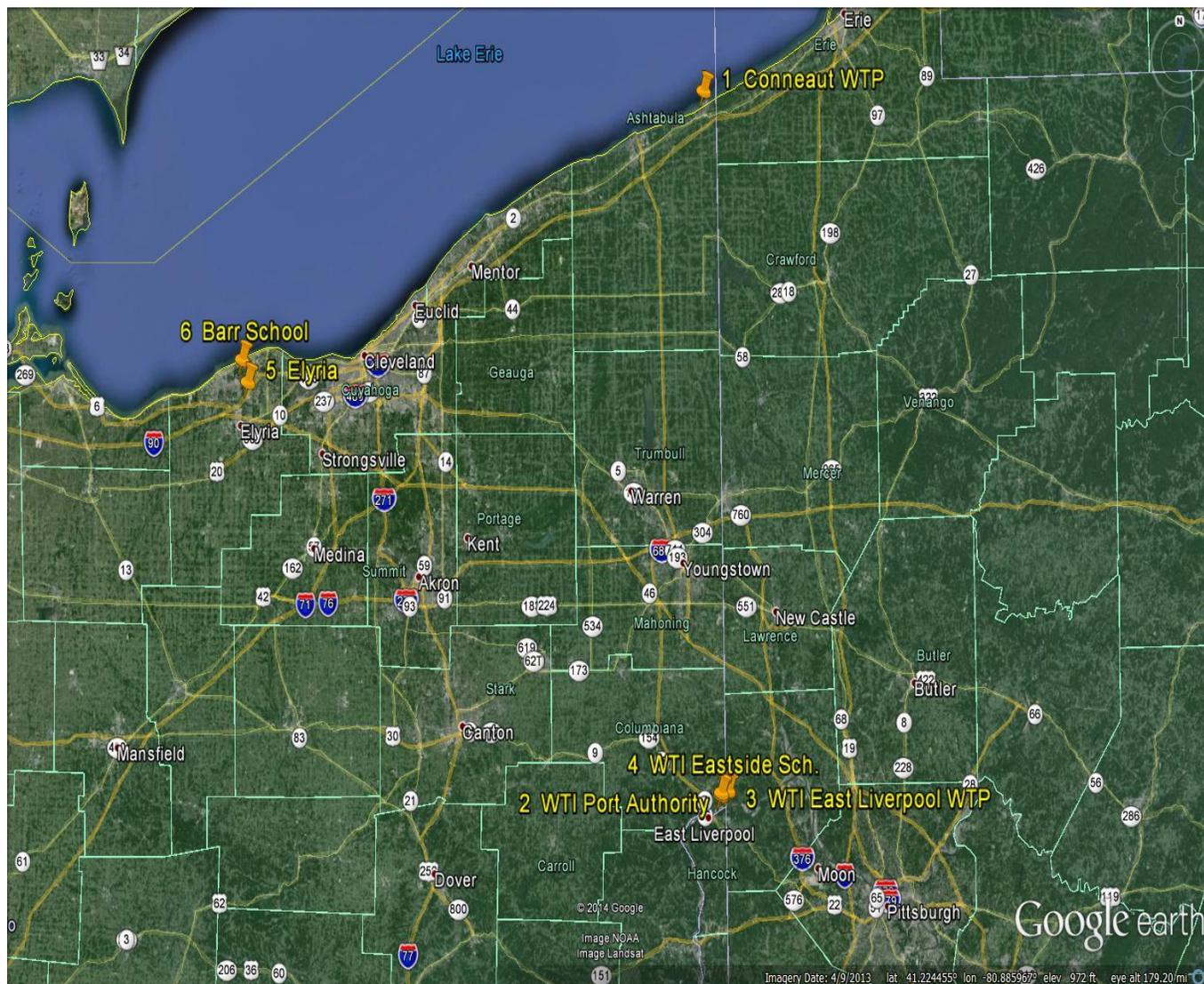


NORTHEAST DISTRICT OFFICE
JURISDICTION MAP



2015 NEDO AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM ₁₀	O ₃	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPE	Pb/metals
1. 39-007-1001	Conneaut WTP			x	x					
2. 39-029-0019	WTI Port Authority				x					x
3. 39-029-0020	WTI East Liverpool WTP		x							x
4. 39-029-0022	WTI Eastside School		x							x*
5. 39-093-0018	Elyria			x						
6. 39-093-3002	Barr School	x*	x						x	

x* collocated monitor

Site Name: ConneautAQS 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: 41.959695

Longitude: -80.572808



Site description: This is a SLAMS SO₂ and O₃ (ozone) monitoring site located on a roof at the Conneaut Water Plant. It monitors SO₂ 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 SO₂ and O₃ NAAQS.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	3/19/1976	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060	Hourly	3/19/1976	<input type="checkbox"/>
NO ₂	<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"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<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:

Quality Assurance

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

Comments:

Site Name: WTI Port AuthorityAQS 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: 40.631545

Longitude: -80.54718



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 the WTI incinerator. 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.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060	Hourly	7/1/2013	<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb/Metals	<input checked="" type="checkbox"/>	045	1:6	10/27/1992	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	10/27/1992	<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<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:

Quality Assurance

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

Comments:

Site Name: WTI East Liverpool WTPAQS 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: 40.639595

Longitude: -80.524019



Site description: This is a SLAMS Lead and Metals monitoring site located at the Columbiana county Water Treatment Plant. It monitors the metals and lead emissions emitted from the WTI 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.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	062	1:6	6/21/1997	<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb/Metals	<input checked="" type="checkbox"/>	045	1:6	9/2/1992	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	6/1/1997	<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<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:

Quality Assurance

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

Comments:

Site Name: WTI Eastside Elementary SchoolAQS 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: 40.635275

Longitude: -80.546642



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 the WTI 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.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	062	1:6	1/31/2001	<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb/Metals	<input checked="" type="checkbox"/>	045	1:6	1/1/2003	<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>	NA	NA		<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:

Quality Assurance

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

Comments: Metals/TSP/Lead samplers are collocated.

Site Name: SheffieldAQS 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. 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.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	4/1/2005	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<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"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<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:

Quality Assurance

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

Comments:

Site Name: Barr SchoolAQS 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: 41.463071

Longitude: -82.114261



Site description: This is a SLAMS PM_{2.5} and PM₁₀ monitoring site located on the roof of the William Barr School two miles east of the USX Koebe Steel complex. PM_{2.5} 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_{2.5} and PM₁₀ NAAQS and to quantify the various components of PM_{2.5} air quality in vicinity of a major steel mill.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	120	1:3	1/5/2002	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	701	Hourly	6/3/2004	<input type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:6	2/1/2004	<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	062	1:6	1/10/1991	<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<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"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Carbon Speciation	<input checked="" type="checkbox"/>	URG 3000	1:6		<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:

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 a collocated PM_{2.5} monitor that samples every 6th day.