



**PROPOSED**  
***Pennsylvania Department of Environmental Protection***  
***2010 Ambient Air Monitoring Network Description***

**May 1, 2009**

**Commonwealth of Pennsylvania**  
**Department of Environmental Protection**

**Edward G. Rendell, Governor**  
**Commonwealth of Pennsylvania**

**John Hanger, Secretary**  
**Department of Environmental Protection**

**[www.depweb.state.pa.us](http://www.depweb.state.pa.us)**

## Introduction

In 1970, Congress passed the Clean Air Act authorizing the U. S. Environmental Protection Agency (EPA) to establish National Ambient Air Quality Standards (NAAQS) for pollutants shown to threaten human health and welfare. Primary ambient air quality standards were set according to criteria designed to protect public health, including an adequate margin of safety to protect sensitive populations such as children and asthmatics. Secondary ambient air quality standards were set according to criteria designed to protect public welfare (decreased visibility, damage to crops, vegetation, and buildings, etc.).

Seven pollutants currently have NAAQS: ozone (O<sub>3</sub>), carbon monoxide (CO), sulfur dioxide (SO<sub>2</sub>), nitrogen dioxide (NO<sub>2</sub>), particulate matter less than 10 microns (PM<sub>10</sub>), particulate matter less than 2.5 microns (PM<sub>2.5</sub>) and lead (Pb). These are commonly called the “criteria” pollutants. When air quality does not meet the NAAQS, the area is said to be in “nonattainment” with the NAAQS.

## Requirements for Monitoring Network Descriptions

In October 2006, the EPA issued final regulations concerning state and local agency ambient air monitoring networks. In addition, EPA Region III provided guidance in what was to be submitted with the each Network Description. For this description, Region III requested information described in 40 CFR Part 58 §58.10 (a). The Pennsylvania Department of Environmental Protection, Bureau of Air Quality has gone beyond this minimum requested information and has also provided a substantial portion of the information requested in §58.10 (b). The requirements of these two sections are listed as follow:

§58.10 (a) requires for each existing and proposed monitoring site:

- (1) A statement of purpose for each monitor
- (2) Evidence that siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58, where applicable
- (3) Proposals for any State and Local Air Monitoring station (SLAMS) network modifications

Likewise §58.10 (b) requires:

- (1) The Air Quality System (AQS) site identification number.
- (2) The location, including street address and geographical coordinates.
- (3) The sampling and analysis method(s) for each measured parameter.
- (4) The operating schedules for each monitor.
- (5) Any proposals to remove or move a monitoring station within a period of 18 months following plan submittal.

- (6) The monitoring objective and spatial scale of representativeness for each monitor.
- (7) The identification of any sites that are suitable and sites that are not suitable for comparison against the annual PM<sub>2.5</sub> NAAQS as described in §58.30.
- (8) The Metropolitan Statistical Area (MSA), Core Based Statistical Area (CBSA), Combined Statistical Area (CSA) or other area represented by the monitor.

## **Commonwealth of Pennsylvania Air Monitoring Network**

The Commonwealth of Pennsylvania has established an air monitoring network to determine the ambient levels of the pollutants for which NAAQS have been established (criteria pollutants) and to measure air toxics (metals and volatile organic compounds). The 2009 Pennsylvania Air Monitoring Network consists of the sites and monitors listed in Exhibit A. This network is maintained and operated by the Department of Environmental Protection, Bureau of Air Quality, Division of Air Quality Monitoring.

Exhibit A is the heart of the Network Description. As presented, it is also a snapshot of a Microsoft ACCESS™ database that contains blocks or files of information related to the location of the site, monitoring parameters at the site, and details about the monitors themselves. It is from these blocks that the requirements of Section 58.10 (a) and (b) noted earlier are fulfilled.

### **Exhibit A Description**

The first block, the Site Information Block, contains information identifying the site by both address and latitude and longitude. This block also contains information regarding inclusion of the monitoring site in any metropolitan statistical area.

Following the Site Information Block, a series of one or more Sensor Information Block(s), containing information for each monitor at the site is provided. Each sensor block contains the following information:

- Sensor Type – The name of the pollutant measured by the sampler.
- Sensor Network Designation – The name of the designated network:
  - NCore – National Core multi-pollutant monitoring station. (There are currently no NCore sites planned for PA DEP; Allegheny County Health Department and Philadelphia air Management Services are being funded for one NCore station, each)
  - PAMS – Photochemical Assessment Monitoring Station
  - SLAMS - State or Local Ambient Monitoring Station
  - STN – PM<sub>2.5</sub> Speciation Trends Network
  - SPM – Special Purpose Monitor
- Sensor Purpose Description– The purpose of the sensor:

- Population Exposure, such as the Air Quality Index
  - Regulatory compliance with Federal or State regulation
  - Research/Scientific Monitoring
  - Specific location characterization
- Sample Frequency – Specifies how often a sample is taken.
    - Continuous - operates 24/7; applies predominately to gaseous analyzers, although some particulate samplers (TEOM/FDMS and BAMs) operate continuously.
    - Daily – a discrete sample is taken every day; applies to manual method particulate samplers.
    - Every Third Day - Manual method particulate samplers that run every third day.
    - Every Sixth Day – Manual method particulate samplers that run every sixth day.
- Appendix A QA Assessment – A “**YES**” indicates the sensor is maintained in accordance with the Quality Assurance (QA) requirements specified in 40 CFR Part 58 Appendix A.
- Appendix C Monitoring Classification – Each ambient air monitor is classified using the EPA “List of Designated Reference and Equivalent Methods” (see EPA Transfer Technology Network web page – link below)
    - Reference or Federal Reference Method (FRM) – a method of sampling that is specified in CFR Part 50.
    - Equivalent or Federal Equivalent Method (FEM) – a method that is designated as equivalent to the reference method, in accordance with 40 CFR Part 53.
    - Automated – after sampling, the analysis results are available immediately.
    - Manual - after sampling, a separate analysis at a laboratory is necessary.

On Exhibit A, the above descriptors are combined into the following groupings.

    - Automated Reference Method,
    - Manual Reference Method,
    - Automated Equivalent Method,
    - Manual Equivalent Method, or
    - NONE – appears where there is no reference or equivalent method.
- Appendix C Monitoring Method – Each ambient air monitor is classified by a specific “method number.” These numbers can be found in the EPA “List of Designated Reference and Equivalent Methods” (see EPA Transfer Technology Network web page at <http://www.epa.gov/ttn/amtic/files/ambient/criteria/reference-equivalent-methods-list.pdf> ).
- Monitoring Method Description – Each individual ambient air monitor type has a specific method of pollutant detection. Common examples are:

- Ozone monitors – Ultraviolet (UV) Absorption
  - SO<sub>2</sub>- UV Fluorescence
  - CO - Non-dispersive Infrared (IR)
  - NO<sub>2</sub> or NO<sub>x</sub> - Chemiluminescence
  - PM<sub>2.5</sub>, PM<sub>10</sub> - Gravimetric (or gravimetric by TEOM (tapered element micro balance)), or Beta attenuation
  - PAMS - Auto GC (Gas Chromatograph), Dual FID (flame ionization detector)
- Appendix D Design Criteria – Appendix D requires a certain number of monitoring samplers per geographic area. A **“YES”** indicates that the number of monitors in that particular area meets or exceeds the requirement of 40 CFR Part 58 Appendix D.
  - Appendix D Scale – The specific “spatial scales of representation” describes the physical dimensions of the air parcel around the monitoring station throughout which actual pollutant concentrations are reasonably similar.
    - Microscale - Areas ranging from several meters to about 100 meters,
    - Middle scale - Areas ranging from 100 meters to 0.5 kilometers,
    - Neighborhood - 0.5 to 4.0 kilometers, and uniform land use,
    - Urban scale - 4 to 50 kilometers, and
    - Regional - ten to hundreds of kilometers.
  - Appendix D Objective – Describes the purpose/objective for monitoring at a site.
    - Extreme downwind
    - General/Background concentration
    - Highest concentration
    - Maximum ozone concentration
    - Population exposure
    - Regional transport
    - Source oriented
  - Appendix E Siting Criteria – Describes certain criteria applicable to ambient air quality sampling probes and monitoring paths, such as distances from trees, obstructions, traffic lanes, etc. A **“YES”** indicates that the sensor at the given site meets or exceeds the requirements of 40 CFR Part 58 Appendix E.
  - Comments – Each monitor has a comments section. Appropriate comments, as necessary, are found in this area.

## Changes to Monitoring Sites and Samplers

PM<sub>2.5</sub> Changes: As required by federal regulations in 40 CFR Part 58.12(d), sites that have a design value (3-year period covered from 2006-2008) within plus or minus 5 percent of the daily PM<sub>2.5</sub> NAAQS must have a Federal Reference Method (FRM) or Federal Equivalent Method (FEM) sampler operate on a daily (everyday) schedule instead of a once-every-three day (1-in-3) schedule. Since this requirement would have left very few PM<sub>2.5</sub> samplers operating on a 1-in-3 schedule, a request was approved by EPA to have all PM<sub>2.5</sub> samplers operate on an everyday (1-in-1) schedule in 2009. This sampling frequency standardization produced resource efficiencies in filter collection and preparation.

In April 2009, DEP completed upgrades of several existing continuous PM<sub>2.5</sub> monitors to meet the requirements of a FEM monitor. The upgraded monitors, Met One Beta-Attenuation (BAM) Model 1020, were installed in Chester, Scranton, Carlisle, Harrisburg, Johnstown, and Charleroi. Continuous monitors that report an ambient concentration every hour are considered to meet the everyday (1-in-1) sampling frequency requirements and will provide a resource savings over the manual FRM samplers. The hourly concentrations are averaged to produce a daily mean for comparison to the PM<sub>2.5</sub> NAAQS. With the addition of these continuous (automated) PM<sub>2.5</sub> samplers, the FRM manual samplers at Chester, Scranton, Harrisburg, and Charleroi were approved by EPA to be discontinued. The manual FRM samplers at Carlisle and Johnstown will continue to be operated as the primary monitor for compliance and to provide a comparison to the continuous FEM BAM monitors.

