (330508.12, 4689514.00, 5.80, 0.00)		GP	POLAR
NEIDL HIGH 2ND HIGH VALUE IS	13.22874	ON 95011903: AT (329606.69, 4688931.00, 3.00, 0.00)		DC	NA

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH 2ND HIGH VALUE IS	70.04241	ON 95041424: AT (330949.81, 4689769.00, 3.00, 0.00)		GP	POLAR
NEIDL HIGH 2ND HIGH VALUE IS	8.78506	ON 95091324: AT (329619.78, 4689040.50, 3.00, 0.00)		GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Short-Term 1996                                  ***
*** Model Executed on 02/12/05 at 13:43:48 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\ST96_96_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\ST96_96_SO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos96.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.26000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.47700E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 3-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)			NETWORK OF TYPE	GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	156.10524	ON 96091312: AT (	329829.12,	4689716.00,	4.00, 0.00)	GP	POLAR
NEIDL	HIGH 2ND HIGH VALUE IS	13.56412	ON 96090512: AT (	329619.78,	4689040.50,	3.00, 0.00)	GP	POLAR

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)			NETWORK OF TYPE	GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	75.94979	ON 96022624: AT (	330949.81,	4689769.00,	3.00, 0.00)	GP	POLAR
NEIDL	HIGH 2ND HIGH VALUE IS	9.39720	ON 96082324: AT (	329619.78,	4689040.50,	3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Short-Term 1997                                  ***
*** Model Executed on 02/12/05 at 13:44:50 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\ST97_97_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\ST97_97_SO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos97.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.26000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.47700E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 3-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)			NETWORK OF TYPE	GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	154.72679	ON 97060409: AT (	329876.91,	4689347.00,	4.60, 0.00)	GP	POLAR
NEIDL	HIGH 2ND HIGH VALUE IS	15.10740	ON 97112003: AT (	329580.19,	4688904.50,	3.00, 0.00)	DC	NA

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)			NETWORK OF TYPE	GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	72.22667	ON 97072924: AT (	330854.53,	4689714.00,	4.30, 0.00)	GP	POLAR
NEIDL	HIGH 2ND HIGH VALUE IS	8.72552	ON 97021824: AT (	329619.78,	4689040.50,	3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Short-Term 1998                                  ***
*** Model Executed on 02/12/05 at 13:45:53 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\ST98_98_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\ST98_98_SO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos98.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.26000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.47700E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 3-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				NETWORK OF TYPE	GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	171.61986	ON 98051112: AT (	329876.91,	4689347.00,	4.60,	0.00)	GP	POLAR
NEIDL	HIGH 2ND HIGH VALUE IS	14.69022	ON 98073009: AT (	329580.19,	4688904.50,	3.00,	0.00)	DC	NA

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				NETWORK OF TYPE	GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	92.90733	ON 98050924: AT (	329794.91,	4689622.00,	3.00,	0.00)	GP	POLAR
NEIDL	HIGH 2ND HIGH VALUE IS	10.24367	ON 98071424: AT (	329619.78,	4689040.50,	3.00,	0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Short-Term 1999                                  ***
*** Model Executed on 02/12/05 at 13:46:55 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\ST99_99_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\ST99_99_SO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos99.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.26000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.47700E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 3-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	178.42151	ON 99060918: AT (	329555.50,	4689964.00,	3.40,	0.00)	GP	POLAR
NEIDL	HIGH 2ND HIGH VALUE IS	15.13875	ON 99092921: AT (	329495.00,	4688990.00,	3.00,	0.00)	DC	NA

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	95.25536	ON 99032824: AT (	329876.91,	4689347.00,	4.60,	0.00)	GP	POLAR
NEIDL	HIGH 2ND HIGH VALUE IS	8.79612	ON 99081724: AT (	329619.78,	4689040.50,	3.00,	0.00)	GP	POLAR

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*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Annual 1995                                    ***
*** Model Executed on 02/14/05 at 08:23:14 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\LT95_95_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\LT95_95_SO.LST
  Met File - W:\Apps\ISCPRIME\1886\metdata\Bos95.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.89000E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.42000E-03	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	9.41661 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	9.05656 AT	(330854.53, 4689714.00, 4.30, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	8.69382 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	8.61711 AT	(330767.94, 4689664.00, 6.10, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	8.40633 AT	(330788.84, 4689999.00, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	7.99454 AT	(330681.34, 4689614.00, 6.40, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.05463 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.05333 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	0.04326 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.04149 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.04093 AT	(329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.03760 AT	(329619.78, 4688887.50, 3.00, 0.00)	GP	POLAR

