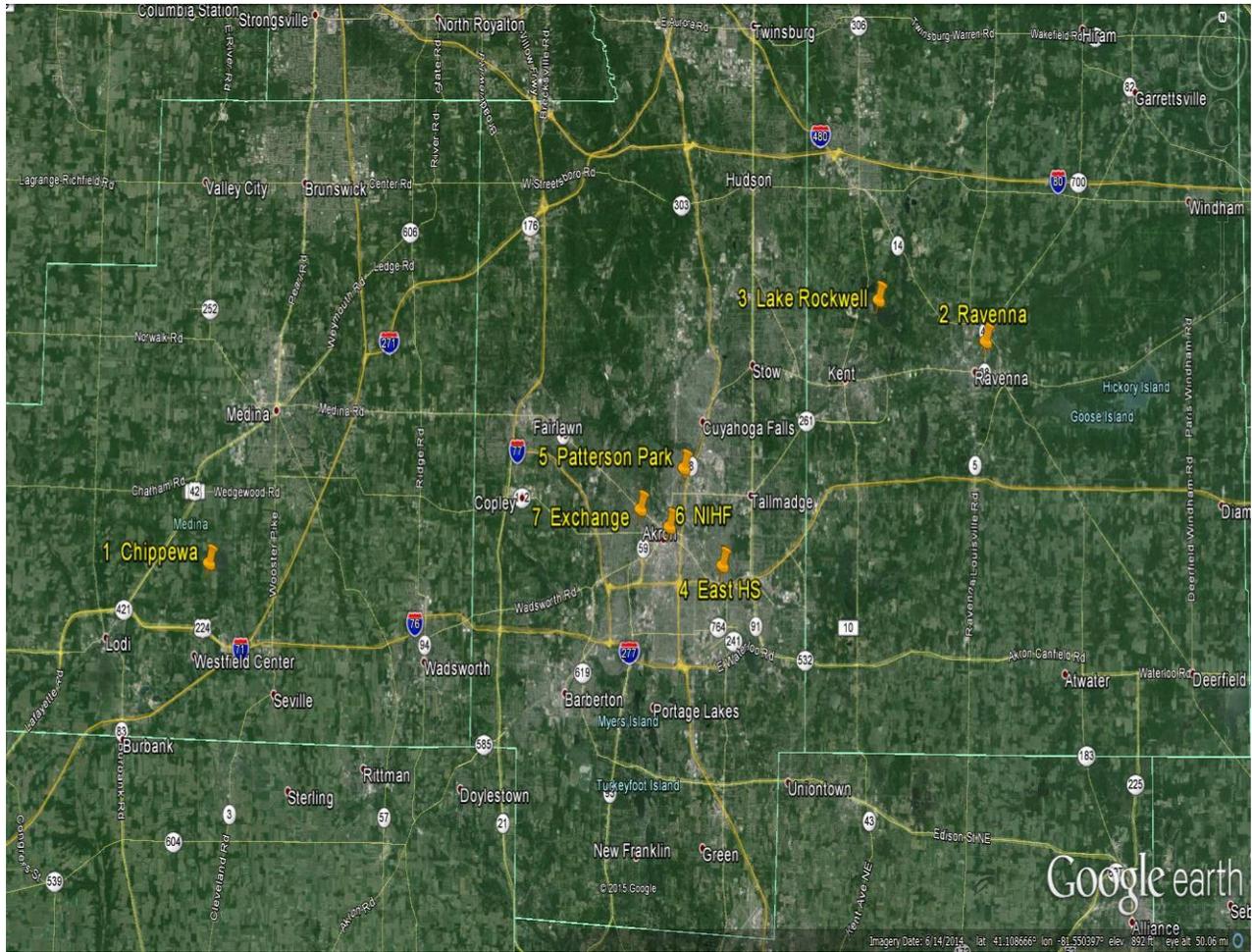


AKRON LOCAL AIR AGENCY
JURISDICTION MAP



2016 AKRON LOCAL AIR AGENCY AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM _{2.5} CONT.	PM ₁₀	O ₃	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPE	Pb/metal
1. 39-103-0004	Chippewa	X	X		X						
2. 39-133-0002	Ravenna	X									
3. 39-133-1001	Lake Rockwell				X						
4. 39-153-0017	East High School	x*	X			X					
5. 39-153-0020	Patterson Park				X		X				
6. 39-153-0025	NIHF					X	X				
7. 39-153-0023	Exchange	X								X	

x* collocated monitor

Site CHIPPEWA

AQS Site ID: 39-103-0004

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Cleveland-Elyria-Mentor

Address: Ballash Road, Lafayette Twp, Medina Cty 44256

Latitude: 41.0604

Longitude: -81.9239



Site description: This was a former U.S. EPA monitoring site that was part of the CMAPS research project. The site monitored background levels of criteria pollutants and air toxics advecting from the southwest into the Cleveland metropolitan area. In 2011 the Akron Regional Air Quality Management District took ownership of the site and maintains operation of PM_{2.5} and ozone monitors.

Monitoring objective and spatial scale: The monitoring objective is considered to be local population for PM_{2.5} and upwind background for ozone. The spatial scale is urban.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	12/1/2011	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	170	Hourly	1/12015	<input checked="" type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	087	Hourly	9/1/2009	<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(AQI)	<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: PM_{2.5} MET ONE BAM monitor restarted Jan. 1, 2015.

Quality Assurance

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

Comments:

Site **Ravenna**

AQS Site ID: **39-133-0002**

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 531 Washington Ave., Ravenna 44266

Latitude: 41.1644

Longitude: -81.2352



Site description: This is a PM_{2.5} SLAMS monitoring site located on the roof of a school building in Ravenna, Ohio. The location setting is urban and land use is residential. The site objective is to determine typical PM_{2.5} concentrations for the population at large in Ravenna.

Monitoring objective and spatial scale: The site is considered monitoring for the local population. The spatial scale is neighborhood.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	1/30/1999	<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 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

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

Comments:

Site Lake Rockwell

AQS Site ID: 39-133-1001

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 1570 Ravenna Rd., Kent 44266

Latitude: 41.182466

Longitude: -81.330489



Site description: This is a SLAMS ozone monitoring site located in a monitoring trailer at the southwest corner of Lake Rockwell north of Kent Ohio. The site is ten feet above the water's surface and one half mile west of the Kent Water Works facility. The location setting is rural and land use is agricultural/ residential.

Monitoring objective and spatial scale: The site's monitoring objective is considered to be maximum ozone concentrations. It is considered a maximum concentration location for ozone concentrations east of the Akron/Kent Ohio metropolitan areas. The spatial scale is urban.

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"/>	087	Hourly	6/20/1978	<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(AQI)	<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

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

Comments:

Site **East High**

AQS Site ID: **39-153-0017**

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 80 Brittain Rd, Akron 44305

Latitude: 41.06353

Longitude: -81.46896



Site description: This is a SLAMS SO₂ and PM_{2.5} monitoring site located in the parking lot of Akron East High school. Industrial emissions sources nearby are Goodyear Tire and Rubber located 1.6km to the southwest and RCA Rubber Co. 0.9km to the east. The location setting is suburban and land use is industrial and residential.

Monitoring objective and spatial scale: The site's monitoring objective is to determine typical PM_{2.5} concentrations and highest concentrations for SO₂ for the adjacent neighborhoods.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	1/1/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	170	hourly	1/1/2015	<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"/>	100	Hourly	10/1/1978	<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(AQI)	<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: PM_{2.5} MET ONE BAM monitor restarted Jan. 1, 2015.

Quality Assurance

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

Comments: A PM_{2.5} monitor is collocated here which is a R& P 2025 FRM PM_{2.5}.

Site Patterson Park

AQS Site ID: 39-153-0020

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 800 Patterson Avenue, Akron 44310

Latitude: 41.1064

Longitude: -81.50356



Site description: This is a SLAMS CO and Ozone monitoring site located in Patterson park in north Akron. The CO monitors samples emissions from the high traffic S.R. 8 corridor running north-south. The location setting is suburban and land use is residential.

Monitoring objective and spatial scale: The site's monitoring objective is population based for CO and Ozone (O3). The spatial scales are urban for CO and neighborhood for O3 respectively.