Holbrook, Greene County: At the end of the ozone season, October 2008, DEP moved the Holbrook site approximately 1.1 miles to the southeast due to the loss of the lease agreement. Since the monitoring scale, land use, and general purpose of the monitor to study ozone transport has not changed, DEP considers the data that will be produced by the new site location to be fundamentally the same as the previous site. Therefore, DEP will not be creating a new site record in the EPA Air Quality System (AQS) database. The AQS site identification code will remain as 42-059-0002.

## Site and Monitor Activity Anticipated within the Next 18 Months

Air Toxics: As indicated in the 2009 DEP monitoring plan, DEP will continue its plan to provide a better understanding of Volatile Organic Compounds (VOC) air toxics across the Commonwealth. DEP will be moving air toxics sampling equipment to the following sites in 2010: Norristown (Montgomery County), Freemansburg (Northampton County), Scranton (Lackawanna County), Harrisburg (Dauphin County), Altoona (Blair County), Beaver Falls (Beaver County), and Greensburg (Westmoreland County). When the data from the 2009 and 2010 initial characterization is done, a more defined monitoring plan will be proposed for 2011.

PM<sub>2.5</sub> Changes: By January 2010, DEP will install the FEM version of the Met One BAM Model 1020 continuous PM<sub>2.5</sub> particulate at the following sites to replace the current continuous PM<sub>2.5</sub> Thermo-Fisher TEOM monitor since the data cannot be used for attainment compliance decisions: Freemansburg (Northampton County), Arendtsville (Adams County), Kittanning (Armstrong County). With the installation of the continuous BAM monitors, the manual FRM samplers for PM<sub>2.5</sub> will be discontinued at Freemansburg and Arendtsville. Kittanning currently has no FRM sampler.

Additional FEM continuous PM<sub>2.5</sub> monitors will be installed at the following sites by January 2010 to replace some of the manual FRM samplers to save filter collection and preparation resources, such as manpower and cost: Erie (Erie County), New Garden (Chester County), Florence (Beaver County), and Greensburg (Westmoreland County).

DEP intends to purchase five additional FEM versions of the Met One BAM Model 1020 continuous PM<sub>2.5</sub> monitors for installation in 2010. The monitors will be located at existing sites in Bristol (Bucks County), State College (Centre County), and Altoona (Blair County). The addition of these sites will provide real-time data that will be used in forecasting and the reporting of the Air Quality Index (AQI) to the public. DEP will discontinue the use of the manual FRM samplers at Bristol and State College to provide continued resource savings. The Altoona site currently has no FRM sampler.

DEP plans on looking at installing FEM PM<sub>2.5</sub> samplers at new sites in Lebanon County and Monroe County during 2010. Lebanon, which was once part of the Harrisburg-Carlisle Metropolitan Statistical Area (MSA), is now considered a separate MSA with a population of over 125,000 based on 2007 census estimates. The East Stroudsburg area (Monroe County) is a large Micropolitan Statistical Area with a population of 165,000 based on 2007 census estimates.

Based on the minimum monitoring requirements in 40 CFR Part 58, Appendix D, Table D-5, the Allentown-Bethlehem-Eastern Metropolitan Statistical Area (MSA), is now required to have at least two sites since the current design value based on 2006-2008 data is greater than 85% of the 24-hour PM<sub>2.5</sub> National Ambient Air Quality Standard (NAAQS). Monitoring regulations indicate that for areas when more than one monitoring station is required, a monitoring station should be located in an area of poor air quality. DEP is looking to install this second PM<sub>2.5</sub> monitoring site, using a FRM manual sampler operating everyday, adjacent to the Lehigh Valley Hospital – Muhlenberg (Lehigh County). This site should be influenced by mobile sources (Rt. 22 and Rt. 378), airport emissions (Lehigh Valley International Airport), and is upwind of a population area. The other existing PM<sub>2.5</sub> monitoring site in Freemansburg (Northampton County) is located 5 miles southeast of this proposed location.

Other Changes: No other monitor additions or deletions to the routine surveillance ambient monitoring network are being considered for 2010, with the exception of lead monitoring as described below.

Lead Particulate Monitoring: On November 12, 2008 EPA substantially strengthened the national ambient air quality standards (NAAQS) for lead. EPA revised the level of the primary (health-based) standard from 1.5 micrograms per cubic meter (µg/m<sup>3</sup>) to

0.15  $\mu\text{g}/\text{m}^3$ , measured as total suspended particles (TSP) and revised the secondary (welfare-based) standard to be identical in all respects to the primary standard. In conjunction with strengthening the lead NAAQS, EPA identified the need for states to improve existing lead monitoring networks by requiring monitors to be placed in areas with sources that emit one ton or more per year (tpy) of lead and in urban areas with more than 500,000 people.

Dispersion modeling will be used to determine the area of the maximum running 3-month average concentration for lead around each facility that emits at least one ton per year. The exact location of the TSP/Lead samplers are not available at this time until DEP staff have had time to complete the complex task of dispersion modeling and conduct site surveys to determine availability of land and electrical power based on the modeled concentrations. Consideration will also be given to population exposure in the direction of the modeled maximum concentration. The following is a list of facilities around which source-oriented lead monitoring is anticipated:

1. Exelon Generation Company – Eddystone (Delaware County)
2. Schott North America Inc – Duye (Luzerne County)
3. East Penn Manufacturing Company – Lyons (Berks County)
4. Exide Technologies – Laureldale (Berks County)
5. US Dept of Defense – Letterkenny Army Depot (Franklin County)
6. Horsehead Corporation – Monaca (Beaver County)
7. FirstEnergy Generation Corp – Bruce Mansfield Plant (Beaver County)
8. Reliant Energy Northeast – Conemaugh (Indiana County)
9. Reliant Energy Northeast – Keystone Power Plant (Armstrong County)
10. Inmetco – Ellwood City (Lawrence County)

In the event that dispersion modeling shows that the maximum running 3-month average concentration is less than 50% of the NAAQS, DEP may request a waiver from source-oriented monitoring around the modeled facility.

In addition to the source-oriented monitoring sites, DEP is required under the provisions of 40 CFR Part 58, Appendix D, to monitor in four MSAs with populations greater than 500,000 people. These areas are: Harrisburg-Carlisle MSA, Scranton-Wilkes Barre MSA, Lancaster MSA, and the Allentown-Bethlehem-Easton MSA. With the exception of the Allentown-Bethlehem-Easton MSA, DEP plans on deploying the remaining population-oriented sites by the January 1, 2011, required federal regulation start date.

For the Allentown-Bethlehem-Easton MSA, DEP will install a lead monitor at the same site as was described above for the  $\text{PM}_{2.5}$  FRM sampler. The same emission influences would apply for lead particulate as described.

DEP is proposing the following deletions to the current lead monitoring network:

Monessen (Westmoreland County) – there are no lead sources in the area with the potential to cause an exceedance of the lead NAAQS. The current design value (running 3-month average) is  $0.07 \mu\text{g}/\text{m}^3$  for the period of 2006-2008, which is half the revised NAAQS.



East Conemaugh (Cambria County) - there are no lead sources in the area with the potential to cause an exceedance of the lead NAAQS. The current design value is 0.07  $\mu\text{g}/\text{m}^3$  for the period of 2006-2008, which is half the revised NAAQS.

## General Description of Criteria Pollutants

### Ozone ( $\text{O}_3$ )

Ground-level ozone, or photochemical smog, is not emitted into the atmosphere as ozone, but rather is formed by the reactions of other pollutants. The primary pollutants entering into this reaction, VOCs and oxides of nitrogen ( $\text{NO}_x$ ), create ozone in the presence of sunlight. Ozone is a strong irritant to the upper respiratory system and also causes damage to crops. Ozone is measured by ultraviolet absorption photometry. Air is drawn through a sample cell where ultraviolet light (254 nm wavelength) passes through it. Any light that is not absorbed by the ozone is then converted into an electrical signal proportional to the ozone concentration.

### Sulfur Dioxide ( $\text{SO}_2$ )

Sulfur dioxide is a gaseous pollutant that is emitted primarily by industrial furnaces or power plants burning coal or oil containing sulfur. At high concentrations, breathing can be impaired. Damage to vegetation can also result. Sulfur dioxide is measured with a fluorescence analyzer. Air is drawn through a sample cell where it is then subjected to high intensity ultraviolet light. This causes the sulfur dioxide molecules in the air to fluoresce and release light. The fluorescence is detected with a photomultiplier tube and converted to an electrical signal proportional to the  $\text{SO}_2$  concentration.

### Carbon Monoxide ( $\text{CO}$ )

Carbon monoxide is a poisonous gas that, when introduced into the bloodstream, inhibits the delivery of oxygen to body tissue. The health risk is greatest for individuals with cardiovascular disease. Carbon monoxide is measured by infrared absorption photometry. A continuous flow of air is drawn through a sample cell where infrared light passes through it. The carbon monoxide molecules absorb a portion of the infrared light. This reduces the amount of light getting to the sensor. The light is then converted into an electrical signal related to the concentration of carbon monoxide in the sample cell.

### Lead ( $\text{Pb}$ )

Lead is a metal that is highly toxic when ingested or inhaled. It is a suspected carcinogen of the lungs and kidneys and has adverse effects on cardiovascular, nervous and renal systems. Lead is emitted into the atmosphere by industrial processes. The amount of lead in ambient air is measured by laboratory analysis of TSP filters by Inductively Coupled Argon Plasma-Optical Emission Spectrometry.