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*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Annual 1996                                    ***
*** Model Executed on 02/14/05 at 08:24:18 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\LT96_96_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\LT96_96_SO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos96.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.89000E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.42000E-03	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF MAXIMUM ANNUAL (8784 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	9.35320 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	7.80441 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	7.32101 AT	(330005.44, 4689500.00, 4.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	7.26582 AT	(330854.53, 4689714.00, 4.30, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	6.82072 AT	(330788.84, 4689999.00, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	6.75668 AT	(329938.53, 4689285.50, 4.30, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.05843 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.05411 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	0.04633 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.04517 AT	(329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	0.04158 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.04113 AT	(329619.78, 4688887.50, 3.00, 0.00)	GP	POLAR

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*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Annual 1997                                    ***
*** Model Executed on 02/14/05 at 08:25:20 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\LT97_97_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\LT97_97_SO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos97.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.89000E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.42000E-03	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	11.22850 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	9.63681 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	8.80277 AT	(330854.53, 4689714.00, 4.30, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	8.36283 AT	(331068.41, 4689514.50, 5.50, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	8.01797 AT	(330788.84, 4689999.00, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	7.76115 AT	(330965.03, 4689477.00, 6.70, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.05870 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.05798 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.05579 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	0.05307 AT	(329619.78, 4688887.50, 3.00, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	0.05117 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.04956 AT	(329605.50, 4688877.50, 3.00, 0.00)	GP	POLAR

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*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Annual 1998                                    ***
*** Model Executed on 02/14/05 at 08:26:22 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\LT98_98_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\LT98_98_SO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos98.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.89000E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.42000E-03	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	10.07175 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	9.56325 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	9.48990 AT	(330005.44, 4689500.00, 4.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	8.88332 AT	(330854.53, 4689714.00, 4.30, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	8.56992 AT	(331068.41, 4689514.50, 5.50, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	8.15136 AT	(329941.19, 4689423.50, 5.50, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.06560 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	0.06531 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.05130 AT	(329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	0.04960 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.04593 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.04421 AT	(329619.78, 4688887.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** SO2 Modeling NEIDL Annual 1999                                    ***
*** Model Executed on 02/14/05 at 08:27:26 ***
 Input File - W:\Apps\ISCPRIME\1886\SO2\LT99_99_SO.DTA
Output File - W:\Apps\ISCPRIME\1886\SO2\LT99_99_SO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos99.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.89000E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.42000E-03	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.12700E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.60000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.29000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.17300E+01	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MBTA	0	0.63000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
PERKIN	0	0.30000E-01	329600.0	4689100.0	3.1	18.29	344.26	43.12	0.09	NO	
TRIGEN	0	0.13875E+03	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MBTA , PERKIN , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	10.30711 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	9.67657 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	8.64771 AT	(330854.53, 4689714.00, 4.30, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	8.29388 AT	(331068.41, 4689514.50, 5.50, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	7.96787 AT	(330788.84, 4689999.00, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	7.71029 AT	(330005.44, 4689500.00, 4.00, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.05903 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.05605 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	0.05147 AT	(329580.19, 4688904.50, 3.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.04655 AT	(329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.04644 AT	(329619.78, 4688887.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.04592 AT	(329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Short-Term 1995                                  ***
*** Model Executed on 02/12/05 at 13:25:52 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\ST95_95_PM1.DTA
Output File - W:\Apps\ISCPRIME\1886\PM10\ST95_95_PM1.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos95.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.11000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	18.30123	ON 95011924:	AT (330508.12, 4689514.00, 5.80, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	6.86277	ON 95011324:	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Short-Term 1996                                  ***
*** Model Executed on 02/12/05 at 13:26:56 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\ST96_96_PM1.DTA

Output File - W:\Apps\ISCPRIME\1886\PM10\ST96_96_PM1.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos96.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.11000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	17.35663c	ON 96082824:	AT (329812.62, 4689270.50, 3.40, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	7.42924	ON 96082324:	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Short-Term 1997                                  ***
*** Model Executed on 02/12/05 at 13:27:57 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\ST97_97_PM1.DTA