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"/>	087	Hourly	5/2/1980	<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 checked="" type="checkbox"/>	093	Hourly	1/8/1980	<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(AQI)	<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

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

Comments:

Site NIHFAQ^s Site ID: 39-153-0025

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 199 S. Broadway, Akron 44308

Latitude: 41.07923

Longitude: -81.516209



Site description: This is a SLAMS 'street canyon' downtown monitoring site for CO and a center city site for SO₂. It is located downtown along the Broadway corridor. The location setting is center city and land use is commercial.

Monitoring objective and spatial scale: The site's monitoring objective is population based for CO along a major downtown street where there are several tall buildings along the street. The spatial scale is micro-scale. The site is also a center city air monitoring site for SO₂.

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"/>	100	Hourly	2/18/2015	<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	093	Hourly	2/18/2015	<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(AQI)	<input checked="" type="checkbox"/>	NA	NA		<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQ^s). 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**

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

Comments: This site replaced both the former WorkShop (39-153-0022) and MET(39-153-0014) both which discontinued in 2014.

Site 5 Points

AQS Site ID: 39-153-0023

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 642 W. Exchange St., Akron 44302

Latitude: 41.0881

Longitude: -81.541611



Site description: This is a SLAMS for PM_{2.5}. Also located at this west side Akron site are a PM_{2.5} filter based monitor, a MetOne SASS speciation and a URG3000 carbon monitors. The location setting is suburban and land use is residential.

Monitoring objective and spatial scale: The site's monitoring objective is population based for PM_{2.5}. The spatial scales is neighborhood.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	1/1/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:6	11/21/2001	<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 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 checked="" type="checkbox"/>	URG3000	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>).

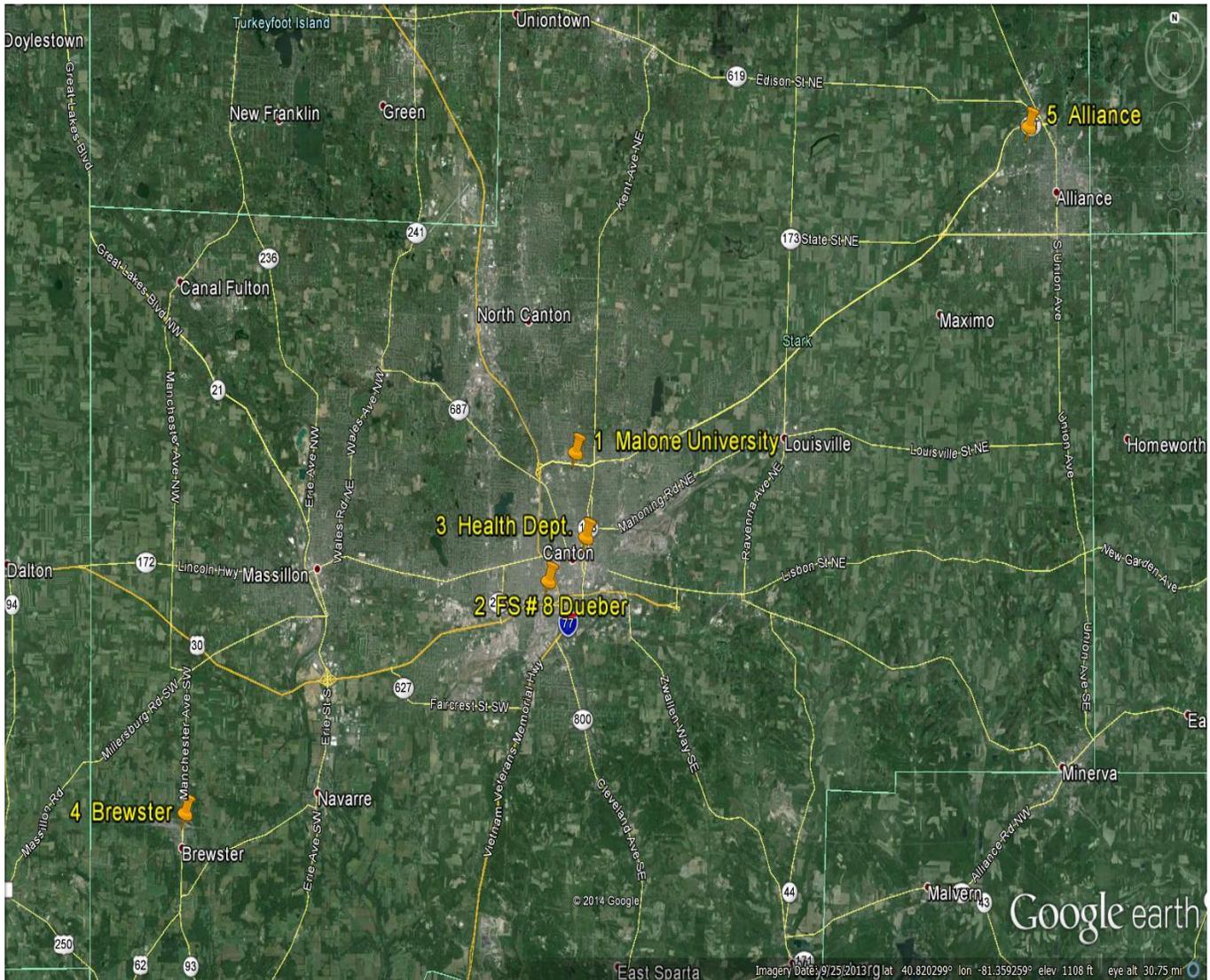
Description of any proposed changes:

Quality Assurance

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

Comments:

2016 CANTON LOCAL AIR AGENCY MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM _{CONT.}	PM ₁₀	O ₃	CO	NO ₂	TOXICS	PM _{2.5} CSPE	Pb/metals
1. 39-151-0016	Malone University				x					
2. 39-151-0017	FS #8	x*							x	
3. 39-151-0020	Health Department	x	x			x				
4. 39-151-0022	Brewster				x					
5. 39-151-4005	Alliance				x					

*designated and collocated monitors

Site **Malone University**

AQS Site ID: **39-151-0016**

Agency: Canton City Health Department Air Pollution Control

Primary QA Org.: Canton City Health Dept., Air Pollution

MSA: Canton-Massillon

Address: 515 25th St. N.W., Canton 44709

Latitude: 40.828052

Longitude: -81.37833



Site description: This is an ozone SLAMS site located two miles north of downtown Canton. This instrument is located in a monitoring shelter on the campus of Malone College now called Malone University. This is an urban and center city impact site for sampling hourly ozone. Land use is considered commercial. This is an area wide source ozone monitoring.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: Neighborhood. To determine compliance with and/or progress made toward meeting ambient air quality standards and to denote the change of ozone impact from center city, urban area to the suburban and rural areas beyond the city of Canton.

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	5/1/1981	<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(AQI)	<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:

Site Firestation No. 8

AQS Site ID: 39-151-0017

Agency: Canton City Health Department Air Pollution Control

Primary QA Org.: Canton City Health Dept., Air Pollution

MSA: Canton-Massillon

Address: 1330 Dueber Ave. SW Canton 44706

Latitude: 40.78689

Longitude: -81.39419



Site description: This is a source oriented SLAMS FRM PM_{2.5} site located near the Canton Timken plant in SW Canton. The instruments are located on the roof of Canton's Firestation House No. 8. The site has also a PM_{2.5} chemical speciation monitor and a elemental carbon URG monitor. This is a suburban location setting and the land use is considered industrial/residential.

Monitoring objective and spatial scale: Monitoring Objective: Highest concentration; Spatial Scale: Neighborhood. To determine compliance with and/or progress made toward meeting ambient air quality standards and to determine speciation components of PM_{2.5} concentrations.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	1/3/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:6	7/30/2001	<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 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 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 checked="" type="checkbox"/>	carbon URG	1:6	11/16/2009	<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:

Quality Assurance

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

Comments: Collocated FRM PM_{2.5} monitor samples every sixth day.

