

NORTHEAST DISTRICT OFFICE  
JURISDICTION MAP



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**Site Name: Conneaut**

AQS Site ID: **39-007-1001**  
Agency: Ohio EPA, Northeast District Office  
Primary QA Org.: Ohio EPA, Northeast District Office  
MSA: monitor not located in a MSA  
Address: 770 Lake Rd., Conneaut 44030  
Latitude: 41.959444  
Longitude: -80.572500



**Site description:** This is a SLAMS SO<sub>2</sub> and ozone monitoring site located on a roof at the Conneaut Water Plant. It monitors SO<sub>2</sub> emissions from a major power plant and the ozone concentrations emanating from the Cleveland MSA, from across Lake Erie and the transport of ozone from Ohio into Pennsylvania. Location setting is suburban and land use is residential.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: neighborhood. Monitoring objective are to determine compliance with the SO<sub>2</sub> and ozone NAAQS.

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**Ambient Air Quality Monitors**

| Parameter                    | Currently Operating                 | Collection Method | Operating Schedule | Monitor Start Date | Proposed Change                     |
|------------------------------|-------------------------------------|-------------------|--------------------|--------------------|-------------------------------------|
| PM <sub>2.5</sub> FRM        | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Continuous | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Speciation | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| O <sub>3</sub>               | <input checked="" type="checkbox"/> | 47                | Hourly             | 3/19/1976          | <input type="checkbox"/>            |
| PM <sub>10</sub>             | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| SO <sub>2</sub>              | <input checked="" type="checkbox"/> | 60                | Hourly             | 3/19/1976          | <input type="checkbox"/>            |
| NO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| CO                           | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Pb                           | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| TSP                          | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Metals                       | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Air Toxics                   | <input type="checkbox"/>            |                   | NA                 |                    | <input type="checkbox"/>            |
| Meteorology                  | <input type="checkbox"/>            |                   |                    |                    | <input type="checkbox"/>            |
| Other                        | <input type="checkbox"/>            |                   |                    |                    | <input checked="" type="checkbox"/> |

\* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

**Description of any proposed changes:**

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**Quality Assurance**

- Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58  
**Comments:**

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**Site Name: Port Authority**AQS Site ID: **39-029-0019**

Agency: Ohio EPA, Northeast District Office

Primary QA Org.: Ohio EPA, Northeast District Office

MSA: Youngstown-Warren-Boardman

Address: 1250 George, East Liverpool 43920

Latitude: 40.63157

Longitude: -80.54713



**Site description:** This is a SLAMS Lead and Metals monitoring site located at the Columbiana county Port Authority. It monitors the metals and lead emissions emitted from a large incinerator located next to the site. Location setting is suburban and land use is industrial.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: Neighborhood. Monitoring objective is to quantify heavy metals concentrations in the vicinity of a large industrial incinerator in East Liverpool.

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**Ambient Air Quality Monitors**

| Parameter                    | Currently Operating                 | Collection Method | Operating Schedule | Monitor Start Date | Proposed Change                     |
|------------------------------|-------------------------------------|-------------------|--------------------|--------------------|-------------------------------------|
| PM <sub>2.5</sub> FRM        | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Continuous | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Speciation | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| O <sub>3</sub>               | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>10</sub>             | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| SO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| NO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| CO                           | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Pb                           | <input checked="" type="checkbox"/> | 110               | 1:6                | 10/27/1992         | <input checked="" type="checkbox"/> |
| TSP                          | <input checked="" type="checkbox"/> | 91                | 1:6                | 10/27/1992         | <input checked="" type="checkbox"/> |
| Metals                       | <input checked="" type="checkbox"/> | 110               | 1:6                | 10/27/1992         | <input checked="" type="checkbox"/> |
| Air Toxics                   | <input type="checkbox"/>            |                   | NA                 |                    | <input type="checkbox"/>            |
| Meteorology                  | <input type="checkbox"/>            |                   |                    |                    | <input type="checkbox"/>            |
| Other                        | <input type="checkbox"/>            |                   |                    |                    | <input type="checkbox"/>            |

\* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

**Description of any proposed changes:** The sampling results from this TSP monitor will be converted to local standard and pressure beginning in January 2010.