Output File - W:\Apps\ISCPRIME\1886\PM10\ST97_97_PM1.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos97.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.11000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	15.73466	ON 97072924:	AT (330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	6.40872	ON 97022624:	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Short-Term 1998                                  ***
*** Model Executed on 02/12/05 at 13:28:59 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\ST98_98_PM1.DTA

Output File - W:\Apps\ISCPRIME\1886\PM10\ST98_98_PM1.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos98.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.11000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	20.00248	ON 98051024:	AT (329829.12, 4689716.00, 4.00, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	7.49411	ON 98071424:	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Short-Term 1999                                  ***
*** Model Executed on 02/12/05 at 13:30:03 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\ST99_99_PM1.DTA

Output File - W:\Apps\ISCPRIME\1886\PM10\ST99_99_PM1.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos99.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.11000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	21.91377	ON 99050424:	AT (329876.91, 4689347.00, 4.60, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	6.84930	ON 99062524:	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Annual 1995                                    ***
*** Model Executed on 02/14/05 at 08:15:15 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\LT95_95_PM1.DTA
Output File - W:\Apps\ISCPRIME\1886\PM10\LT95_95_PM1.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos95.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.36600E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.91484 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	1.84902 AT	(330854.53, 4689714.00, 4.30, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	1.76815 AT	(330767.94, 4689664.00, 6.10, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.73698 AT	(330788.84, 4689999.00, 3.40, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	1.67917 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.67537 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.10971 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.10831 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.07929 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	0.07698 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.07406 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.07246 AT	(329530.50, 4689025.00, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Annual 1996                                    ***
*** Model Executed on 02/14/05 at 08:16:19 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\LT96_96_PM1.DTA
Output File - W:\Apps\ISCPRIME\1886\PM10\LT96_96_PM1.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos96.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.36600E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF MAXIMUM ANNUAL (8784 HRS) RESULTS ***

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.81888 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	1.72989 AT	(329260.06, 4688912.00, 4.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	1.70321 AT	(329805.50, 4689397.00, 3.70, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.65828 AT	(329409.19, 4688907.00, 3.00, 44.20)	DC	NA
	5TH HIGHEST VALUE IS	1.65168 AT	(329255.50, 4688964.00, 3.70, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.64550 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.12153 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.11889 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.08518 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	0.07911 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	0.07486 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.06875 AT	(329530.50, 4689025.00, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Annual 1997                                    ***
*** Model Executed on 02/14/05 at 08:17:20 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\LT97_97_PM1.DTA
Output File - W:\Apps\ISCPRIME\1886\PM10\LT97_97_PM1.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos97.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.36600E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.15731 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	2.10492 AT	(329260.06, 4688912.00, 4.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	2.02621 AT	(329255.50, 4688964.00, 3.70, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.98093 AT	(329409.19, 4688907.00, 3.00, 44.20)	DC	NA
	5TH HIGHEST VALUE IS	1.96767 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.91385 AT	(329273.59, 4688861.50, 3.70, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.14343 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.12274 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.09075 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	0.09026 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.09007 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.08192 AT	(329642.09, 4689014.00, 3.40, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Annual 1998                                    ***
*** Model Executed on 02/14/05 at 08:18:23 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\LT98_98_PM1.DTA
Output File - W:\Apps\ISCPRIME\1886\PM10\LT98_98_PM1.LST
 Met File - W:\Apps\ISCPRIME\1886\metdata\Bos98.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.36600E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.00419 AT	(329209.09, 4689164.00, 3.70, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	1.94481 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	1.93796 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.90018 AT	(329249.09, 4689221.00, 3.40, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	1.89615 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.88341 AT	(329805.50, 4689397.00, 3.70, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.12866 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.12319 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.09691 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	0.08560 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	0.08049 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.07360 AT	(329530.50, 4689025.00, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** PM10 Modeling NEIDL Annual 1999                                    ***
*** Model Executed on 02/14/05 at 08:19:25 ***
 Input File - W:\Apps\ISCPRIME\1886\PM10\LT99_99_PM1.DTA
Output File - W:\Apps\ISCPRIME\1886\PM10\LT99_99_PM1.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos99.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.36600E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF PM1 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.97261 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	1.96197 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	1.87901 AT	(329260.06, 4688912.00, 4.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.77810 AT	(329409.19, 4688907.00, 3.00, 44.20)	DC	NA
	5TH HIGHEST VALUE IS	1.76570 AT	(330854.53, 4689714.00, 4.30, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.76505 AT	(329273.59, 4688861.50, 3.70, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.12399 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.12260 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.08572 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	0.08330 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.07949 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.07379 AT	(329530.50, 4689025.00, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Short-Term 1995                                  ***
*** Model Executed on 02/12/05 at 13:08:53 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\ST95_95_PM2.DTA
Output File - W:\Apps\ISCPRIME\1886\PM2.5\ST95_95_PM2.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos95.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.90000E-01	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	18.30123	ON 95011924:	AT (330508.12, 4689514.00, 5.80, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	6.19045	ON 95011324:	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Short-Term 1996                                  ***
*** Model Executed on 02/12/05 at 13:09:59 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\ST96_96_PM2.DTA