**Nitrogen Dioxide (NO<sub>2</sub>)**

Nitrogen dioxide is a highly toxic, reddish brown gas that is created primarily from fuel combustion in industrial sources and vehicles. It creates an odorous haze that causes eye and sinus irritation, blocks natural sunlight and reduces visibility. Nitrogen oxides are measured using the chemiluminescence reaction of nitric oxide with ozone (O<sub>3</sub>). Air is drawn into a reaction chamber where it is mixed with a high concentration of ozone from an internal ozone generator. Any nitric oxide mixes with ozone to produce NO<sub>2</sub>. Light from this reaction is detected with a photomultiplier tube and converted to an electrical signal proportional to the nitric oxide concentration. Total nitrogen oxides (NO<sub>x</sub>) are measured by passing the air through a converter where any NO<sub>2</sub> in the air is reduced to nitric oxide before the air is passed to the reaction chamber. By alternately passing the air directly to the reaction chamber, and through the converter before the reaction chamber, the analyzer alternately measures nitric oxide and NO<sub>x</sub>. Nitrogen dioxide (NO<sub>2</sub>) is measured indirectly by a subtraction of the NO<sub>x</sub> and nitric oxide concentrations.

**Fine Particulate Matter (PM<sub>2.5</sub>)**

Fine particulate matter with a diameter of 2.5 microns or less is created primarily from industrial processes and fuel combustion. These particles are breathed deeply into the lungs. Exposure to particle pollution is linked to a variety of significant health problems ranging from aggravated asthma to premature death in people with heart and lung disease. PM<sub>2.5</sub> is sampled by drawing air through a specially designed inlet that excludes particles larger than 2.5 microns in diameter. The particles are collected on a Teflon™ Microfiber filter that is weighed to determine the particulate mass. The normal sampling schedule varies, as determined by the regulations: some sites sample every day, others sample every 3<sup>rd</sup> day. In addition, DEP has 12 monitors that record PM<sub>2.5</sub> data continuously (TEOM/FDMS and BAM).

**Particulate Matter (PM<sub>10</sub>)**

Particulate matter with a mean diameter of 10 microns or less is emitted from transportation and industrial sources. Exposure to particle pollution is linked to a variety of significant health problems ranging from aggravated asthma to premature death in people with heart and lung disease. PM<sub>10</sub> is sampled continuously using a tapered element oscillating microbalance (TEOM). Air is drawn through a specially designed inlet that excludes particles larger than 10 microns in diameter. Particle accumulation causes changes in the microbalance oscillation that are recorded by the instrument (TEOM).

## Acronyms

AQS	Air Quality System
BAM	Beta Attenuation Monitor
CBSA	Core based statistical area
CSA	Combined Statistical Area
CO	Carbon Monoxide
PA DEP	Pennsylvania Department of Environmental Protection
EPA	U. S. Environmental Protection Agency
FEM	Federal Equivalent Method
FID	Flame Ionization Detector
FRM	Federal Reference Method
GC	Gas Chromatograph
IR	Infrared (radiation)
H <sub>2</sub> S	Hydrogen Sulfide
MSA	Metropolitan Statistical Area
NAAQS	National Ambient Air Quality Standards
NCore	National Core multi-pollutant monitoring stations
nm	nanometers
NO <sub>2</sub>	The gaseous pollutant Nitrogen Dioxide
NOx	Oxides of Nitrogen
O <sub>3</sub>	The gaseous pollutant Ozone
PAMS	Photochemical Assessment Monitoring Station
Pb	Lead
PM <sub>2.5</sub>	Particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers
PM <sub>10</sub>	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
QA	Quality Assurance
SLAMS	State or Local Air Monitoring Stations
SO <sub>2</sub>	The gaseous pollutant Sulfur Dioxide
SPM	Special Purpose Monitor
STN	PM <sub>2.5</sub> Speciation Trends Network
TSP	Total Suspended Particulate
TTN*	EPA's Technology Transfer Network
TEOM	Tapered Element Oscillating Microbalance
UV	Ultraviolet
VOCs	Volatile Organic Compounds

\* <http://www.epa.gov/ttn/>

## Exhibit A

# Pennsylvania Monitoring Network Plan

<b>SITE NAME:</b>	ALLENTOWN	<b>AIRS Site ID:</b>	420770004
<b>COUNTY:</b>	LEHIGH	<b>LATITUDE:</b>	40.61194
<b>MUNICIPALITY:</b>	ALLENTOWN	<b>LONGITUDE:</b>	-75.4326
<b>MSA:</b>	ALLENTOWN-BETHLEHEM-EASTON	<b>ADDRESS:</b>	STATE HOSPITAL REAR 1600 HANOVER AVE

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

### Comments:

<b>Sensor Type:</b>	Particulate Matter PM10	<b>Appendix C Monitoring Method:</b>	EQPM-1090-079
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	TEOM Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	TEOM Automated Equivalent	<b>Appendix E Siting Criteria*:</b>	Yes

### Comments:

\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	ALTOONA	<b>AIRS Site ID:</b>	420130801
<b>COUNTY:</b>	BLAIR	<b>LATITUDE:</b>	40.53563
<b>MUNICIPALITY:</b>	ALTOONA	<b>LONGITUDE:</b>	-78.3703
<b>MSA:</b>	ALTOONA	<b>ADDRESS:</b>	2ND AVE & 7TH ST

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM10	<b>Appendix C Monitoring Method:</b>	EQPM-1090-079
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	TEOM Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	TEOM Automated Equivalent	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Sulfur Dioxide	<b>Appendix C Monitoring Method:</b>	EQSA-0495-100
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Fluorescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	ARENDSVILLE	<b>AIRS Site ID:</b>	420010001
<b>COUNTY:</b>	ADAMS	<b>LATITUDE:</b>	39.92330
<b>MUNICIPALITY:</b>	ARENDSVILLE	<b>LONGITUDE:</b>	-77.3081
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	NARSTO SITE - ARENDSVILLE

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	General/Background
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Carbonyls	<b>Appendix C Monitoring Method:</b>	
<b>Sensor Network Designation:</b>	Other	<b>Monitoring Method Description:</b>	DNPH - Coated Cartridges (24 Hour)
<b>Sensor Purpose Designation:</b>	Air Toxics	<b>Appendix D Design Criteria*:</b>	No
<b>Sample Frequency:</b>	1 in 6	<b>Appendix D Scale:</b>	
<b>Appendix A QA Assessment*:</b>	No	<b>Appendix D Objectives:</b>	
<b>Appendix C Monitoring Classification:</b>		<b>Appendix E Siting Criteria*:</b>	No

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	General/Background
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

**Sensor Type:** PAMS  
**Sensor Network Designation:** PAMS  
**Sensor Purpose Designation:** Air Toxics  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** No  
**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**  
**Monitoring Method Description:** Perkin Elmer Gas Chromatograph  
**Appendix D Design Criteria\*:** No  
**Appendix D Scale:**  
**Appendix D Objectives:**  
**Appendix E Siting Criteria\*:** No

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** TEOM

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** General/Background  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Daily  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Reference Method

**Appendix C Monitoring Method:** RFPS-0498-118  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** General/Background  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** General/Background  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Volatile Organic Compound  
**Sensor Network Designation:** Other  
**Sensor Purpose Designation:** Air Toxics  
**Sample Frequency:** 1 in 6  
**Appendix A QA Assessment\*:** No  
**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**  
**Monitoring Method Description:** Canister (24 Hour)  
**Appendix D Design Criteria\*:** No  
**Appendix D Scale:**  
**Appendix D Objectives:**  
**Appendix E Siting Criteria\*:** No

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>



<b>SITE NAME:</b>	BEAVER FALLS	<b>AIRS Site ID:</b>	420070014
<b>COUNTY:</b>	BEAVER	<b>LATITUDE:</b>	40.74780
<b>MUNICIPALITY:</b>	BEAVER FALLS	<b>LONGITUDE:</b>	-80.3157
<b>MSA:</b>	PITTSBURGH	<b>ADDRESS:</b>	EIGHT STREET AND RIVER ALLEY

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM10	<b>Appendix C Monitoring Method:</b>	EQPM-1090-079
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	TEOM Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	TEOM Automated Equivalent	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** FDMS

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Daily  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Equivalent Method

**Appendix C Monitoring Method:** EQPM-0202-145  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	BIGLERVILLE (PSU)	<b>AIRS Site ID:</b>	420010002
<b>COUNTY:</b>	ADAMS	<b>LATITUDE:</b>	39.93497
<b>MUNICIPALITY:</b>	BIGLERVILLE	<b>LONGITUDE:</b>	-77.2528
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	UNIVERSITY DRIVE- PENN STATE RESEACH ORCHART

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	General/Background
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	BRIGHTON TWP	<b>AIRS Site ID:</b>	420070005
<b>COUNTY:</b>	BEAVER	<b>LATITUDE:</b>	40.68547
<b>MUNICIPALITY:</b>	BRIGHTON TWP	<b>LONGITUDE:</b>	-80.3605
<b>MSA:</b>	PITTSBURGH	<b>ADDRESS:</b>	1015 SEBRING ROAD

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Sulfur Dioxide	<b>Appendix C Monitoring Method:</b>	EQSA-0495-100
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Fluorescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	BRISTOL	<b>AIRS Site ID:</b>	420170012
<b>COUNTY:</b>	BUCKS	<b>LATITUDE:</b>	40.10738
<b>MUNICIPALITY:</b>	BRISTOL	<b>LONGITUDE:</b>	-74.8824
<b>MSA:</b>	PHILADELPHIA	<b>ADDRESS:</b>	ROCKVIEW LANE

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Daily  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Reference Method

**Appendix C Monitoring Method:** RFPS-0498-118  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	CARLISLE	<b>AIRS Site ID:</b>	420410101
<b>COUNTY:</b>	CUMBERLAND	<b>LATITUDE:</b>	40.24661
<b>MUNICIPALITY:</b>	CARLISLE	<b>LONGITUDE:</b>	-77.1837
<b>MSA:</b>	HARRISBURG-LEBANON-CARLISLE	<b>ADDRESS:</b>	IMPERIAL COURT