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**Quality Assurance**

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

**Comments:**

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**Site Name: East Liverpool WTP**

AQS Site ID: **39-029-0020**  
Agency: Ohio EPA, Northeast District Office  
Primary QA Org.: Ohio EPA, Northeast District Office  
MSA: Youngstown-Warren-Boardman  
Address: 2220 Michigan Ave, East Liverpool 43920  
Latitude: 40.639722  
Longitude: -80.523889



**Site description:** This is a SLAMS Lead and Metals monitoring site located at the Columbiana county Port Authority water treatment plant. It monitors the metals and lead emissions emitted from a large incinerator located near the site.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: Neighborhood. Monitoring objective is to quantify heavy metals concentrations in the vicinity of a large industrial incinerator in East Liverpool.

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**Ambient Air Quality Monitors**

| Parameter                    | Currently Operating                 | Collection Method | Operating Schedule | Monitor Start Date | Proposed Change                     |
|------------------------------|-------------------------------------|-------------------|--------------------|--------------------|-------------------------------------|
| PM <sub>2.5</sub> FRM        | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Continuous | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Speciation | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| O <sub>3</sub>               | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>10</sub>             | <input checked="" type="checkbox"/> | 62                | 1:6                | 6/21/1997          | <input type="checkbox"/>            |
| SO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| NO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| CO                           | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Pb                           | <input checked="" type="checkbox"/> | 110               | 1:6                | 1/1/1993           | <input checked="" type="checkbox"/> |
| TSP                          | <input checked="" type="checkbox"/> | 91                | 1:6                | 6/1/1997           | <input checked="" type="checkbox"/> |
| Metals                       | <input checked="" type="checkbox"/> | 110               | 1:6                | 1/1/1993           | <input checked="" type="checkbox"/> |
| Air Toxics                   | <input type="checkbox"/>            |                   | NA                 |                    | <input type="checkbox"/>            |
| Meteorology                  | <input type="checkbox"/>            |                   |                    |                    | <input type="checkbox"/>            |
| Other                        | <input checked="" type="checkbox"/> | Metals            |                    | 1/1/1993           | <input type="checkbox"/>            |

\* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

**Description of any proposed changes:** The sampling results from this TSP monitor will be converted to local standard and pressure beginning in January 2010.

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**Quality Assurance**

- Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58  
**Comments:**

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**Site Name: Eastside Elementary School**AQS Site ID: **39-029-0022**

Agency: Ohio EPA, Northeast District Office

Primary QA Org.: Ohio EPA, Northeast District Office

MSA: Youngstown-Warren-Boardman

Address: 500 Maryland Ave., East Liverpool 43920

Latitude: 40.635000

Longitude: -80.546667



**Site description:** This is a SLAMS Lead and Metals monitoring site located on the roof of the Eastside Elementary School in East Liverpool. It monitors the metals and lead emissions emitted from a large incinerator located near the site. The location setting is suburban. Land use is industrial.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: Neighborhood. Monitoring objective is to quantify heavy metals concentrations in the vicinity of a large industrial incinerator in East Liverpool.

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**Ambient Air Quality Monitors**

| Parameter                    | Currently Operating                 | Collection Method | Operating Schedule | Monitor Start Date | Proposed Change          |
|------------------------------|-------------------------------------|-------------------|--------------------|--------------------|--------------------------|
| PM <sub>2.5</sub> FRM        | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/> |
| PM <sub>2.5</sub> Continuous | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/> |
| PM <sub>2.5</sub> Speciation | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/> |
| O <sub>3</sub>               | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/> |
| PM <sub>10</sub>             | <input checked="" type="checkbox"/> | 62                | 1:6                | 1/1/2003           | <input type="checkbox"/> |
| SO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/> |
| NO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/> |
| CO                           | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/> |
| Pb                           | <input checked="" type="checkbox"/> | 110               | 1:6                | 1/1/2003           | <input type="checkbox"/> |
| TSP                          | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/> |
| Metals                       | <input checked="" type="checkbox"/> | 110               | 1:6                | 1/1/2003           | <input type="checkbox"/> |
| Air Toxics                   | <input type="checkbox"/>            |                   | NA                 |                    | <input type="checkbox"/> |
| Meteorology                  | <input type="checkbox"/>            |                   |                    |                    | <input type="checkbox"/> |
| Other                        | <input type="checkbox"/>            |                   |                    |                    | <input type="checkbox"/> |

\* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

**Description of any proposed changes:**

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**Quality Assurance**

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

**Comments:** The PM<sub>10</sub> monitor has a colocated sampler for QA purposes.

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**Site Name: Sheffield**AQS Site ID: **39-093-0018**

Agency: Ohio EPA, Northeast District Office

Primary QA Org.: Ohio EPA, Northeast District Office

MSA: Cleveland-Elyria-Mentor

Address: 4706 Detroit Road, Sheffield 44056

Latitude: 41.420882

Longitude: -82.095729



**Site description:** This is a SLAMS ozone monitoring site located on a roof at the. It monitors the upwind transport of ozone into the Cleveland MSA from the west. Location setting is suburban and land use is commercial.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: Urban. Monitoring objective is to determine compliance with the ozone NAAQS.

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**Ambient Air Quality Monitors**

| Parameter                    | Currently Operating                 | Collection Method | Operating Schedule | Monitor Start Date | Proposed Change                     |
|------------------------------|-------------------------------------|-------------------|--------------------|--------------------|-------------------------------------|
| PM <sub>2.5</sub> FRM        | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Continuous | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Speciation | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| O <sub>3</sub>               | <input checked="" type="checkbox"/> | 47                | Hourly             | 4/1/2005           | <input type="checkbox"/>            |
| PM <sub>10</sub>             | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| SO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| NO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| CO                           | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Pb                           | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| TSP                          | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Metals                       | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Air Toxics                   | <input type="checkbox"/>            |                   | NA                 |                    | <input type="checkbox"/>            |
| Meteorology                  | <input type="checkbox"/>            |                   |                    |                    | <input type="checkbox"/>            |
| Other                        | <input type="checkbox"/>            |                   |                    |                    | <input checked="" type="checkbox"/> |

\* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

**Description of any proposed changes:**

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**Quality Assurance**

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

**Comments:**

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**Site Name: Barr School**AQS Site ID: **39-093-3002**

Agency: Ohio EPA, Northeast District Office

Primary QA Org.: Ohio EPA, Northeast District Office

MSA: Cleveland-Elyria-Mentor

Address: 2180 Lake Breeze Dr., Sheffield 44054

Latitude: 41.463056

Longitude: -82.114444



**Site description:** This is a SLAMS PM<sub>2.5</sub> and PM<sub>10</sub> monitoring site located on the roof of the William Barr School two miles east of the USX Koebe Steel complex. PM<sub>2.5</sub> chemical speciation monitoring is also conducted at this site. Location setting is suburban and land use is commercial.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: Neighborhood. Monitoring objective is to determine compliance with the PM<sub>2.5</sub> and PM<sub>10</sub> NAAQS and to quantify the various components of PM<sub>2.5</sub> air quality in vicinity of a major steel mill.

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**Ambient Air Quality Monitors**

| Parameter                    | Currently Operating                 | Collection Method | Operating Schedule | Monitor Start Date | Proposed Change                     |
|------------------------------|-------------------------------------|-------------------|--------------------|--------------------|-------------------------------------|
| PM <sub>2.5</sub> FRM        | <input checked="" type="checkbox"/> | 120               | 1:3                | 1/5/2002           | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Continuous | <input checked="" type="checkbox"/> | 760               | Hourly             | 6/3/2004           | <input type="checkbox"/>            |
| PM <sub>2.5</sub> Speciation | <input checked="" type="checkbox"/> | SASS              | 1:6                | 2/1/2004           | <input type="checkbox"/>            |
| O <sub>3</sub>               | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| PM <sub>10</sub>             | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| SO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| NO <sub>2</sub>              | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| CO                           | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Pb                           | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| TSP                          | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Metals                       | <input type="checkbox"/>            | NA                | NA                 |                    | <input type="checkbox"/>            |
| Air Toxics                   | <input type="checkbox"/>            |                   | NA                 |                    | <input type="checkbox"/>            |
| Meteorology                  | <input type="checkbox"/>            |                   |                    |                    | <input type="checkbox"/>            |
| Other                        | <input type="checkbox"/>            |                   |                    |                    | <input checked="" type="checkbox"/> |

\* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

**Description of any proposed changes:**

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**Quality Assurance**

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

**Comments:** This site includes collocated PM<sub>10</sub> and PM<sub>2.5</sub> monitors that sample every 6<sup>th</sup> day.