Output File - W:\Apps\ISCPRIME\1886\PM2.5\ST96_96_PM2.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos96.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.90000E-01	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	17.35663c	ON 96082824:	AT (329812.62, 4689270.50, 3.40, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	6.72808	ON 96082324:	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Short-Term 1997                                  ***
*** Model Executed on 02/12/05 at 13:11:00 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\ST97_97_PM2.DTA

Output File - W:\Apps\ISCPRIME\1886\PM2.5\ST97_97_PM2.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos97.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.90000E-01	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	15.73466	ON 97072924:	AT (330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	5.77385	ON 97062124:	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Short-Term 1998                                  ***
*** Model Executed on 02/12/05 at 13:12:03 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\ST98_98_PM2.DTA

Output File - W:\Apps\ISCPRIME\1886\PM2.5\ST98_98_PM2.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos98.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.90000E-01	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	20.00248	ON 98051024:	AT (329829.12, 4689716.00, 4.00, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	6.72599	ON 98071424:	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Short-Term 1999                                  ***
*** Model Executed on 02/12/05 at 13:13:05 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\ST99_99_PM2.DTA

Output File - W:\Apps\ISCPRIME\1886\PM2.5\ST99_99_PM2.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos99.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.90000E-01	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.60400E-01	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	21.91377	ON 99050424:	AT (329876.91, 4689347.00, 4.60, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	6.13934	ON 99062524:	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Annual 1995                                    ***
*** Model Executed on 02/14/05 at 08:18:42 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\LT95_95_PM2.DTA
Output File - W:\Apps\ISCPRIME\1886\PM2.5\LT95_95_PM2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos95.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.30700E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.91479 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	1.84897 AT	(330854.53, 4689714.00, 4.30, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	1.76809 AT	(330767.94, 4689664.00, 6.10, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.73692 AT	(330788.84, 4689999.00, 3.40, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	1.67890 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.67516 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.10666 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.10655 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.07673 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.07606 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	0.07190 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.07170 AT	(329530.50, 4689025.00, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Annual 1996                                    ***
*** Model Executed on 02/14/05 at 08:19:30 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\LT96_96_PM2.DTA
Output File - W:\Apps\ISCPRIME\1886\PM2.5\LT96_96_PM2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos96.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.30700E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF MAXIMUM ANNUAL (8784 HRS) RESULTS ***

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.81858 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	1.72958 AT	(329260.06, 4688912.00, 4.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	1.70286 AT	(329805.50, 4689397.00, 3.70, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.65737 AT	(329409.19, 4688907.00, 3.00, 44.20)	DC	NA
	5TH HIGHEST VALUE IS	1.65134 AT	(329255.50, 4688964.00, 3.70, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.64520 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.11818 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.11734 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.08193 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	0.07710 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	0.07458 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.06806 AT	(329530.50, 4689025.00, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Annual 1997                                    ***
*** Model Executed on 02/14/05 at 08:20:16 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\LT97_97_PM2.DTA
Output File - W:\Apps\ISCPRIME\1886\PM2.5\LT97_97_PM2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos97.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.30700E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.15702 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	2.10469 AT	(329260.06, 4688912.00, 4.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	2.02595 AT	(329255.50, 4688964.00, 3.70, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.98020 AT	(329409.19, 4688907.00, 3.00, 44.20)	DC	NA
	5TH HIGHEST VALUE IS	1.96762 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.91361 AT	(329273.59, 4688861.50, 3.70, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.14183 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.11943 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.08988 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.08864 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	0.08673 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.08134 AT	(329642.09, 4689014.00, 3.40, 0.00)	GP	POLAR