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	EQPM-0308-170
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Beta Attenuation
<b>Sensor Purpose Designation:</b>	Population Exposure	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	BAM	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	EQPM-0202-145
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Daily	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	CHARLEROI	<b>AIRS Site ID:</b>	421250005
<b>COUNTY:</b>	WASHINGTON	<b>LATITUDE:</b>	40.14658
<b>MUNICIPALITY:</b>	CHARLEROI	<b>LONGITUDE:</b>	-79.9022
<b>MSA:</b>	PITTSBURGH	<b>ADDRESS:</b>	CHARLER01 WASTE TREATMENT PLANT

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epoaccess.gov/cfr/index.html>*



**Sensor Type:** Particulate Matter PM10  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Reference Method

**Appendix C Monitoring Method:** RFPS-1287-063  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Middle Scale  
**Appendix D Objectives:** Source Oriented  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** BAM

**Appendix C Monitoring Method:** EQPM-0308-170  
**Monitoring Method Description:** Beta Attenuation  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	CHESTER	<b>AIRS Site ID:</b>	420450002
<b>COUNTY:</b>	DELAWARE	<b>LATITUDE:</b>	39.83519
<b>MUNICIPALITY:</b>	CHESTER	<b>LONGITUDE:</b>	-75.3721
<b>MSA:</b>	PHILADELPHIA	<b>ADDRESS:</b>	FRONT ST & NORRIS ST

<b>Sensor Type:</b>	Lead/TSP	<b>Appendix C Monitoring Method:</b>	EQL-0592-086
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Metals/TSP	<b>Appendix C Monitoring Method:</b>	
<b>Sensor Network Designation:</b>	Other	<b>Monitoring Method Description:</b>	High Volume Sampler with Quartz Filter (24 Hour)
<b>Sensor Purpose Designation:</b>	Air Toxics	<b>Appendix D Design Criteria*:</b>	No
<b>Sample Frequency:</b>	1 in 6	<b>Appendix D Scale:</b>	
<b>Appendix A QA Assessment*:</b>	No	<b>Appendix D Objectives:</b>	
<b>Appendix C Monitoring Classification:</b>		<b>Appendix E Siting Criteria*:</b>	No

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epa.gov/cfr/index.html>

**Sensor Type:** Ozone  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQOA-0992-087  
**Monitoring Method Description:** UV Absorption  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM10  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** TEOM Automated Equivalent

**Appendix C Monitoring Method:** EQPM-1090-079  
**Monitoring Method Description:** TEOM Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** BAM

**Appendix C Monitoring Method:** EQPM-0308-170  
**Monitoring Method Description:** Beta Attenuation  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

**Sensor Type:** Sulfur Dioxide

**Sensor Network Designation:** SLAMS

**Sensor Purpose Designation:** Regulatory Compliance

**Sample Frequency:** Continuous

**Appendix A QA Assessment\*:** Yes

**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100

**Monitoring Method Description:** UV Fluorescence

**Appendix D Design Criteria\*:** Yes

**Appendix D Scale:** Urban Scale

**Appendix D Objectives:** Population Exposure

**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Volatile Organic Compound

**Sensor Network Designation:** Other

**Sensor Purpose Designation:** Air Toxicics

**Sample Frequency:** 1 in 6

**Appendix A QA Assessment\*:** No

**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**

**Monitoring Method Description:** Canister (24 Hour)

**Appendix D Design Criteria\*:** No

**Appendix D Scale:**

**Appendix D Objectives:**

**Appendix E Siting Criteria\*:** No

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	EAST CONEMAUGH	<b>AIRS Site ID:</b>	420210808
<b>COUNTY:</b>	CAMBRIA	<b>LATITUDE:</b>	40.34797
<b>MUNICIPALITY:</b>	EAST CONEMAUGH	<b>LONGITUDE:</b>	-78.8824
<b>MSA:</b>	JOHNSTOWN	<b>ADDRESS:</b>	EAST CONEMAUGH

<b>Sensor Type:</b>	Lead/TSP	<b>Appendix C Monitoring Method:</b>	EQL-0592-086
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Source Oriented
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	EASTON	<b>AIRS Site ID:</b>	420958000
<b>COUNTY:</b>	NORTHAMPTON	<b>LATITUDE:</b>	40.69230
<b>MUNICIPALITY:</b>	EASTON	<b>LONGITUDE:</b>	-75.2371
<b>MSA:</b>	ALLENTOWN-BETHLEHEM-EASTON	<b>ADDRESS:</b>	17TH AND SPRING GARDEN STREETS

<b>Sensor Type:</b>	Hydrogen Sulfide	<b>Appendix C Monitoring Method:</b>	NONE
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Fluorescence
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Max Ozone Concentration
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Sulfur Dioxide	<b>Appendix C Monitoring Method:</b>	EQSA-0495-100
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Fluorescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	ERIE	<b>AIRS Site ID:</b>	420490003
<b>COUNTY:</b>	ERIE	<b>LATITUDE:</b>	42.14197
<b>MUNICIPALITY:</b>	ERIE	<b>LONGITUDE:</b>	-80.0386
<b>MSA:</b>	ERIE	<b>ADDRESS:</b>	10TH AND MARNE STREETS

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>

**Sensor Type:** Particulate Matter PM10  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** TEOM Automated Equivalent

**Appendix C Monitoring Method:** EQPM-1090-079  
**Monitoring Method Description:** TEOM Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Daily  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Equivalent Method

**Appendix C Monitoring Method:** EQPM-0202-145  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>



**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>

<b>SITE NAME:</b> ERIE (Toxics Site)	<b>AIRS Site ID:</b>
<b>COUNTY:</b> ERIE	<b>LATITUDE:</b> 42.1620
<b>MUNICIPALITY:</b>	<b>LONGITUDE:</b> -80.1133
<b>MSA:</b>	<b>ADDRESS:</b> EAST FISHER DR.

<b>Sensor Type:</b> Metals/TSP	<b>Appendix C Monitoring Method:</b>
<b>Sensor Network Designation:</b> Other	<b>Monitoring Method Description:</b> High Volume Sampler with Quartz Filter (24 Hour)
<b>Sensor Purpose Designation:</b> Air Toxics	<b>Appendix D Design Criteria*:</b> No
<b>Sample Frequency:</b> 1 in 6	<b>Appendix D Scale:</b>
<b>Appendix A QA Assessment*:</b> No	<b>Appendix D Objectives:</b>
<b>Appendix C Monitoring Classification:</b>	<b>Appendix E Siting Criteria*:</b> No

**Comments:**

<b>Sensor Type:</b> Volatile Organic Compound	<b>Appendix C Monitoring Method:</b>
<b>Sensor Network Designation:</b> Other	<b>Monitoring Method Description:</b> Canister (24 Hour)
<b>Sensor Purpose Designation:</b> Air Toxics	<b>Appendix D Design Criteria*:</b> No
<b>Sample Frequency:</b> 1 in 6	<b>Appendix D Scale:</b>
<b>Appendix A QA Assessment*:</b> No	<b>Appendix D Objectives:</b>
<b>Appendix C Monitoring Classification:</b>	<b>Appendix E Siting Criteria*:</b> No

**Comments:**

\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at

<http://www.epoaccess.gov/cfr/index.html>

<b>SITE NAME:</b> FARRELL	<b>AIRS Site ID:</b> 420850100
<b>COUNTY:</b> MERCER	<b>LATITUDE:</b> 41.21405
<b>MUNICIPALITY:</b> FARRELL	<b>LONGITUDE:</b> -80.4834
<b>MSA:</b> NOT IN A MSA	<b>ADDRESS:</b> PA518 (NEW CASTLE ROAD) & PA418

<b>Sensor Type:</b> Ozone	<b>Appendix C Monitoring Method:</b> EQOA-0992-087
<b>Sensor Network Designation:</b> SLAMS	<b>Monitoring Method Description:</b> UV Absorption
<b>Sensor Purpose Designation:</b> Regulatory Compliance	<b>Appendix D Design Criteria*:</b> Yes
<b>Sample Frequency:</b> Continuous	<b>Appendix D Scale:</b> Urban Scale
<b>Appendix A QA Assessment*:</b> Yes	<b>Appendix D Objectives:</b> Highest Concentration
<b>Appendix C Monitoring Classification:</b> Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b> Yes

**Comments:**

<b>Sensor Type:</b> Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b> EQPM-0202-145
<b>Sensor Network Designation:</b> SLAMS	<b>Monitoring Method Description:</b> Gravimetric
<b>Sensor Purpose Designation:</b> Regulatory Compliance	<b>Appendix D Design Criteria*:</b> Yes
<b>Sample Frequency:</b> Daily	<b>Appendix D Scale:</b> Urban Scale
<b>Appendix A QA Assessment*:</b> Yes	<b>Appendix D Objectives:</b> Highest Concentration
<b>Appendix C Monitoring Classification:</b> Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b> Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	FLORENCE	<b>AIRS Site ID:</b>	421255001
<b>COUNTY:</b>	WASHINGTON	<b>LATITUDE:</b>	40.44547
<b>MUNICIPALITY:</b>	FLORENCE	<b>LONGITUDE:</b>	-80.4212
<b>MSA:</b>	PITTSBURGH	<b>ADDRESS:</b>	HILLMAN STATE PARK - KINGS CREEK ROAD

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	EQPM-0202-145
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Daily	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	PM2.5 Speciation	<b>Appendix C Monitoring Method:</b>	None
<b>Sensor Network Designation:</b>	STN	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Research/Scientific Monitoring	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Speciation	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epaaccess.gov/cfr/index.html>*

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SPM  
**Sensor Purpose Designation:** Specific Location Characterization  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Regional Scale  
**Appendix D Objectives:** Regional Transport  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	<b>FREEMANSBURG</b>	<b>AIRS Site ID:</b>	<b>420950025</b>
<b>COUNTY:</b>	<b>NORTHAMPTON</b>	<b>LATITUDE:</b>	<b>40.62847</b>
<b>MUNICIPALITY:</b>	<b>FREEMANSBURG</b>	<b>LONGITUDE:</b>	<b>-75.3415</b>
<b>MSA:</b>	<b>ALLENTOWN-BETHLEHEM-EASTON</b>	<b>ADDRESS:</b>	<b>WASHINGTON &amp; CAMBRIA STS. FREEMANSBURG</b>