Site **Canton Health Dept.**

AQS Site ID: **39-151-0020**

Agency: Canton City Health Department Air Pollution Control

Primary QA Org.: Canton City Health Dept., Air Pollution

MSA: Canton-Massillon

Address: 420 Market Avenue N, Canton 44702

Latitude: 40.800778

Longitude: -81.373044



Site description: This is a center city population oriented SLAMS FRM PM_{2.5} and Carbon Monoxide site located in downtown Canton. This site has PM_{2.5} FRM and hourly monitors located on the roof of the Canton Health Dept. There is also a street canyon CO monitor situated on the second floor of the building. The land use is commercial.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: Neighborhood for PM_{2.5} and microscale for the CO monitor. To determine compliance with and/or progress made toward meeting ambient air quality standards.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	1/3/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	701	Hourly	1/19/2002	<input checked="" 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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	054	Hourly	1/27/1993	<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	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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: In 2016, collection method 701 was discontinued and replaced with collection method 184 (Thermo SHARP 5030i)

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 Brewster

AQS Site ID: 39-151-0022

Agency: Canton City Health Department Air Pollution Control

Primary QA Org.: Canton City Health Dept., Air Pollution

MSA: Canton-Massillon

Address: 45 S. Wabash Ave., S.R.83, Brewster 44613

Latitude: 40.7127

Longitude: -81.5983



Site description: This is an upwind SLAMS ozone monitoring site for the Canton urban area located 12 miles southwest of Canton. The site is located in the town of Brewster at the WANDLE building just off SR 83. This location setting is basically rural/ suburban and the land use is residential.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure and upwind background for ozone; Spatial Scale: Urban. To determine upwind background concentration for the Canton urban area.

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	4/1/2010	<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"/>
Metals	<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(AQI)	<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:

Site Alliance Armory

AQS Site ID: 39-151-4005

Agency: Canton City Health Department Air Pollution Control

Primary QA Org.: Canton City Health Dept., Air Pollution

MSA: Canton-Massillon

Address: 1175 West Vine Street, Alliance 44601

Latitude: 40.9314

Longitude: -81.12352



Site description: This is a SLAMS ozone monitoring site measuring the downwind impact of the Canton urban area. It is located at the National Guard Armory in Alliance located 12 miles northeast of Canton. This location setting is suburban and the land use is residential.

Monitoring objective and spatial scale: Monitoring Objective: Maximum ozone concentration; Spatial Scale: Urban. To determine downwind maximum concentrations NE of the Canton urban area.

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	5/30/1991	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxicics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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

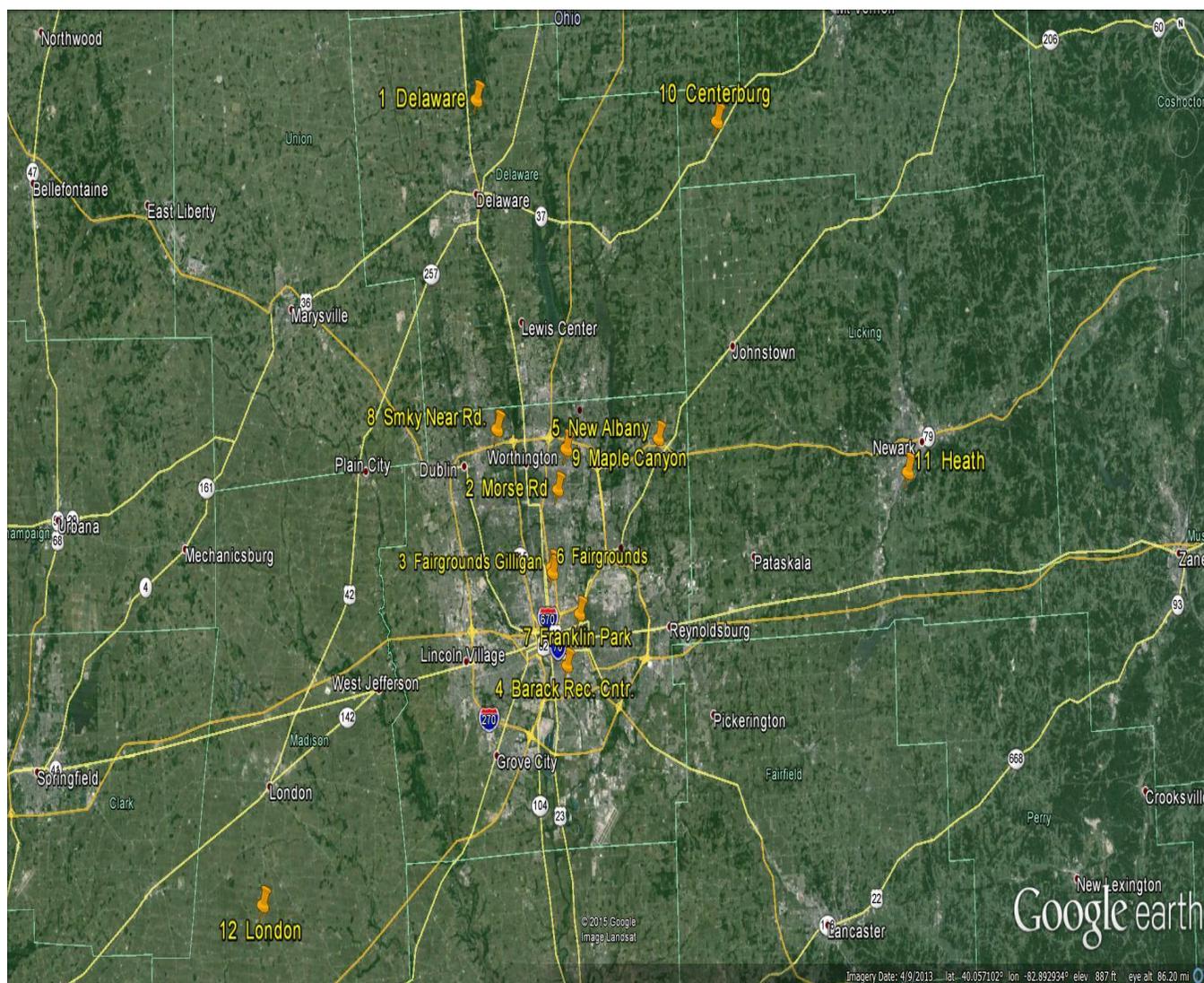
Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments:

CENTRAL DISTRICT OFFICE
JURISDICTION MAP



2016 CENTRAL DISTRICT OFFICE AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM _{2.5} cont.	PM ₁₀	O ₃	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPE	Pb/metals
1. 39-041-0001	Delaware				x						
2. 39-049-0005	Morse Rd						x				
3. 39-049-0024	Fairgrounds Gilligan	x		x*							
4. 39-049-0039	Barack Rec. Center	x*									x
5. 39-049-0029	New Albany		x		x						
6. 39-049-0034	Fairgrounds		x			x			x		
7. 39-049-0037	Franklin Park				x			x			
8. 39-049-0038	Smky Near Rd.						x	x			
9. 39-049-0081	Maple Canyon	x			x						
10. 39-083-0002	Centerburg				x						
11. 39-089-0005	Heath				x						
12. 39-097-0007	London				x						

* collocated monitor

Site Delaware

AQS Site ID: 39-041-0002

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: 359 Main Rd., Delaware 43015

Latitude: 40.356694

Longitude: -83.063971



Site description: U.S. Forest Service Research Lab. This ozone site is located 4.1 north of Delaware and is a maximum impact ozone site north of Columbus, Ohio. Probe extends from side of a bldg. Location is Rural. Land use is considered agriculture. This is a SLAMS site.

Monitoring objective and spatial scale: Maximum ozone impact with an urban spatial scale for the Columbus Ohio MSA. Monitoring Objective is determine compliance with and/or progress made toward meeting ambient air quality standards and to denote the change of ozone impact from the Columbus metropolitan area.

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	4/1/1997	<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(AQI)	<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:

Site Morse Road

AQS Site ID: 39-049-0005

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: 1585 Morse Road, Columbus 43224

Latitude: 40.060124

Longitude: -82.976857



Site description: Fire Station No. 24 roof. CO site is at a major Columbus traffic intersection. Location is Suburban. Land use is commercial. This is a SLAMS site.