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Annual 1998                                    ***
*** Model Executed on 02/14/05 at 08:21:02 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\LT98_98_PM2.DTA
Output File - W:\Apps\ISCPRIME\1886\PM2.5\LT98_98_PM2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos98.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.30700E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.00394 AT	(329209.09, 4689164.00, 3.70, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	1.94446 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	1.93791 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.89994 AT	(329249.09, 4689221.00, 3.40, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	1.89589 AT	(329726.50, 4689434.00, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.88306 AT	(329805.50, 4689397.00, 3.70, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.12487 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.12132 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.09294 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	0.08306 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	0.08022 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.07289 AT	(329530.50, 4689025.00, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** PM2.5 Modeling NEIDL Annual 1999                                    ***
*** Model Executed on 02/14/05 at 08:21:49 ***
 Input File - W:\Apps\ISCPRIME\1886\PM2.5\LT99_99_PM2.DTA
Output File - W:\Apps\ISCPRIME\1886\PM2.5\LT99_99_PM2.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos99.ASC

      Number of sources -         11
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.30700E-02	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.54000E-02	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.13500E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.49000E+00	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.30000E-01	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.12000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.17000E+00	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.30000E-01	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.90000E-01	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.27210E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

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

** CONC OF PM2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	1.97231 AT	(330015.12, 4689349.50, 5.20, 0.00)	GP	POLAR
	2ND HIGHEST VALUE IS	1.96192 AT	(330949.81, 4689769.00, 3.00, 0.00)	GP	POLAR
	3RD HIGHEST VALUE IS	1.87870 AT	(329260.06, 4688912.00, 4.00, 0.00)	GP	POLAR
	4TH HIGHEST VALUE IS	1.77723 AT	(329409.19, 4688907.00, 3.00, 44.20)	DC	NA
	5TH HIGHEST VALUE IS	1.76565 AT	(330854.53, 4689714.00, 4.30, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.76476 AT	(329273.59, 4688861.50, 3.70, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.12239 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.11921 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.08300 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.08234 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	0.07739 AT	(329632.09, 4689028.50, 3.40, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.07306 AT	(329633.19, 4688957.00, 3.40, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** CO Modeling NEIDL Short-Term 1995                                    ***
*** Model Executed on 02/12/05 at 12:42:19 ***
 Input File - W:\Apps\ISCPRIME\1886\CO\ST95_95_CO.DTA
Output File - W:\Apps\ISCPRIME\1886\CO\ST95_95_CO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos95.ASC

      Number of sources -         12
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.25000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.67000E+00	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.42300E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.17000E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.35000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.35000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.20000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.90000E-01	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.17000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.26000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.59280E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	172.00298	ON 95092119: AT (329530.50, 4689025.00, 3.00, 0.00)		DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	172.00298	ON 95092119: AT (329530.50, 4689025.00, 3.00, 0.00)		DC	NA

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	82.84682	ON 95092616: AT (329530.50, 4689025.00, 3.00, 0.00)		DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	82.84682	ON 95092616: AT (329530.50, 4689025.00, 3.00, 0.00)		DC	NA

```
*** ISC3P - VERSION 04269 ***
*** CO Modeling NEIDL Short-Term 1996                                    ***
*** Model Executed on 02/12/05 at 12:43:30 ***
 Input File - W:\Apps\ISCPRIME\1886\CO\ST96_96_CO.DTA
Output File - W:\Apps\ISCPRIME\1886\CO\ST96_96_CO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos96.ASC

      Number of sources -         12
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.25000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.67000E+00	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.42300E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.17000E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.35000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.35000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.20000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.90000E-01	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.17000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.26000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.59280E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	175.01637	ON 96072424: AT (329530.50, 4689025.00, 3.00, 0.00)		DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	175.01637	ON 96072424: AT (329530.50, 4689025.00, 3.00, 0.00)		DC	NA

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	79.72579	ON 96101816: AT (329512.09, 4689009.50, 3.40, 0.00)		DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	79.72577	ON 96101816: AT (329512.09, 4689009.50, 3.40, 0.00)		DC	NA

```
*** ISC3P - VERSION 04269 ***
*** CO Modeling NEIDL Short-Term 1997                                    ***
*** Model Executed on 02/12/05 at 12:44:38 ***
 Input File - W:\Apps\ISCPRIME\1886\CO\ST97_97_CO.DTA
Output File - W:\Apps\ISCPRIME\1886\CO\ST97_97_CO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos97.ASC