<b>Sensor Type:</b>	<b>Carbon Monoxide</b>	<b>Appendix C Monitoring Method:</b>	<b>RFCA-1093-093</b>
<b>Sensor Network Designation:</b>	<b>SLAMS</b>	<b>Monitoring Method Description:</b>	<b>Non-dispersive Infrared</b>
<b>Sensor Purpose Designation:</b>	<b>Regulatory Compliance</b>	<b>Appendix D Design Criteria*:</b>	<b>Yes</b>
<b>Sample Frequency:</b>	<b>Continuous</b>	<b>Appendix D Scale:</b>	<b>Neighborhood</b>
<b>Appendix A QA Assessment*:</b>	<b>Yes</b>	<b>Appendix D Objectives:</b>	<b>Population Exposure</b>
<b>Appendix C Monitoring Classification:</b>	<b>Automated Reference Method</b>	<b>Appendix E Siting Criteria*:</b>	<b>Yes</b>

**Comments:**

<b>Sensor Type:</b>	<b>Nitrogen Dioxide</b>	<b>Appendix C Monitoring Method:</b>	<b>RFNA-1194-099</b>
<b>Sensor Network Designation:</b>	<b>SPM</b>	<b>Monitoring Method Description:</b>	<b>Chemiluminescence</b>
<b>Sensor Purpose Designation:</b>	<b>Population Exposure</b>	<b>Appendix D Design Criteria*:</b>	<b>Yes</b>
<b>Sample Frequency:</b>	<b>Continuous</b>	<b>Appendix D Scale:</b>	<b>Neighborhood</b>
<b>Appendix A QA Assessment*:</b>	<b>Yes</b>	<b>Appendix D Objectives:</b>	<b>Population Exposure</b>
<b>Appendix C Monitoring Classification:</b>	<b>Automated Reference Method</b>	<b>Appendix E Siting Criteria*:</b>	<b>Yes</b>

**Comments:**

<b>Sensor Type:</b>	<b>Ozone</b>	<b>Appendix C Monitoring Method:</b>	<b>EQOA-0992-087</b>
<b>Sensor Network Designation:</b>	<b>SLAMS</b>	<b>Monitoring Method Description:</b>	<b>UV Absorption</b>
<b>Sensor Purpose Designation:</b>	<b>Regulatory Compliance</b>	<b>Appendix D Design Criteria*:</b>	<b>Yes</b>
<b>Sample Frequency:</b>	<b>Continuous</b>	<b>Appendix D Scale:</b>	<b>Neighborhood</b>
<b>Appendix A QA Assessment*:</b>	<b>Yes</b>	<b>Appendix D Objectives:</b>	<b>Population Exposure</b>
<b>Appendix C Monitoring Classification:</b>	<b>Automated Equivalent Method</b>	<b>Appendix E Siting Criteria*:</b>	<b>Yes</b>

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Daily  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Equivalent Method

**Appendix C Monitoring Method:** EQPM-0202-145  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** TEOM

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	GREENSBURG	<b>AIRS Site ID:</b>	421290008
<b>COUNTY:</b>	WESTMORELAND	<b>LATITUDE:</b>	40.30438
<b>MUNICIPALITY:</b>	GREENSBURG	<b>LONGITUDE:</b>	-79.5060
<b>MSA:</b>	PITTSBURGH	<b>ADDRESS:</b>	DONOHOE ROAD - PENN DOT MAINT DIST BLDG

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Max Ozone Concentration
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	EQPM-0202-145
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Daily	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	PM2.5 Speciation	<b>Appendix C Monitoring Method:</b>	None
<b>Sensor Network Designation:</b>	STN	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Research/Scientific Monitoring	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Speciation	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>



<b>SITE NAME:</b>	HARRISBURG	<b>AIRS Site ID:</b>	420430401
<b>COUNTY:</b>	DAUPHIN	<b>LATITUDE:</b>	40.24508
<b>MUNICIPALITY:</b>	HARRISBURG	<b>LONGITUDE:</b>	-76.8447
<b>MSA:</b>	HARRISBURG-LEBANON-CARLISLE	<b>ADDRESS:</b>	1833 UPS DRIVE HARRISBURG PA

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

**Sensor Type:** Particulate Matter PM10  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** TEOM Automated Equivalent

**Appendix C Monitoring Method:** EQPM-1090-079  
**Monitoring Method Description:** TEOM Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** BAM

**Appendix C Monitoring Method:** EQPM-0308-170  
**Monitoring Method Description:** Beta Attenuation  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	HERSHEY	<b>AIRS Site ID:</b>	420431100
<b>COUNTY:</b>	DAUPHIN	<b>LATITUDE:</b>	40.27241
<b>MUNICIPALITY:</b>	HERSHEY	<b>LONGITUDE:</b>	-76.6814
<b>MSA:</b>	HARRISBURG-LEBANON-CARLISLE	<b>ADDRESS:</b>	SIPE AVE & MAE STREET

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Max Ozone Concentration
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	HOLBROOK	<b>AIRS Site ID:</b>	420590002
<b>COUNTY:</b>	GREENE	<b>LATITUDE:</b>	39.81602
<b>MUNICIPALITY:</b>	HOLBROOK	<b>LONGITUDE:</b>	-80.2848
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	4.8 KM SE OF HOLBROOK

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Sulfur Dioxide	<b>Appendix C Monitoring Method:</b>	EQSA-0495-100
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Fluorescence
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	HOOKSTOWN	<b>AIRS Site ID:</b>	420070002
<b>COUNTY:</b>	BEAVER	<b>LATITUDE:</b>	40.56305
<b>MUNICIPALITY:</b>	HOOKSTOWN	<b>LONGITUDE:</b>	-80.5044
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	ROUTE 168 & TOMLINSON ROAD

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Sulfur Dioxide	<b>Appendix C Monitoring Method:</b>	EQSA-0495-100
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Fluorescence
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	JOHNSTOWN	<b>AIRS Site ID:</b>	420210011
<b>COUNTY:</b>	CAMBRIA	<b>LATITUDE:</b>	40.30994
<b>MUNICIPALITY:</b>	JOHNSTOWN	<b>LONGITUDE:</b>	-78.9154
<b>MSA:</b>	JOHNSTOWN	<b>ADDRESS:</b>	MILLER AUTO SHOP 1 MESSENGER ST

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

**Sensor Type:** Particulate Matter PM10  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** TEOM Automated Equivalent

**Appendix C Monitoring Method:** EQPM-1090-079  
**Monitoring Method Description:** TEOM Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** BAM

**Appendix C Monitoring Method:** EQPM-0308-170  
**Monitoring Method Description:** Beta Attenuation  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Daily  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Reference Method

**Appendix C Monitoring Method:** RFPS-0498-118  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>



<b>SITE NAME:</b>	KITTANNING	<b>AIRS Site ID:</b>	420050001
<b>COUNTY:</b>	ARMSTRONG	<b>LATITUDE:</b>	40.814
<b>MUNICIPALITY:</b>	KITTANNING	<b>LONGITUDE:</b>	-79.5646
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	GLADE DR. & NOLTE RD. KITTANNING

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Extreme Downwind
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	None
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Population Exposure	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Extreme Downwind
<b>Appendix C Monitoring Classification:</b>	TEOM	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	KUTZTOWN	<b>AIRS Site ID:</b>	420110006
<b>COUNTY:</b>	BERKS	<b>LATITUDE:</b>	40.51408
<b>MUNICIPALITY:</b>	KUTZTOWN	<b>LONGITUDE:</b>	-75.7897
<b>MSA:</b>	READING	<b>ADDRESS:</b>	KUTZTOWN UNIVERSITY CAMPUS

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Extreme Downwind
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	LANCASTER	<b>AIRS Site ID:</b>	420710007
<b>COUNTY:</b>	LANCASTER	<b>LATITUDE:</b>	40.04686
<b>MUNICIPALITY:</b>	LANCASTER	<b>LONGITUDE:</b>	-76.2834
<b>MSA:</b>	LANCASTER	<b>ADDRESS:</b>	ABRAHAM LINCOLN JR HIGH GROFFTOWN RD

**Sensor Type:** Carbonyls

**Sensor Network Designation:** Other

**Sensor Purpose Designation:** Air Toxics

**Sample Frequency:** 1 in 6

**Appendix A QA Assessment\*:** No

**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**

**Monitoring Method Description:** DNPH - Coated Cartridges (24 Hour)

**Appendix D Design Criteria\*:** No

**Appendix D Scale:**

**Appendix D Objectives:**

**Appendix E Siting Criteria\*:** No

**Comments:**

**Sensor Type:** Mercury

**Sensor Network Designation:** Other

**Sensor Purpose Designation:** Air Toxics

**Sample Frequency:** 1 in 6

**Appendix A QA Assessment\*:** No

**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**

**Monitoring Method Description:** Tektron Vapor Analyzer

**Appendix D Design Criteria\*:** No

**Appendix D Scale:**

**Appendix D Objectives:**

**Appendix E Siting Criteria\*:** No

**Comments:**

**Sensor Type:** Metals/TSP

**Sensor Network Designation:** Other

**Sensor Purpose Designation:** Air Toxics

**Sample Frequency:** 1 in 6

**Appendix A QA Assessment\*:** No

**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**

**Monitoring Method Description:** High Volume Sampler with Quartz Filter (24 Hour)

**Appendix D Design Criteria\*:** No

**Appendix D Scale:**

**Appendix D Objectives:**

**Appendix E Siting Criteria\*:** No

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.gpoaccess.gov/cfr/index.html>*