Monitoring objective and spatial scale: Highest concentration at a major traffic intersection in north Columbus. Spatial Scale: Microscale.

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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	093	Hourly	1/4/1973	<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(AQI)	<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:

Site Fairgrounds-Gilligan

AQS Site ID: 39-049-0024

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: Ohio State Fairgrounds, Columbus 43215

Latitude: 39.99875

Longitude: -82.99344



Site description: Gilligan building parking garage roof. This is a center city SLAMS FRM PM_{2.5} & PM₁₀ site. Location is Urban and Center City. Land use is considered commercial and industrial.

Monitoring objective and spatial scale: Monitoring Objective: Highest concentration for PM₁₀ and population Exposure for PM_{2.5}; Spatial Scale: Neighborhood scale.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	1/1/1999	<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"/>	063	1:6	6/13/1986	<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: PM₁₀ collocated monitor sited here.

Site New Albany

AQS Site ID: 39-049-0029

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: 7600 Fodor Road, New Albany 43054

Latitude: 40.084556

Longitude: -82.81552



Site description: Roof of New Albany High School. This is a maximum ozone impact site for Columbus urban area. This is a suburban SLAMS ozone site. A continuous FEM PM_{2.5} monitor is also located on this roof. Land use is considered commercial and agriculture. This is a area wide source monitoring and the site is located to the E and NE of Columbus.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: Urban scale. To determine compliance with and/or progress made toward meeting ambient air quality standards. To provide information regarding the transport of ozone from the Columbus metropolitan area.

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 checked="" type="checkbox"/>	170	Hourly	4/15/2004	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	4/1/2001	<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(AQI)	<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:

Site Fairgrounds

AQS Site ID: 39-049-0034

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: Korbel Avenue, Columbus 43211

Latitude: 40.002734

Longitude: -82.994404



Site description: A monitoring trailer located in the southern end of the Ohio State Fairgrounds just off of Korbel Avenue. This is an urban and center city site that monitors hourly PM_{2.5}, SO₂ and air toxics. Land use is considered commercial. This is a area wide source monitoring and the site is 5 miles north of downtown Columbus and just to the east of the Ohio State University.

Monitoring objective and spatial scale: Monitoring Objective:Population Exposure; Spatial Scale: Neighborhood/Urban scale. To determine compliance with and/or progress made toward meeting ambient air quality standards.

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 checked="" type="checkbox"/>	701	Hourly	9/30/2009	<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	1/1/2013	<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<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 checked="" type="checkbox"/>	Canister	1:12	2/1/2003	<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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:

Site **Franklin Park Conservatory**

AQS Site ID: **39-049-0037**

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: 1777 E. Broad St, Columbus 43215

Latitude: 39.96523

Longitude: -82.95549



Site description: This is a center city ozone, and NO₂ SLAMS site located two miles east of downtown Columbus. The instruments are located in the park theatre building. The probe extends several meters from the west side of the building and is 200 meters south of a major thoroughfare, E. Broad St. Land use is considered commercial, residential.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: Neighborhood. To determine compliance with and/or progress made toward meeting ambient air quality standards and to denote the changes of ozone and nitrogen dioxide impacts from center city.

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	4/1/2001	<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 checked="" type="checkbox"/>	099	Hourly	4/1/2013	<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		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other(AQI)	<input checked="" 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:

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 Smoky Row Near Rd.

AQS Site ID: **39-049-0038**
 Agency: Ohio EPA, Central District Office
 Primary QA Org.: Ohio EPA, Central District Office
 MSA: Columbus
 Address: 7560 Smoky Row Rd., Columbus 43235
 Latitude: 40.111101
 Longitude: -83.06545



Site description: This is the Columbus Near Road NO₂ site located in the north suburb of Dublin. It is situated just along the north I-270 outerbelt with a daily traffic volume of 142,000 ADT. The monitoring trailer is 20 meters from the roadway. Land use is commercial and residential.

Monitoring objective and spatial scale: Monitoring Objective: Highest concentration; Spatial Scale: micro-scale. To determine maximum near road concentrations of nitrogen dioxide and carbon monoxide.

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 checked="" 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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input checked="" type="checkbox"/>	099	Hourly	1/1/2014	<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	093	Hourly	1/1/2014	<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(AQI)	<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/codecodes.htm>).

Description of any proposed changes: A PM_{2.5} monitor is being added to this site in 2016.

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 **Barack Rec. Center**

AQS Site ID: **39-049-0039**

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: 580 E. Woodrow Ave., Columbus 43207

Latitude: 39.92853

Longitude: -82.980105



Site description: On the roof of the Barack Recreation Center. This is a Columbus center city SLAMS FRM PM_{2.5} & metals & Lead site. Location is Urban and near center City. Land use is considered industrial and residential. This is a point source oriented site and is required by the State Implementation Plan.

Monitoring objective and spatial scale: Monitoring Objective: Highest concentration for PM_{2.5} and lead/metals. Spatial Scale: Neighborhood scale.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	10/1/2015	<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 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 checked="" type="checkbox"/>	192	1:6	10/1/2015	<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 checked="" type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>	metals	1:6	10/1/2015	<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/code_descs.htm).

Description of any proposed changes: This site replaced and is located several hundred yards from the former Ann Street site, 39-049-0025. Toxics sampling may start sometime during 2016.

Quality Assurance



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

Comments: A PM_{2.5} collocated monitor is sited here.

Site **Maple Canyon**

AQS Site ID: **39-049-0081**

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: 5750 Maple Canyon Ave., Columbus 43229

Latitude: 40.087700

Longitude: -82.959773



Site description: This is an urban city ozone and PM_{2.5} SLAMS site located in the northeastern quadrant of the Columbus metropolitan area. The instruments and probe are located on the roof of the Columbus City Firestation No. 6. This is an urban city impact site for sampling hourly ozone and PM_{2.5}. Land use is considered commercial. The nearest roads are Maple Canyon Avenue and SR 161 at distances of 30 and 76 meters respectively.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: Neighborhood. To determine compliance with and/or progress made toward meeting ambient air quality standards and to denote the changes in ozone impact from center city to an urban area of Columbus.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	1/1/1999	<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	7/1/1972	<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(AQI)	<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:

Site Centerburg

AQS Site ID: 39-083-0002

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: 110 SR 314, Centerburg 43011

Latitude: 40.310025

Longitude: -82.691724



Site description: This is a rural downwindzone site measuring the maximum impact of the Columbus metropolitan area. This site is located 30 miles NE of Columbus. The probe extends outward on the southeast side of the Centerburg water plant main office building. Land use is considered agricultural/ residential. This is an area wide source ozone monitoring. The nearest road is SR 314 which is 18 meters west of the probe.

Monitoring objective and spatial scale: Monitoring Objective: To determine maximum ozone concentrations NE of Columbus. Population Exposure; Spatial Scale: Urban. To determine compliance with and/or progress made toward meeting ambient air quality standards and to denote the ozone impact from Greater Columbus.

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	8/1/1988	<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(AQI)	<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:

Site Heath

AQS Site ID: 39-089-0005

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: 310 Licking View Dr., Heath 43056

Latitude: 40.026037

Longitude: -82.433



Site description: This is a SLAMS ozone monitoring site located 30 miles east of the Columbus metropolitan area. It is considered a maximum impact site. The probe is on the southwest portion of the Heath Middle School roof. Land use is considered commercial/ residential.

Monitoring objective and spatial scale: Monitoring Objective: To determine maximum ozone concentrations east of Columbus; Spatial Scale: Urban The site is located to determine compliance with and/or progress made toward meeting ambient air quality standards and to monitor the maximum ozone impact from Columbus precursor emissions.

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	8/1/1988	<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(AQI)	<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:

Site London

AQS Site ID: 39-097-0007

Agency: Ohio EPA, Central District Office

Primary QA Org.: Ohio EPA, Central District Office

MSA: Columbus

Address: 9940 State Route 38 SW, London 43140

Latitude: 39.78819

Longitude: -83.47606



Site description: This is a rural SLAMS ozone site that monitors the upwind transport of ozone into the Columbus metropolitan region. This site is located 30 miles southwest of Columbus. The probe is on the roof of the Madison Plains Intermediate School. Land use is agriculture.