      Number of sources -         12
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.25000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.67000E+00	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.42300E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.17000E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.35000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.35000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.20000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.90000E-01	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.17000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.26000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.59280E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	170.20432	ON 97050823: AT (	329530.50, 4689025.00, 3.00, 0.00)	DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	170.20432	ON 97050823: AT (	329530.50, 4689025.00, 3.00, 0.00)	DC	NA

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	76.61451	ON 97022824: AT (	329530.50, 4689025.00, 3.00, 0.00)	DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	76.61407	ON 97022824: AT (	329530.50, 4689025.00, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** CO Modeling NEIDL Short-Term 1998                                    ***
*** Model Executed on 02/12/05 at 12:45:47 ***
 Input File - W:\Apps\ISCPRIME\1886\CO\ST98_98_CO.DTA
Output File - W:\Apps\ISCPRIME\1886\CO\ST98_98_CO.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos98.ASC

      Number of sources -         12
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.25000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.67000E+00	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.42300E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.17000E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.35000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.35000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.20000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.90000E-01	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.17000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.26000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.59280E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	174.79674	ON 98082119:	AT (329530.50, 4689025.00, 3.00, 0.00)	DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	174.79674	ON 98082119:	AT (329530.50, 4689025.00, 3.00, 0.00)	DC	NA

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	88.10035	ON 98102624:	AT (329530.50, 4689025.00, 3.00, 0.00)	DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	88.10035	ON 98102624:	AT (329530.50, 4689025.00, 3.00, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** CO Modeling NEIDL Short-Term 1999                                    ***
*** Model Executed on 02/12/05 at 12:47:02 ***
 Input File - W:\Apps\ISCPRIME\1886\CO\ST99_99_CO.DTA

Output File - W:\Apps\ISCPRIME\1886\CO\ST99_99_CO.LST

   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos99.ASC

      Number of sources -         12
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
GENS	0	0.25000E+00	329562.4	4688971.0	3.0	36.88	700.00	44.41	0.43	YES	
BOILERS	0	0.67000E+00	329562.4	4688987.0	3.0	36.88	350.00	15.00	0.70	YES	
NEMC	0	0.42300E+01	329000.0	4689000.0	4.3	51.21	394.26	15.00	0.31	NO	
FCCS	0	0.17000E+01	328700.0	4689200.0	4.1	36.58	416.48	15.00	0.76	NO	
BUMC	0	0.35000E+00	329300.0	4688800.0	3.5	56.08	699.82	15.00	0.31	NO	
BMC	0	0.35000E+00	329300.0	4689100.0	3.0	56.08	333.15	15.00	0.52	NO	
BHALEN	0	0.12000E+00	328400.0	4689100.0	4.5	30.48	522.04	15.00	1.52	NO	
BHACAM	0	0.20000E+00	328400.0	4689300.0	4.0	30.48	522.04	15.00	1.52	NO	
BWSC	0	0.90000E-01	329600.0	4689500.0	3.5	15.24	644.26	15.00	0.61	NO	
MORGAN	0	0.17000E+00	329500.0	4688200.0	4.6	18.29	477.59	15.00	0.61	NO	
MBTA	0	0.26000E+00	329900.0	4689400.0	5.2	7.32	477.59	15.00	0.46	NO	
TRIGEN	0	0.59280E+02	330400.0	4690400.0	3.7	80.77	405.37	15.00	3.51	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	GENS , BOILERS , NEMC , FCCS , BUMC , BMC , BHALEN , BHACAM , BWSC , MORGAN , MBTA , TRIGEN ,
NEIDL	GENS , BOILERS ,

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	174.38589	ON 99050208:	AT (329530.50, 4689025.00, 3.00, 0.00)	DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	174.38589	ON 99050208:	AT (329530.50, 4689025.00, 3.00, 0.00)	DC	NA

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 2ND HIGH VALUE IS	79.16931c	ON 99090608:	AT (329512.09, 4689009.50, 3.40, 0.00)	DC	NA
NEIDL	HIGH 2ND HIGH VALUE IS	79.16930c	ON 99090608:	AT (329512.09, 4689009.50, 3.40, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** VOC Modeling NEIDL  1995                                          ***
*** Model Executed on 02/14/05 at 08:59:35 ***
 Input File - W:\Apps\ISCPRIME\1886\VOC\ALL95.DTA
Output File - W:\Apps\ISCPRIME\1886\VOC\ALL95.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos95.ASC