**Sensor Type:** Nitrogen Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Reference Method

**Appendix C Monitoring Method:** RFNA-1194-099  
**Monitoring Method Description:** Chemiluminescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Ozone  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQOA-0992-087  
**Monitoring Method Description:** UV Absorption  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM10  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** TEOM Automated Equivalent

**Appendix C Monitoring Method:** EQPM-1090-079  
**Monitoring Method Description:** TEOM Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** FDMS

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Daily  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Reference Method

**Appendix C Monitoring Method:** RFPS-0498-118  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

**Sensor Type:** Volatile Organic Compound  
**Sensor Network Designation:** Other  
**Sensor Purpose Designation:** Air Toxics  
**Sample Frequency:** 1 in 6  
**Appendix A QA Assessment\*:** No  
**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**  
**Monitoring Method Description:** Canister (24 Hour)  
**Appendix D Design Criteria\*:** No  
**Appendix D Scale:**  
**Appendix D Objectives:**  
**Appendix E Siting Criteria\*:** No

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	LANCASTER DOWNWIND	<b>AIRS Site ID:</b>	420710012
<b>COUNTY:</b>	LANCASTER	<b>LATITUDE:</b>	40.04383
<b>MUNICIPALITY:</b>	LANCASTER	<b>LONGITUDE:</b>	-76.1124
<b>MSA:</b>	LANCASTER	<b>ADDRESS:</b>	3445 W. NEWPORT ROAD

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Extreme Downwind
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	LAURELDALE SOUTH	<b>AIRS Site ID:</b>	420111717
<b>COUNTY:</b>	BERKS	<b>LATITUDE:</b>	40.37730
<b>MUNICIPALITY:</b>	LAURELDALE SOUTH	<b>LONGITUDE:</b>	-75.9145
<b>MSA:</b>	READING	<b>ADDRESS:</b>	SPRING VALLEY ROAD

<b>Sensor Type:</b>	Lead/TSP	<b>Appendix C Monitoring Method:</b>	EQL-0592-086
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Middle Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Source Oriented
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>



<b>SITE NAME:</b> LEWISBURG	<b>AIRS Site ID:</b> 421190001
<b>COUNTY:</b> UNION	<b>LATITUDE:</b> 40.9552
<b>MUNICIPALITY:</b> LEWISBURG	<b>LONGITUDE:</b> -76.8819
<b>MSA:</b>	<b>ADDRESS:</b> 701 MOORE AVE

**Sensor Type:** Carbonyls

**Sensor Network Designation:** Other

**Sensor Purpose Designation:** Air Toxics

**Sample Frequency:** 1 in 6

**Appendix A QA Assessment\*:** No

**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**

**Monitoring Method Description:** DNPH - Coated Cartridges (24 Hour)

**Appendix D Design Criteria\*:** No

**Appendix D Scale:**

**Appendix D Objectives:**

**Appendix E Siting Criteria\*:** No

**Comments:**

**Sensor Type:** Metals/TSP

**Sensor Network Designation:** Other

**Sensor Purpose Designation:** Air Toxics

**Sample Frequency:** 1 in 6

**Appendix A QA Assessment\*:** No

**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**

**Monitoring Method Description:** High Volume Sampler with Quartz Filter (24 Hour)

**Appendix D Design Criteria\*:** No

**Appendix D Scale:**

**Appendix D Objectives:**

**Appendix E Siting Criteria\*:** No

**Comments:**

**Sensor Type:** Volatile Organic Compound

**Sensor Network Designation:** Other

**Sensor Purpose Designation:** Air Toxics

**Sample Frequency:** 1 in 6

**Appendix A QA Assessment\*:** No

**Appendix C Monitoring Classification:**

**Appendix C Monitoring Method:**

**Monitoring Method Description:** Canister (24 Hour)

**Appendix D Design Criteria\*:** No

**Appendix D Scale:**

**Appendix D Objectives:**

**Appendix E Siting Criteria\*:** No

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epaaccess.gov/cfr/index.html>*

<b>SITE NAME:</b>	LYONS EAST	<b>AIRS Site ID:</b>	420110717
<b>COUNTY:</b>	BERKS	<b>LATITUDE:</b>	40.47683
<b>MUNICIPALITY:</b>	LYONS	<b>LONGITUDE:</b>	-75.7585
<b>MSA:</b>	READING	<b>ADDRESS:</b>	LYONS STATION PO BOX

<b>Sensor Type:</b>	Lead/TSP	<b>Appendix C Monitoring Method:</b>	EQL-0592-086
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Middle Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Source Oriented
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	LYONS SOUTH	<b>AIRS Site ID:</b>	420110005
<b>COUNTY:</b>	BERKS	<b>LATITUDE:</b>	40.46633
<b>MUNICIPALITY:</b>	LYONS	<b>LONGITUDE:</b>	-75.759
<b>MSA:</b>	READING	<b>ADDRESS:</b>	HEFFNER AND DEKA ROAD

<b>Sensor Type:</b>	Lead/TSP	<b>Appendix C Monitoring Method:</b>	EQL-0592-086
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Middle Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Source Oriented
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	MARCUS HOOK	<b>AIRS Site ID:</b>	420450109
<b>COUNTY:</b>	DELAWARE	<b>LATITUDE:</b>	39.8178
<b>MUNICIPALITY:</b>	MARCUS HOOK	<b>LONGITUDE:</b>	-754142
<b>MSA:</b>		<b>ADDRESS:</b>	EAST 8TH AVE & CHURCH ST.

<b>Sensor Type:</b>	Metals/TSP	<b>Appendix C Monitoring Method:</b>	
<b>Sensor Network Designation:</b>	Other	<b>Monitoring Method Description:</b>	High Volume Sampler with Quartz Filter (24 Hour)
<b>Sensor Purpose Designation:</b>	Air Toxics	<b>Appendix D Design Criteria*:</b>	No
<b>Sample Frequency:</b>	1 in 6	<b>Appendix D Scale:</b>	
<b>Appendix A QA Assessment*:</b>	No	<b>Appendix D Objectives:</b>	
<b>Appendix C Monitoring Classification:</b>		<b>Appendix E Siting Criteria*:</b>	No

**Comments:**

<b>Sensor Type:</b>	Volatile Organic Compound	<b>Appendix C Monitoring Method:</b>	
<b>Sensor Network Designation:</b>	Other	<b>Monitoring Method Description:</b>	Canister (24 Hour)
<b>Sensor Purpose Designation:</b>	Air Toxics	<b>Appendix D Design Criteria*:</b>	No
<b>Sample Frequency:</b>	1 in 6	<b>Appendix D Scale:</b>	
<b>Appendix A QA Assessment*:</b>	No	<b>Appendix D Objectives:</b>	
<b>Appendix C Monitoring Classification:</b>		<b>Appendix E Siting Criteria*:</b>	No

**Comments:**

\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	METHODIST HILL	<b>AIRS Site ID:</b>	420550001
<b>COUNTY:</b>	FRANKLIN	<b>LATITUDE:</b>	39.96072
<b>MUNICIPALITY:</b>	SOUTHAMPTON TWP	<b>LONGITUDE:</b>	-77.4755
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	FOREST ROAD - METHODIST HILL

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	MONESSEN	<b>AIRS Site ID:</b>	421290007
<b>COUNTY:</b>	WESTMORELAND	<b>LATITUDE:</b>	40.16177
<b>MUNICIPALITY:</b>	MONESSEN	<b>LONGITUDE:</b>	-79.8846
<b>MSA:</b>	PITTSBURGH	<b>ADDRESS:</b>	435 DONNER AVENUE - COMMUNITY CENTER

<b>Sensor Type:</b>	Lead/TSP	<b>Appendix C Monitoring Method:</b>	EQL-0592-086
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Middle Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Source Oriented
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	MONTOURSVILLE	<b>AIRS Site ID:</b>	420810100
<b>COUNTY:</b>	LYCOMING	<b>LATITUDE:</b>	41.25019
<b>MUNICIPALITY:</b>	MONTOURSVILLE	<b>LONGITUDE:</b>	-76.9134
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	899 CHERRY STREET

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Max Ozone Concentration
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM10	<b>Appendix C Monitoring Method:</b>	RFPS-1287-063
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Manual Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	MOSHANNON (PSU)	<b>AIRS Site ID:</b>	420334000
<b>COUNTY:</b>	CLEARFIELD	<b>LATITUDE:</b>	41.1175
<b>MUNICIPALITY:</b>	ELLIOTT STATE PARK	<b>LONGITUDE:</b>	-78.5261
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	LOCATED NEAR S.B. ELLIOTT STATE PARK

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	General/Background
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>



<b>SITE NAME:</b>	MURRYSVILLE	<b>AIRS Site ID:</b>	421290006
<b>COUNTY:</b>	WESTMORELAND	<b>LATITUDE:</b>	40.42902
<b>MUNICIPALITY:</b>	MURRYSVILLE	<b>LONGITUDE:</b>	-79.6972
<b>MSA:</b>	PITTSBURGH	<b>ADDRESS:</b>	OLD WILLIAM PENN HWY & SARDIS AVE

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Max Ozone Concentration
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	NANTICOKE	<b>AIRS Site ID:</b>	420791100
<b>COUNTY:</b>	LUZERNE	<b>LATITUDE:</b>	41.20919
<b>MUNICIPALITY:</b>	NANTICOKE	<b>LONGITUDE:</b>	-76.0035
<b>MSA:</b>	SCRANTON-WILKES BARRE-HAZLETON	<b>ADDRESS:</b>	255 LOWER BROADWAY(NEXT TO LEON&EDDY'S)

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	General/Background
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	NAZARETH	<b>AIRS Site ID:</b>	420951000
<b>COUNTY:</b>	NORTHAMPTON	<b>LATITUDE:</b>	40.74055
<b>MUNICIPALITY:</b>	NAZARETH	<b>LONGITUDE:</b>	-75.3013
<b>MSA:</b>	ALLENTOWN-BETHLEHEM-EASTON	<b>ADDRESS:</b>	SOUTH GREEN & DELAWARE

<b>Sensor Type:</b>	Particulate Matter PM10	<b>Appendix C Monitoring Method:</b>	EQPM-1090-079
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	TEOM Gravimetric
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Source Oriented
<b>Appendix C Monitoring Classification:</b>	TEOM Automated Equivalent	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	NEW CASTLE	<b>AIRS Site ID:</b>	420730015
<b>COUNTY:</b>	LAWRENCE	<b>LATITUDE:</b>	40.99605
<b>MUNICIPALITY:</b>	NEW CASTLE	<b>LONGITUDE:</b>	-80.3465
<b>MSA:</b>	NOT IN MSA	<b>ADDRESS:</b>	CROTON ST & JEFFERSON ST.