Monitoring objective and spatial scale: Monitoring Objective: Upwind background and maximum ozone concentration when the winds are NE from Columbus metropolitan area. Population exposure; Spatial Scale: Regional. To determine compliance with and/or progress made toward meeting ambient air quality standards and to monitor the regional transport of ozone and the maximum impact of ozone from Columbus precursor emissions.

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	4/1/1993	<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(AQI)	<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

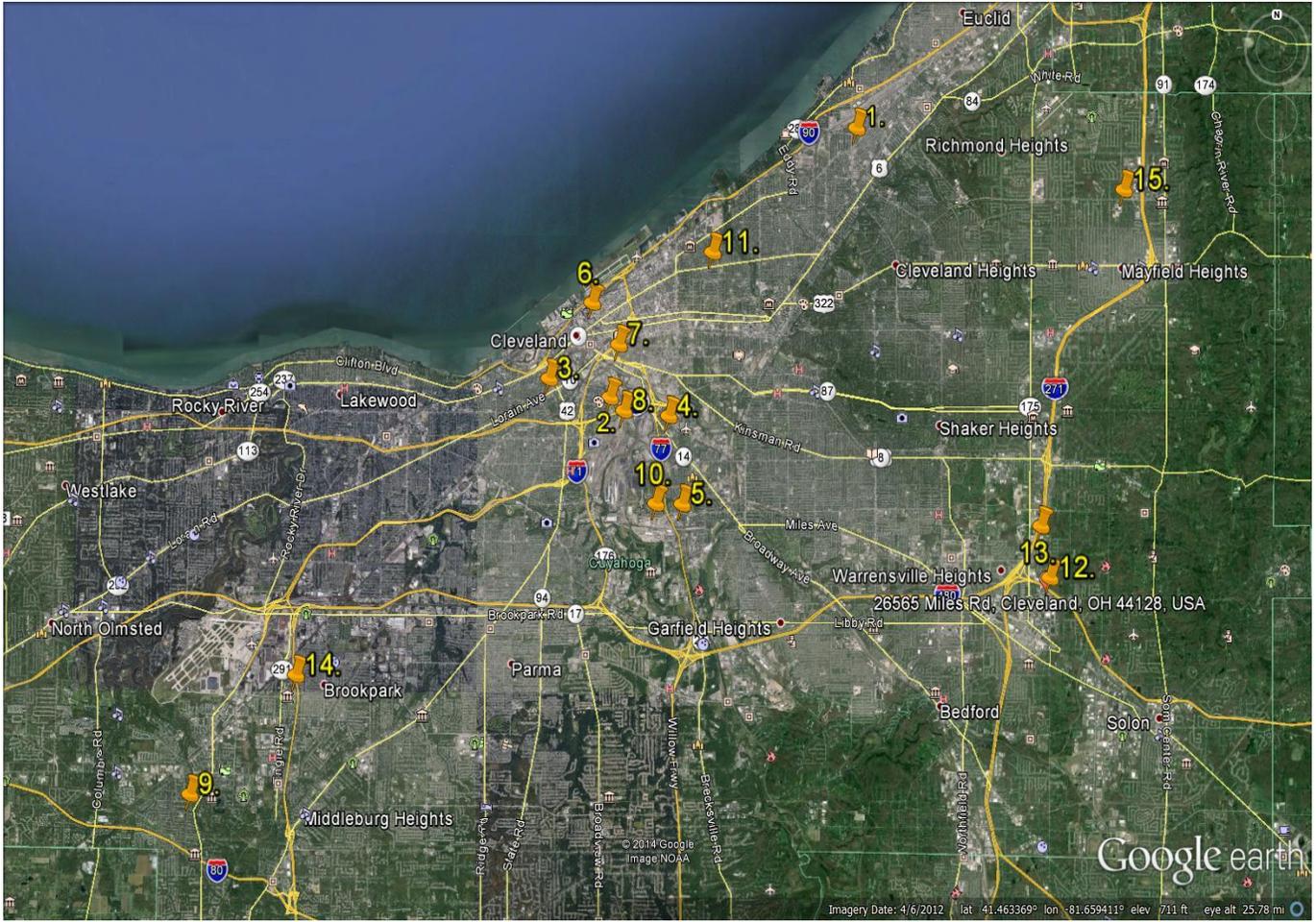
- Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments:

CLEVELAND LOCAL AIR AGENCY
JURISDICTION MAP



2016 CLEVELAND AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM _{2.5} CONT.	PM ₁₀	O ₃	SO ₂	CO	NO ₂	NO _x tr./NO _y	TOXICS	PM _{2.5} CSPE	Pm ₁₀ Local/PM _{coarse}	Pb/metal
1. 39-035-0034	District 5	x			x								
2. 39-035-0038	St. Theo	x*		x		x				x	x		x
3. 39-035-0042	FS # 4												x*
4. 39-035-0045	FS #13	x		x*		x							
5. 39-035-0049	Ferro												x*
6. 39-035-0051	Galleria						x						
7. 39-035-0060*	G. T. Craig	x	x	x ¹	x	x* ¹	x	x	x		x	x	x
8. 39-035-0061	W_3 rd												x
9. 39-035-0064	Berea				x								
10. 39-035-0065	Harvard	x		x		x							
11. 39-035-0069	FS #22									x			
12. 39-035-0072	Miles Rd.												x
13. 39-035-0073	ODOT I-271 Near Rd.							x	x				
14. 39-035-1002	Brookpark	x		x									
15. 39-035-5002	Mayfield				x								

*NCore Site

x* collocated monitor

x¹ FRM and hourly PM₁₀ monitors

x*¹ collocated with trace monitor

Site Name: 6th District Police Station
 AQS Site ID: 39-035-0034
 Agency: Cleveland Division of Air Quality
 Primary QA Org.: Ohio EPA, Northeast District Office
 MSA: Cleveland-Elyria-Mentor
 Address: 891 East 152 St., Cleveland 44110
 Latitude: +41.55523
 Longitude: -81.575256



Site description: This is a SLAMS FRM PM_{2.5} and ozone station located at the former 5th district now called 6th district police station in the NE side of Cleveland. The site is located 1.2 miles south of Lake Erie and the Easterly Water Treatment Plant.

Monitoring objective and spatial scale: Objective: Population exposure and higher ozone concentrations from center city Cleveland precursor emissions. Scale: Neighborhood. Land use: Residential and industrial.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	7/11/2000	<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"/>	087	Hourly	12/1/1972	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(orgamics)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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:

Site Name: Saint Theodosius Church

AQS Site ID: 39-035-0038
Agency: Cleveland Division of Air Quality
Primary QA Org.: Ohio EPA, Northeast District Office
MSA: Cleveland-Elyria-Mentor
Address: 2547 St. Tikhon, Cleveland 44113
Latitude: +41.477011
Longitude: -81.682383



Site description: This site is a SLAMS site in the Tremont neighborhood just north of the Cleveland Industrial Valley. It is located in the southeast corner of the St. Theodosius Church parking lot. SO₂, PM_{2.5}, PM₁₀, lead and metals data are sampled here.

Monitoring objective and spatial scale: Objective: Highest concentration, population exposure and source oriented. Scale is neighborhood.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	1/8/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:3	1/1/2002	<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	063	1:1	4/10/1987	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060	Hourly	1/1/1976	<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
OC CSN	<input checked="" type="checkbox"/>	NA	1:6	8/5/2009	<input type="checkbox"/>
Pb	<input checked="" type="checkbox"/>	110	1:6	12/17/1974	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	12/17/1974	<input type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	110	1:6	12/17/1974	<input type="checkbox"/>
Air	<input checked="" type="checkbox"/>	TO14A	1:12	7/16/2006	<input type="checkbox"/>
Toxics(orgamics)					
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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: The PM_{2.5} FRM monitor is collocated. There are also 5 PM₁₀ monitors for collection of the primary PM₁₀ record.