      Number of sources -          4
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
NEIDLLAB	0	0.29000E-01	329573.8	4688976.5	3.0	36.88	298.15	19.87	0.19	YES	
EVANLAB	0	0.29000E-01	329468.6	4688943.0	3.0	36.88	298.15	19.87	0.19	YES	
ELAB	0	0.29000E-01	329500.6	4688909.0	3.0	36.88	298.15	19.87	0.19	YES	
GLAB	0	0.29000E-01	329584.8	4689014.5	3.0	36.88	298.15	19.87	0.19	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	NEIDLLAB, EVANLAB , ELAB , GLAB ,
NEIDL	NEIDLLAB,

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.06694	AT (329508.19, 4688904.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	1.77305	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.61141	AT (329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.53122	AT (329491.22, 4688887.50, 3.00, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	1.52767	AT (329478.91, 4688899.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.52751	AT (329483.91, 4688929.50, 3.00, 0.00)	DC	NA
NEIDL	1ST HIGHEST VALUE IS	0.61650	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.58788	AT (329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.54686	AT (329633.19, 4688957.00, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.52786	AT (329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.36752	AT (329606.69, 4688931.00, 3.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.34084	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	6.49122	ON 95021924:	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA

```
NEIDL    HIGH  1ST HIGH VALUE IS       2.82199  ON 95122324: AT (  329631.41,  4688968.50,      3.40,      0.00)  DC      NA
```

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*** ISC3P - VERSION 04269 ***
*** VOC Modeling NEIDL  1996                                          ***
*** Model Executed on 02/14/05 at 09:01:47 ***
 Input File - W:\Apps\ISCPRIME\1886\VOC\ALL96.DTA
Output File - W:\Apps\ISCPRIME\1886\VOC\ALL96.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos96.ASC

      Number of sources -          4
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
NEIDLLAB	0	0.29000E-01	329573.8	4688976.5	3.0	36.88	298.15	19.87	0.19	YES	
EVANLAB	0	0.29000E-01	329468.6	4688943.0	3.0	36.88	298.15	19.87	0.19	YES	
ELAB	0	0.29000E-01	329500.6	4688909.0	3.0	36.88	298.15	19.87	0.19	YES	
GLAB	0	0.29000E-01	329584.8	4689014.5	3.0	36.88	298.15	19.87	0.19	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	NEIDLLAB, EVANLAB , ELAB , GLAB ,
NEIDL	NEIDLLAB,

*** THE SUMMARY OF MAXIMUM ANNUAL (8784 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.39331	AT (329508.19, 4688904.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.22388	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.92166	AT (329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.83759	AT (329483.91, 4688929.50, 3.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.76905	AT (329478.91, 4688899.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.70776	AT (329491.22, 4688887.50, 3.00, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.76172	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.61164	AT (329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.59797	AT (329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.53859	AT (329633.19, 4688957.00, 3.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.43429	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.42505	AT (329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	8.74727c	ON 96111724:	AT (329631.41, 4688968.50, 3.40, 0.00)	DC	NA
NEIDL	HIGH 1ST HIGH VALUE IS	4.44488c	ON 96111724:	AT (329631.41, 4688968.50, 3.40, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** VOC Modeling NEIDL  1997                                          ***
*** Model Executed on 02/14/05 at 09:03:52 ***
 Input File - W:\Apps\ISCPRIME\1886\VOC\ALL97.DTA
Output File - W:\Apps\ISCPRIME\1886\VOC\ALL97.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos97.ASC

      Number of sources -          4
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
NEIDLLAB	0	0.29000E-01	329573.8	4688976.5	3.0	36.88	298.15	19.87	0.19	YES	
EVANLAB	0	0.29000E-01	329468.6	4688943.0	3.0	36.88	298.15	19.87	0.19	YES	
ELAB	0	0.29000E-01	329500.6	4688909.0	3.0	36.88	298.15	19.87	0.19	YES	
GLAB	0	0.29000E-01	329584.8	4689014.5	3.0	36.88	298.15	19.87	0.19	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	NEIDLLAB, EVANLAB , ELAB , GLAB ,
NEIDL	NEIDLLAB,