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM10	<b>Appendix C Monitoring Method:</b>	EQPM-1090-079
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	TEOM Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	TEOM Automated Equivalent	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	NEW GARDEN	<b>AIRS Site ID:</b>	420290100
<b>COUNTY:</b>	CHESTER	<b>LATITUDE:</b>	39.83458
<b>MUNICIPALITY:</b>	NEW GARDEN	<b>LONGITUDE:</b>	-75.7680
<b>MSA:</b>	PHILADELPHIA	<b>ADDRESS:</b>	NEW GARDEN AIRPORT - TOUGHKENAMON

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	EQPM-0202-145
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Daily	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	PM2.5 Speciation	<b>Appendix C Monitoring Method:</b>	None
<b>Sensor Network Designation:</b>	STN	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Research/Scientific Monitoring	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Regional Transport
<b>Appendix C Monitoring Classification:</b>	Speciation	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epaaccess.gov/cfr/index.html>*

<b>SITE NAME:</b>	NORRISTOWN	<b>AIRS Site ID:</b>	420910013
<b>COUNTY:</b>	MONTGOMERY	<b>LATITUDE:</b>	40.11327
<b>MUNICIPALITY:</b>	NORRISTOWN	<b>LONGITUDE:</b>	-75.3086
<b>MSA:</b>	PHILADELPHIA	<b>ADDRESS:</b>	STATE ARMORY - 1046 BELVOIR RD

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	RFPS-0498-118
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Daily	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Manual Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	None
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Population Exposure	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	FDMS	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>



<b>SITE NAME:</b>	PECKVILLE	<b>AIRS Site ID:</b>	420690101
<b>COUNTY:</b>	LACKAWANNA	<b>LATITUDE:</b>	41.47908
<b>MUNICIPALITY:</b>	PECKVILLE	<b>LONGITUDE:</b>	-75.5781
<b>MSA:</b>	SCRANTON-WILKES BARRE-HAZLETON	<b>ADDRESS:</b>	WILSON FIRE CO. ERIE & PLEASANT

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Max Ozone Concentration
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	PERRY COUNTY	<b>AIRS Site ID:</b>	420990301
<b>COUNTY:</b>	PERRY	<b>LATITUDE:</b>	40.46
<b>MUNICIPALITY:</b>	NEWPORT	<b>LONGITUDE:</b>	-77.1687
<b>MSA:</b>	HARRISBURG-LEBANON-CARLISLE	<b>ADDRESS:</b>	720 GILL HILL ROAD, LITTLE BUFFALO STATE PARK

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	General/Background
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	General/Background
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Sulfur Dioxide	<b>Appendix C Monitoring Method:</b>	EQSA-0495-100
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Fluorescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	General/Background
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epoaccess.gov/cfr/index.html>*

<b>SITE NAME:</b>	PITTSBURGH	<b>AIRS Site ID:</b>	420030010
<b>COUNTY:</b>	ALLEGHENY	<b>LATITUDE:</b>	40.44591
<b>MUNICIPALITY:</b>	PITTSBURGH	<b>LONGITUDE:</b>	-80.0186
<b>MSA:</b>	PITTSBURGH	<b>ADDRESS:</b>	CARNEGIE SCIENCE CENTER - 1 ALLEGHENY RD

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Population Exposure	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Population Exposure	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Population Exposure	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epoaccess.gov/cfr/index.html>*

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SPM  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	POCONO	<b>AIRS Site ID:</b>	420890002
<b>COUNTY:</b>	MONROE	<b>LATITUDE:</b>	41.08306
<b>MUNICIPALITY:</b>	SWIFTWATER	<b>LONGITUDE:</b>	-75.3232
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	DEP/DCNR Pocono District Office

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	READING AIRPORT	<b>AIRS Site ID:</b>	420110011
<b>COUNTY:</b>	BERKS	<b>LATITUDE:</b>	40.38335
<b>MUNICIPALITY:</b>	READING	<b>LONGITUDE:</b>	-75.9686
<b>MSA:</b>	READING	<b>ADDRESS:</b>	1059 ARNOLD ROAD

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Metals/TSP	<b>Appendix C Monitoring Method:</b>	
<b>Sensor Network Designation:</b>	Other	<b>Monitoring Method Description:</b>	High Volume Sampler with Quartz Filter (24 Hour)
<b>Sensor Purpose Designation:</b>	Air Toxics	<b>Appendix D Design Criteria*:</b>	No
<b>Sample Frequency:</b>	1 in 6	<b>Appendix D Scale:</b>	
<b>Appendix A QA Assessment*:</b>	No	<b>Appendix D Objectives:</b>	
<b>Appendix C Monitoring Classification:</b>		<b>Appendix E Siting Criteria*:</b>	No

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epoaccess.gov/cfr/index.html>*

**Sensor Type:** Ozone

**Sensor Network Designation:** SLAMS

**Sensor Purpose Designation:** Regulatory Compliance

**Sample Frequency:** Continuous

**Appendix A QA Assessment\*:** Yes

**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQOA-0992-087

**Monitoring Method Description:** UV Absorption

**Appendix D Design Criteria\*:** Yes

**Appendix D Scale:** Neighborhood

**Appendix D Objectives:** Population Exposure

**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM10

**Sensor Network Designation:** SLAMS

**Sensor Purpose Designation:** Regulatory Compliance

**Sample Frequency:** Continuous

**Appendix A QA Assessment\*:** Yes

**Appendix C Monitoring Classification:** TEOM Automated Equivalent

**Appendix C Monitoring Method:** EQPM-1090-079

**Monitoring Method Description:** TEOM Gravimetric

**Appendix D Design Criteria\*:** Yes

**Appendix D Scale:** Neighborhood

**Appendix D Objectives:** Population Exposure

**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5

**Sensor Network Designation:** SLAMS

**Sensor Purpose Designation:** Population Exposure

**Sample Frequency:** Continuous

**Appendix A QA Assessment\*:** Yes

**Appendix C Monitoring Classification:** FDMS

**Appendix C Monitoring Method:** None

**Monitoring Method Description:** Gravimetric

**Appendix D Design Criteria\*:** Yes

**Appendix D Scale:** Neighborhood

**Appendix D Objectives:** Population Exposure

**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Daily  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Reference Method

**Appendix C Monitoring Method:** RFPS-0498-118  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>



*Sensor Type:* Volatile Organic Compound  
*Sensor Network Designation:* Other  
*Sensor Purpose Designation:* Air Toxics  
*Sample Frequency:* 1 in 6  
*Appendix A QA Assessment\*:* No  
*Appendix C Monitoring Classification:*

*Appendix C Monitoring Method:*  
*Monitoring Method Description:* Canister (24 Hour)  
*Appendix D Design Criteria\*:* No  
*Appendix D Scale:*  
*Appendix D Objectives:*  
*Appendix E Siting Criteria\*:* No

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	SCRANTON	<b>AIRS Site ID:</b>	420692006
<b>COUNTY:</b>	LACKAWANNA	<b>LATITUDE:</b>	41.44286
<b>MUNICIPALITY:</b>	SCRANTON	<b>LONGITUDE:</b>	-75.623
<b>MSA:</b>	SCRANTON-WILKES BARRE-HAZLETON	<b>ADDRESS:</b>	GEORGE ST TROOP AND CITY OF SCRANTON

**Sensor Type:** Carbon Monoxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Reference Method

**Appendix C Monitoring Method:** RFCA-1093-093  
**Monitoring Method Description:** Non-dispersive Infrared  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Nitrogen Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Reference Method

**Appendix C Monitoring Method:** RFNA-1194-099  
**Monitoring Method Description:** Chemiluminescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Ozone  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQOA-0992-087  
**Monitoring Method Description:** UV Absorption  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epoaccess.gov/cfr/index.html>*

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** BAM

**Appendix C Monitoring Method:** EQPM-0308-170  
**Monitoring Method Description:** Beta Attenuation  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	STATE COLLEGE (PSU)	<b>AIRS Site ID:</b>	420270100
<b>COUNTY:</b>	CENTRE	<b>LATITUDE:</b>	40.81116
<b>MUNICIPALITY:</b>	STATE COLLEGE	<b>LONGITUDE:</b>	-77.8772
<b>MSA:</b>	STATE COLLEGE	<b>ADDRESS:</b>	PENN STATE UNIVERSITY - ARBORETUM SITE

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	EQPM-0202-145
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Daily	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epaaccess.gov/cfr/index.html>*

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SPM  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Neighborhood  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	STRONGSTOWN	<b>AIRS Site ID:</b>	420630004
<b>COUNTY:</b>	INDIANA	<b>LATITUDE:</b>	40.5633
<b>MUNICIPALITY:</b>	STRONGSTOWN	<b>LONGITUDE:</b>	-78.9199
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	PA. DEPT. OF TRANSPORTATION - RT.403

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Sulfur Dioxide	<b>Appendix C Monitoring Method:</b>	EQSA-0495-100
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Fluorescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.gpoaccess.gov/cfr/index.html>*

<b>SITE NAME:</b>	SWARTHMORE	<b>AIRS Site ID:</b>	420450003
<b>COUNTY:</b>	DELAWARE	<b>LATITUDE:</b>	39.8969
<b>MUNICIPALITY:</b>	SWARTHMORE	<b>LONGITUDE:</b>	-75.3539
<b>MSA:</b>		<b>ADDRESS:</b>	500 COLLEGE AVE.