Site Name: Fire Station 4

AQS Site ID: 39-035-0042
Agency: Cleveland Division of Air Quality
Primary QA Org.: Ohio EPA, Northeast District Office
MSA: Cleveland-Elyria-Mentor
Address: 3136 Lorain Ave., Cleveland 44113
Latitude: +41.482222
Longitude: -81.708889



Site description: This is a SLAMS lead/metals site with collocated TSP monitors located next to the St. Ignatius High School in Cleveland's near west side and upwind of the Cleveland industrial valley. The monitors are located on the roof of Cleveland's Fire Station 4.

Monitoring objective and spatial scale: Objective: Population exposure. Scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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 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 checked="" type="checkbox"/>	110	1:6	3/4/1979	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	3/4/1979	<input type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	110	1:6	3/4/1979	<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiacs)	<input type="checkbox"/>				<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: Collocated TSP/Pb monitor.

Site Name: Fire Station 13

AQS Site ID: 39-035-0045
Agency: Cleveland Division of Air Quality
Primary QA Org.: Ohio EPA, Northeast District Office
MSA: Cleveland-Elyria-Mentor
Address: 4950 Broadway, Cleveland 44127
Latitude: +41.471782
Longitude: -81.656792



Site description: This is a SLAMS SO₂, PM_{2.5}, and PM₁₀ site located on the roof of Cleveland's Fire station No. 13. The site is approximately 0.6 miles from the BOF steel mill. This site operates a collocated PM₁₀ unit. Land use is industrial/residential.

Monitoring objective and spatial scale: Objective: Population exposure. Scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	12/14/1999	<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"/>	063	1:6	8/23/1985	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060	Hourly	1/1/1985	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organics)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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: A US EPA RADNET instrument began sampling Sept 9th, 2013.

Quality Assurance

- Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58
Comments: PM₁₀ is collocated.

Site Name: Ferro

AQS Site ID: **39-035-0049**
Agency: Cleveland Division of Air Quality
Primary QA Org.: Ohio EPA, Northeast District Office
MSA: Cleveland-Elyria-Mentor
Address: 4150 East 56th, Cleveland 44105
Latitude: +41.446342
Longitude: -81.6507



Site description: This is a SLAMS Lead/metals site and has both a designated and collocated TSP monitors. The site is in close proximity to the Ferro Corporation Coatings Division facility.

Monitoring objective and spatial scale: Objective: Source oriented and highest concentration. Scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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 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 checked="" type="checkbox"/>	110	1:6	10/1/1987	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	10/1/1987	<input type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	110	1:6	10/1/1987	<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organics)					
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: A collocated TSP monitor is located here for lead and metals samples.

Site Name: Galleria

AQS Site ID: **39-035-0051**
Agency: Cleveland Division of Air Quality
Primary QA Org.: Ohio EPA, Northeast District Office
MSA: Cleveland-Elyria-Mentor
Address: 1301 E. 9th St., Cleveland 44114
Latitude: +41.504661
Longitude: -81.690186



Site description: This is a SLAMS carbon monoxide site located in downtown Cleveland on East 9th Street a major thoroughfare. The probe is located outside the Galleria shopping mall, 10.5 meters from 9th Street.

Monitoring objective and spatial scale: Objective: Highest concentration. Scale: Microscale

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	054	Hourly	10/1/1991	<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	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiacs)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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:

Site Name: G. T. CraigAQS Site ID: **39-035-0060**

Agency: Cleveland Division of Air Quality

Primary QA Org.: Ohio EPA, Northeast District Office

MSA: Cleveland-Elyria-Mentor

Address: E. 14th and Orange Ave., Cleveland 44115

Latitude: +41.492108

Longitude: -81.678488



Site description: This is Cleveland's NCORE site. As such it is one of Ohio's 3 largest sites. It has a multitude of monitors that sample PMcoarse, PM₁₀Local, PM_{2.5}speciation parameters along with all of the criteria pollutants. In addition there are trace analyzers for Ozone, SO₂, NO_y/NO and CO. It is located between Cleveland City center and the Industrial Valley along two major Interstates, I-77 and I-90. This site operates collocated PM_{2.5} SASS units. Land use is mobile and industrial.

Monitoring objective and spatial scale: Objective: Population exposure and source oriented; neighborhood scale

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	179	1:3	1/8/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	170	Hourly	5/1/2006	<input type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:6	12/13/2000	<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	087	Hourly	9/10/2009	<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	063	1:6	2/06/1193	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060/560	Hourly	1/8/1993	<input type="checkbox"/>
NO ₂ /NO _y , NO	<input checked="" type="checkbox"/>	099,690,674	Hourly	1/10/1993	<input type="checkbox"/>
CO Trace	<input checked="" type="checkbox"/>	554	Hourly	1/1/2011	<input type="checkbox"/>
Pb	<input checked="" type="checkbox"/>	045	1:6	1/1/2011	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	10/1/1987	<input type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	045	1:6	1/1/2011	<input type="checkbox"/>
Carbon	<input checked="" type="checkbox"/>	URG 300	1:3	9/1/2009	<input type="checkbox"/>
PMcoarse Dicot	<input checked="" type="checkbox"/>	176	1/3	6/1/2014	<input type="checkbox"/>
PM ₁₀ Continuous	<input checked="" type="checkbox"/>	079	Hourly	4/1/1998	<input type="checkbox"/>
Other (AQI)	<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:**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_{2.5} speciation monitor is collocated.

Site Name: Master Metals Asphalt A

AQS Site ID: 39-035-0061

Agency: Cleveland Division of Air Quality

Primary QA Org.: Ohio EPA, Northeast District Office

MSA: Cleveland-Elyria-Mentor

Address: West Side of West 3rd, Cleveland 44109

Latitude: +41.473092

Longitude: -81.675956



Site description: This is a SLAMS lead/metals site. The monitor was originally placed across from the Master Metals lead smelting facility. The facility has since closed and been dismantled. It became a Brownfield property that was cleaned by EPA. The property is currently a lumber yard.

Monitoring objective and spatial scale: Objective: Highest concentration; Scale: Middle

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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 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 checked="" type="checkbox"/>	110	1:6	1/12/1993	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	1/12/1993	<input type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	110	NA	1/12/1993	<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organics)	<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

Site Name: Berea Board of Education

AQS Site ID: 39-035-0064
Agency: Cleveland Division of Air Quality
Primary QA Org.: Ohio EPA, Northeast District Office
MSA: Cleveland-Elyria-Mentor
Address: 390 Fair St., Berea 44107
Latitude: +41.36189
Longitude: -81.864608



Site description: This is a SLAMS ozone site located at the Board of Education building in Berea, Ohio approximately 2.5 miles south of Cleveland Hopkins International Airport.

Monitoring objective and spatial scale: Objective: Upwind background and highest concentration when the wind flow is from Cleveland. Scale: Neighborhood.
The site represents a upwind ozone site for the Cleveland metropolitan area.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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"/>	087	Hourly	4/1/1994	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organics)					
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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:

Site Name: Harvard Yards

AQS Site ID: **39-035-0065**
 Agency: Cleveland Division of Air Quality
 Primary QA Org.: Ohio EPA, Northeast District Office
 MSA: Cleveland-Elyria-Mentor
 Address: 4600 Harvard Ave., Newburgh Heights 44105
 Latitude: +41.446682
 Longitude: -81.662419



Site description: This site is a SLAMS monitoring site that samples for SO₂, PM_{2.5} and PM₁₀. The site is located on the premises of the Cleveland Water Department in an industrial area of Cleveland.

Monitoring objective and spatial scale: Continuous monitoring of SO₂ with intermittent monitoring of PM₁₀ and PM_{2.5}, population exposure for PM_{2.5}, but highest concentration for PM_{2.5}. Spatial scale is neighborhood and land use is industrial.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	1/29/1999	<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"/>	063	1:6	7/15/1997	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	7/3/1997	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organics)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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:**

Site Name: Fire Station 22

AQS Site ID: **39-035-0069**
Agency: Cleveland Division of Air Quality
Primary QA Org.: Ohio EPA, Northeast District Office
MSA: Cleveland-Elyria-Mentor
Address: 7300 Superior Ave. 44103
Latitude: +41.51906
Longitude: -81.637714



Site description: This is a special purpose air toxics monitor located in Cleveland's east side. This site was originally part of a two year, three site air toxics monitoring network. This site will continue to operate indefinitely. The monitor is located on the roof of Cleveland's Fire Station No. 22 . The land use residential.