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.43499 AT	(329508.19, 4688904.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.24094 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	2.11704 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.65973 AT	(329491.22, 4688887.50, 3.00, 0.00)	GP	POLAR
	5TH HIGHEST VALUE IS	1.64341 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	1.60750 AT	(329483.91, 4688929.50, 3.00, 0.00)	DC	NA
NEIDL	1ST HIGHEST VALUE IS	0.71794 AT	(329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.71369 AT	(329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.69461 AT	(329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.64527 AT	(329633.19, 4688957.00, 3.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.47075 AT	(329644.69, 4688981.50, 3.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.42182 AT	(329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	8.22874c	ON 97090124: AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA
NEIDL	HIGH 1ST HIGH VALUE IS	2.94147	ON 97041124: AT (329631.41, 4688968.50, 3.40, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** VOC Modeling NEIDL  1998                                          ***
*** Model Executed on 02/14/05 at 09:05:01 ***
 Input File - W:\Apps\ISCPRIME\1886\VOC\ALL98.DTA
Output File - W:\Apps\ISCPRIME\1886\VOC\ALL98.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos98.ASC

      Number of sources -          4
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
NEIDLLAB	0	0.29000E-01	329573.8	4688976.5	3.0	36.88	298.15	19.87	0.19	YES	
EVANLAB	0	0.29000E-01	329468.6	4688943.0	3.0	36.88	298.15	19.87	0.19	YES	
ELAB	0	0.29000E-01	329500.6	4688909.0	3.0	36.88	298.15	19.87	0.19	YES	
GLAB	0	0.29000E-01	329584.8	4689014.5	3.0	36.88	298.15	19.87	0.19	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	NEIDLLAB, EVANLAB , ELAB , GLAB ,
NEIDL	NEIDLLAB,

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.41858	AT (329508.19, 4688904.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.23650	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.99990	AT (329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.81876	AT (329483.91, 4688929.50, 3.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.80062	AT (329478.91, 4688899.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.76402	AT (329491.22, 4688887.50, 3.00, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.76263	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.66384	AT (329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.63458	AT (329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.62207	AT (329633.19, 4688957.00, 3.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.47914	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.43144	AT (329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	8.86656c	ON 98062024:	AT (329468.91, 4688914.00, 3.00, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	2.99548c	ON 98062024:	AT (329512.09, 4689009.50, 3.40, 0.00)	DC	NA

```
*** ISC3P - VERSION 04269 ***
*** VOC Modeling NEIDL  1999                                          ***
*** Model Executed on 02/14/05 at 09:06:13 ***
 Input File - W:\Apps\ISCPRIME\1886\VOC\ALL99.DTA
Output File - W:\Apps\ISCPRIME\1886\VOC\ALL99.LST
   Met File - W:\Apps\ISCPRIME\1886\metdata\Bos99.ASC

      Number of sources -          4
Number of source groups -          2
    Number of receptors -        601
```

*** 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)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
NEIDLLAB	0	0.29000E-01	329573.8	4688976.5	3.0	36.88	298.15	19.87	0.19	YES	
EVANLAB	0	0.29000E-01	329468.6	4688943.0	3.0	36.88	298.15	19.87	0.19	YES	
ELAB	0	0.29000E-01	329500.6	4688909.0	3.0	36.88	298.15	19.87	0.19	YES	
GLAB	0	0.29000E-01	329584.8	4689014.5	3.0	36.88	298.15	19.87	0.19	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	NEIDLLAB, EVANLAB , ELAB , GLAB ,
NEIDL	NEIDLLAB,

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	2.42465	AT (329508.19, 4688904.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	2.23945	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	1.97412	AT (329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	1.86151	AT (329483.91, 4688929.50, 3.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	1.75983	AT (329478.91, 4688899.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	1.70475	AT (329491.22, 4688887.50, 3.00, 0.00)	GP	POLAR
NEIDL	1ST HIGHEST VALUE IS	0.77154	AT (329592.19, 4689033.50, 3.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.67077	AT (329631.41, 4688968.50, 3.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.63074	AT (329618.50, 4689007.50, 3.40, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.60878	AT (329633.19, 4688957.00, 3.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.42741	AT (329619.78, 4689040.50, 3.00, 0.00)	GP	POLAR
	6TH HIGHEST VALUE IS	0.42350	AT (329605.50, 4689050.50, 3.00, 0.00)	GP	POLAR

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	10.52398c	ON 99091524:	AT (329468.91, 4688914.00, 3.00, 0.00)	GP	POLAR
NEIDL	HIGH 1ST HIGH VALUE IS	3.42636	ON 99031024:	AT (329631.41, 4688968.50, 3.40, 0.00)	DC	NA

Click here to view Appendix 11