<b>Sensor Type:</b>	Metals/TSP	<b>Appendix C Monitoring Method:</b>	
<b>Sensor Network Designation:</b>	Other	<b>Monitoring Method Description:</b>	High Volume Sampler with Quartz Filter (24 Hour)
<b>Sensor Purpose Designation:</b>	Air Toxics	<b>Appendix D Design Criteria*:</b>	No
<b>Sample Frequency:</b>	1 in 6	<b>Appendix D Scale:</b>	
<b>Appendix A QA Assessment*:</b>	No	<b>Appendix D Objectives:</b>	
<b>Appendix C Monitoring Classification:</b>		<b>Appendix E Siting Criteria*:</b>	No

**Comments:**

<b>Sensor Type:</b>	Volatile Organic Compound	<b>Appendix C Monitoring Method:</b>	
<b>Sensor Network Designation:</b>	Other	<b>Monitoring Method Description:</b>	Canister (24 Hour)
<b>Sensor Purpose Designation:</b>	Air Toxics	<b>Appendix D Design Criteria*:</b>	No
<b>Sample Frequency:</b>	1 in 6	<b>Appendix D Scale:</b>	
<b>Appendix A QA Assessment*:</b>	No	<b>Appendix D Objectives:</b>	
<b>Appendix C Monitoring Classification:</b>		<b>Appendix E Siting Criteria*:</b>	No

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	TIOGA COUNTY (PSU)	<b>AIRS Site ID:</b>	421174000
<b>COUNTY:</b>	TIOGA	<b>LATITUDE:</b>	41.64558
<b>MUNICIPALITY:</b>	GLEASON	<b>LONGITUDE:</b>	-76.9379
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	TIOGA

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SPM	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Regional Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	General/Background
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>



<b>SITE NAME:</b>	VANPORT	<b>AIRS Site ID:</b>	420070505
<b>COUNTY:</b>	BEAVER	<b>LATITUDE:</b>	40.68486
<b>MUNICIPALITY:</b>	VANPORT	<b>LONGITUDE:</b>	-80.3229
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	TAMAQUI DR

<b>Sensor Type:</b>	Lead/TSP	<b>Appendix C Monitoring Method:</b>	EQL-0592-086
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Specific Location Characterization	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Every 6th day	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Source Oriented
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	WARREN OVER LOOK	<b>AIRS Site ID:</b>	421230004
<b>COUNTY:</b>	WARREN	<b>LATITUDE:</b>	41.84372
<b>MUNICIPALITY:</b>	WARREN	<b>LONGITUDE:</b>	-79.1728
<b>MSA:</b>	NOT IN A MSA	<b>ADDRESS:</b>	OVERLOOK SITE - NEAR STONE HILL ROAD

<b>Sensor Type:</b>	Sulfur Dioxide	<b>Appendix C Monitoring Method:</b>	EQSA-0495-100
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Fluorescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Highest Concentration
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	WASHINGTON	<b>AIRS Site ID:</b>	421250200
<b>COUNTY:</b>	WASHINGTON	<b>LATITUDE:</b>	40.17063
<b>MUNICIPALITY:</b>	WASHINGTON	<b>LONGITUDE:</b>	-80.2617
<b>MSA:</b>	PITTSBURGH	<b>ADDRESS:</b>	MCCARRELL AND FAYETTE STS

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Particulate Matter PM2.5	<b>Appendix C Monitoring Method:</b>	EQPM-0202-145
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Gravimetric
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Daily	<b>Appendix D Scale:</b>	Neighborhood
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Manual Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.gpoaccess.gov/cfr/index.html>*

<b>SITE NAME:</b> WILKES BARRE	<b>AIRS Site ID:</b> 420791101
<b>COUNTY:</b> LUZERNE	<b>LATITUDE:</b> 41.26597
<b>MUNICIPALITY:</b> WILKES BARRE	<b>LONGITUDE:</b> -75.8463
<b>MSA:</b> SCRANTON-WILKES BARRE-HAZLETON	<b>ADDRESS:</b> CHILWICK & WASHINGTON STS

<b>Sensor Type:</b> Ozone	<b>Appendix C Monitoring Method:</b> EQOA-0992-087
<b>Sensor Network Designation:</b> SLAMS	<b>Monitoring Method Description:</b> UV Absorption
<b>Sensor Purpose Designation:</b> Regulatory Compliance	<b>Appendix D Design Criteria*:</b> Yes
<b>Sample Frequency:</b> Continuous	<b>Appendix D Scale:</b> Neighborhood
<b>Appendix A QA Assessment*:</b> Yes	<b>Appendix D Objectives:</b> Population Exposure
<b>Appendix C Monitoring Classification:</b> Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b> Yes

**Comments:**

<b>Sensor Type:</b> Particulate Matter PM10	<b>Appendix C Monitoring Method:</b> EQPM-1090-079
<b>Sensor Network Designation:</b> SLAMS	<b>Monitoring Method Description:</b> TEOM Gravimetric
<b>Sensor Purpose Designation:</b> Regulatory Compliance	<b>Appendix D Design Criteria*:</b> Yes
<b>Sample Frequency:</b> Continuous	<b>Appendix D Scale:</b> Neighborhood
<b>Appendix A QA Assessment*:</b> Yes	<b>Appendix D Objectives:</b> Population Exposure
<b>Appendix C Monitoring Classification:</b> TEOM Automated Equivalent	<b>Appendix E Siting Criteria*:</b> Yes

**Comments:**

<b>Sensor Type:</b> Sulfur Dioxide	<b>Appendix C Monitoring Method:</b> EQSA-0495-100
<b>Sensor Network Designation:</b> SLAMS	<b>Monitoring Method Description:</b> UV Fluorescence
<b>Sensor Purpose Designation:</b> Regulatory Compliance	<b>Appendix D Design Criteria*:</b> Yes
<b>Sample Frequency:</b> Continuous	<b>Appendix D Scale:</b> Neighborhood
<b>Appendix A QA Assessment*:</b> Yes	<b>Appendix D Objectives:</b> Population Exposure
<b>Appendix C Monitoring Classification:</b> Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b> Yes

**Comments:**

\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at <http://www.epoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	YORK	<b>AIRS Site ID:</b>	421330008
<b>COUNTY:</b>	YORK	<b>LATITUDE:</b>	39.96552
<b>MUNICIPALITY:</b>	YORK	<b>LONGITUDE:</b>	-76.6995
<b>MSA:</b>	YORK	<b>ADDRESS:</b>	HILL ST.

<b>Sensor Type:</b>	Carbon Monoxide	<b>Appendix C Monitoring Method:</b>	RFCA-1093-093
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Non-dispersive Infrared
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Nitrogen Dioxide	<b>Appendix C Monitoring Method:</b>	RFNA-1194-099
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	Chemiluminescence
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Reference Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Population Exposure
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

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<http://www.epaaccess.gov/cfr/index.html>

**Sensor Type:** Particulate Matter PM10  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** TEOM Automated Equivalent

**Appendix C Monitoring Method:** EQPM-1090-079  
**Monitoring Method Description:** TEOM Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Daily  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Manual Reference Method

**Appendix C Monitoring Method:** RFPS-0498-118  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Particulate Matter PM2.5  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Population Exposure  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** FDMS

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.epaaccess.gov/cfr/index.html>

**Sensor Type:** PM2.5 Speciation  
**Sensor Network Designation:** STN  
**Sensor Purpose Designation:** Research/Scientific Monitoring  
**Sample Frequency:** Every 6th day  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Speciation

**Appendix C Monitoring Method:** None  
**Monitoring Method Description:** Gravimetric  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

**Sensor Type:** Sulfur Dioxide  
**Sensor Network Designation:** SLAMS  
**Sensor Purpose Designation:** Regulatory Compliance  
**Sample Frequency:** Continuous  
**Appendix A QA Assessment\*:** Yes  
**Appendix C Monitoring Classification:** Automated Equivalent Method

**Appendix C Monitoring Method:** EQSA-0495-100  
**Monitoring Method Description:** UV Fluorescence  
**Appendix D Design Criteria\*:** Yes  
**Appendix D Scale:** Urban Scale  
**Appendix D Objectives:** Population Exposure  
**Appendix E Siting Criteria\*:** Yes

**Comments:**

*\*The Pennsylvania Department of Environmental Protection, Bureau of Air Quality, maintains its ambient air monitoring network in accordance with the quality assurance requirements of 40 CFR Part 58, Appendix A, designs its network in accordance with Appendix D, and locates its sites to meet all requirements of Appendix E. Detailed Appendix A, D and E requirements appear at*

<http://www.gpoaccess.gov/cfr/index.html>

<b>SITE NAME:</b>	YORK DOWNWIND	<b>AIRS Site ID:</b>	421330011
<b>COUNTY:</b>	YORK	<b>LATITUDE:</b>	39.86097
<b>MUNICIPALITY:</b>	YORK	<b>LONGITUDE:</b>	-76.4620
<b>MSA:</b>	YORK	<b>ADDRESS:</b>	2650 DELTA ROAD

<b>Sensor Type:</b>	Ozone	<b>Appendix C Monitoring Method:</b>	EQOA-0992-087
<b>Sensor Network Designation:</b>	SLAMS	<b>Monitoring Method Description:</b>	UV Absorption
<b>Sensor Purpose Designation:</b>	Regulatory Compliance	<b>Appendix D Design Criteria*:</b>	Yes
<b>Sample Frequency:</b>	Continuous	<b>Appendix D Scale:</b>	Urban Scale
<b>Appendix A QA Assessment*:</b>	Yes	<b>Appendix D Objectives:</b>	Extreme Downwind
<b>Appendix C Monitoring Classification:</b>	Automated Equivalent Method	<b>Appendix E Siting Criteria*:</b>	Yes

**Comments:**

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<http://www.epaaccess.gov/cfr/index.html>