Monitoring objective and spatial scale: Objective: Population exposure. Scale Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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 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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics(organiacs)	<input checked="" type="checkbox"/>	TO14A	1:12	5/08/2002	<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: Air Toxics is currently not being sampled here.

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: Century

AQS Site ID: 39-035-0072

Agency: Cleveland Division of Air Quality

Primary QA Org.: Ohio EPA, Northeast District Office

MSA: Cleveland-Elyria-Mentor

Address: 26565 Miles Rd., Warrensville Heights 44128

Latitude: +41.42585

Longitude: -81.49078



Site description: This special purpose Metals/Lead sampler was placed at this location as the result of new the lead NAAQS promulgated in 2008. Modelling emissions from this facility (American Spring Wire) show possible concentrations to be near or above the new lead NAAQS. The TSP filters are analyzed for metals as well as lead.

Monitoring objective and spatial scale: Objective: Source-oriented. Scale: Middle

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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 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 checked="" type="checkbox"/>	110	1:6	1/1/2010	<input checked="" type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	1/1/2010	<input checked="" type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	110	1:6	1/1/2010	<input checked="" type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiacs)					
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: This site is being proposed to be discontinued sometime in 2016.

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: Brookpark Memorial School

AQS Site ID: 39-035-1002

Agency: Cleveland Division of Air Quality

Primary QA Org.: Ohio EPA, Northeast District Office

MSA: Cleveland-Elyria-Mentor

Address: 16900 Holland Rd., Brookpark 44142

Latitude: +41.39629

Longitude: -81.818667



Site description: This is a SLAMS PM₁₀/PM_{2.5} FRM site in Cleveland's west side. The monitors are located on the roof of the Brookpark Memorial School. Air toxics sampling is also conducted here.

Monitoring objective and spatial scale: Objective: Population exposure. Scale: Neighborhood.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	1/8/1999	<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"/>	063	1:6	8/7/1988	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input checked="" type="checkbox"/>	canister	1:12	1/1/2011	<input type="checkbox"/>
Toxics(organics)	<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 FR Part 58

Comments:

Site Name: Mayfield Heights High School

AQS Site ID: 39-035-5002

Agency: Cleveland Division of Air Quality

Primary QA Org.: Ohio EPA, Northeast District Office

MSA: Cleveland-Elyria-Mentor

Address: 6116 Wilson Mills, Mayfield Heights 44143

Latitude: +41.537041

Longitude: -81.45889



Site description: This is a SLAMS ozone site on the east side of Cuyahoga County located on the roof of Mayfield Heights HS. The site is considered a maximum downwind impact site for ozone for the Cleveland MSA.

Monitoring objective and spatial scale: Objective: To sample maximum ozone concentrations. Measurement Scale: Urban

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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"/>	019	Hourly	4/12/1985	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organics)					
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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:

Site Name: ODOT I-271 NEAR RD.

AQS Site ID: 39-035-0073
Agency: Cleveland Division of Air Quality
Primary QA Org.: Ohio EPA, Northeast District Office
MSA: Cleveland-Elyria-Mentor
Address: 25609 Emory Rd., Warrensville Heights 44128
Latitude: +41.4408
Longitude: -81.4948



Site description: This is Cleveland's new NO₂ near road site located just along Cleveland's I-271 east outerbelt. The average daily traffic exceeds 168,000 vehicles. Monitoring of NO₂ and carbon monoxide is planned with PM_{2.5} sampling to be added later.

Monitoring objective and spatial scale: Objective: to sample highest near road concentrations. Scale: Microscale

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input checked="" type="checkbox"/>	099	Hourly		<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	093	Hourly		<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	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiics)					
Meteorology	<input checked="" type="checkbox"/>	061	Hourly	7/24/2014	<input type="checkbox"/>
Other(AQI)	<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

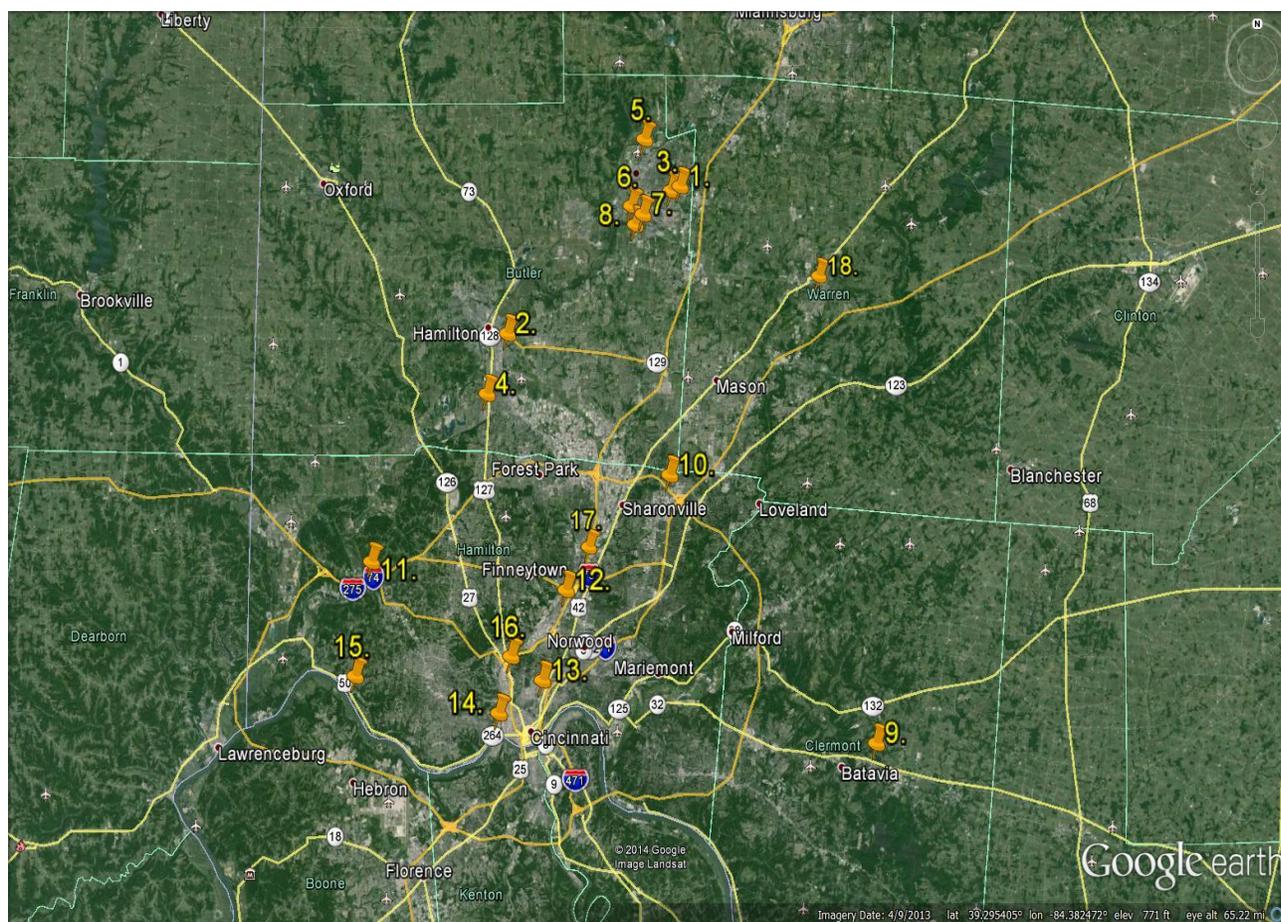
Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments:

Southwest Ohio Air Quality Agency Counties Jurisdiction Map



2016 SOUTHWEST OHIO AQA AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM ₁₀	O ₃	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPE	NCORE	Pb/metals
1. 39-017-0003	Verity	X	X					X			
2. 39-017-0004	Hamilton FH			X							
3. 39-017-0015	Ohio Bell	X	X								X*
4. 39-017-0016	Sacred Heart	X									
5. 39-017-0018	Middletown			X							
6. 39-017-0019	Amanda	X	X		X			X			
7. 39-017-0020	Yankee Rd.	X	X		X			X			
8. 39-017-0021 39-017-0022	MADE BPG	X			X						
9. 39-025-0022	Batavia	X		X							
10. 39-061-0006	Sycamore	X		X							
11. 39-061-0010	Colerain	X		X	X						
12. 39-061-0014	Carthage	X*	X					X			
13. 39-061-0040	TAFT	X*	X*	X	X	X	X		X	X	X
14. 39-061-0042	Lower PH	X									
15. 39-061-0047	Kibby Lane							X			
16. 39-061-0048	Near Road	X				X	X				
17. 39-061-5001	Lockland		X*								
18. 39-165-0007	Lebanon	X		X							

x* collocated monitor

Site Name: VerityAQS Site ID: **39-017-0003**

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Hamilton-Middletown

Address: 1900 Johns Road, Middletown

Latitude: 39.4938

Longitude: -84.3543



Site description: School roof. Location is Urban/Center City. Land use is considered Industrial. This is a SLAMS site.

Monitoring objective and spatial scale: Population Exposure for PM 2.5 & PM10 (Middletown, OH). Spatial Scale:Neighborhood scale.

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 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		<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: This site was shut down on 3/31/16. The PM2.5 and PM10 monitors were moved to and combined with the Ohio Bell site (39-017-0015), per the 2016 monitoring plan.

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 Hamilton

AQS Site ID: 39-017-0004

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Hamilton-Middletown

Address: Schuler And Bender, Hamilton

Latitude: 39.38339

Longitude: -84.544322



Site description: This is a SLAMS site. Land Use is Commercial. Location Type is Suburban.

Monitoring objective and spatial scale: Monitoring Objective:Population Exposure ; Spatial Scale: Urban

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"/>	87	Hourly	1/1/1982	<input checked="" 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		<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: This building has been vacant for a few years and the Hamilton Fire Dept recently sent information that they will likely divest of the property in the near future. This ozone site will most likely be moved either during the 2016 monitoring season or before the 2017 season begins, depending on building conditions, safety concerns, ownership changes and locating a new site. Ozone monitoring will begin in the Hamilton area on 3/1 for the 2017 season to meet the requirements of the 2015 standard.

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: Ohio BellAQS Site ID: **39-017-0015**

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Hamilton-Middletown

Address: 3901 Lefferson, Middletown

Latitude: 39.49072

Longitude: -84.36374

**Site description: Land Use: Industrial; Location Type: Suburban. SLAMS site.****Monitoring objective and spatial scale: Monitoring Objective: Population Exposure ; Spatial Scale: Neighborhood**

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	4/1/2016	<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"/>	125	1:6	4/1/2016	<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"/>
Metals	<input type="checkbox"/>				<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: Hi-volume PM10 and TSP-Pb/metals samplers were shut down on the roof location on 12/31/15, per the 2016 monitoring plan. PM2.5 and low-volume PM10 samplers were moved/combined from Verity site to a ground level location at Ohio Bell starting 4/1/16.

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: Sacred Heart School (SHS)AQS Site ID: **39-017-0016**

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Hamilton-Middletown

Address: 400 Nilles Road, Fairfield

Latitude: 39.33839

Longitude: -84.5666

**Site description: This is a SLAMS site. Land Use: Residential; Location Type: Urban and City Center.****Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: Urban**

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	10/3/2000	<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 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		<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:

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 Middletown

AQS Site ID: 39-017-0018

Agency: Hamilton County Department of Environmental Servic

Primary QA Org.: Southwest Ohio PQA0

MSA: Hamilton-Middletown

Address: Hook Field Airport, Middletown

Latitude: 39.529444

Longitude: -84.393453



Site description: SLAMS, Area Source, Commercial Land Use; Location Type: Suburban

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: Urban

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"/>	87	Hourly	4/1/2010	<input checked="" 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		<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: Ozone monitoring will begin 3/1/17 to meet the requirements of the 2015 ozone standard.

Quality Assurance

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

Comments: Meteorological data is available from Airport records.

Site Amanda Elementary

AQS Site ID: 39-017-0019

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Cincinnati-Middletown

Address: 1300 Oxford State Road, Middletown, OH

Latitude: 39.478849

Longitude: -84.407675



Site description: This is a source-oriented monitoring site required by a facility permit.

Land use: Residential; **Location type:** Suburban; **Monitor type:** Industrial

SO2 and PM data from this site are not used for reporting the Greater Cincinnati AQI to the public

Monitoring objective and spatial scale: Source oriented; Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	6/1/2011	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	753	Hourly	7/1/2011	<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"/>	125	1:6	6/1/2011	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	8/1/2011	<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 checked="" type="checkbox"/>	150	1:12	7/1/2011	<input type="checkbox"/>
Meteorology	<input checked="" 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:

Quality Assurance

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

Comments: Meteorological data is collected at site (ambient temperature, barometric pressure, relative humidity, solar radiation, wind speed and direction) and quality assured with annual certifications

Site Yankee Road

AQS Site ID: 39-017-0020

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Cincinnati-Middletown

Address: 3350 Yankee Road, Middletown, OH

Latitude: 39.472436

Longitude: -84.394952



Site description: This is a source-oriented monitoring site required by a facility permit.

Land use: Industrial; **Location type:** Suburban; **Monitor type:** Industrial

SO₂ and PM data from this site are not used for reporting the Greater Cincinnati AQI to the public. The PM_{2.5} FRM monitor is excluded from NAAQS comparison to the annual PM_{2.5} standard due to being a middle scale monitor. The exclusion request was approved by USPEA Region 5 in the network approval letter received 10/31/14. Regional concurrence in AQS was added 4/7/15.

Monitoring objective and spatial scale: Source oriented; Neighborhood (Middle scale for PM_{2.5})

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	7/1/2011	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	753	Hourly	8/1/2011	<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"/>	125	1:6	7/1/2011	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	7/1/2011	<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 checked="" type="checkbox"/>	150	1:12	7/1/2011	<input type="checkbox"/>
Meteorology	<input checked="" 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:

Quality Assurance

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

Comments: Meteorological data is collected at site (ambient temperature, barometric pressure, relative humidity, solar radiation, wind speed and direction) and quality assured with annual certifications

Site MADE

AQS Site ID: 39-017-0021

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Cincinnati-Middletown

Address: 1491 Made Industrial Drive

Latitude: 39.46474

Longitude: -84.403593



Site description: This is a source-oriented site resulting from a settlement agreement. Site is operated by SWOAQA. Land use: mixed residential/agricultural/ industrial Location type: Suburban Monitor type: Industrial SO2 data from this site are not used for reporting the Greater Cincinnati AQI to the public

Monitoring objective and spatial scale: Source oriented; Neighborhood

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"/>	100	Hourly	6/1/2013	<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<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		<input type="checkbox"/>
Meteorology	<input checked="" 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:

Quality Assurance

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

Comments: Meteorological data is collected at the site (ambient temperature, barometric pressure, relative humidity, wind speed and direction) and quality assured with annual certifications

Site BPG

AQS Site ID: 39-017-0022

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQA0

MSA: Cincinnati-Middletown

Address: 3214 Yankee Road

Latitude: 39.478686

Longitude: -84.397112



Site description: Location type: Suburban Land use: Residential Monitor type: Special Purpose

**Monitoring objective and spatial scale: Source Oriented for PM 2.5 (multiple sources).
Spatial Scale: Neighborhood**

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:6	2/5/2015	<input checked="" 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 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		<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: Operating schedule for the PM2.5 sampler will change from 1:6 to 1:3 in 2017, either on 1/1 or 4/1, depending on availability of funding.

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 Batavia

AQIS Site ID: 39-025-0022

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQA0

MSA: Cincinnati-Middletown

Address: 2400 Clermont Center Drive, Batavia

Latitude: 39.0828

Longitude: -84.14411

**Site description: Land Use: Residential; Location Type: Suburban. This is a SLAMS site.****Monitoring objective and spatial scale: Highest Concentration; Urban****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 checked="" type="checkbox"/>	761	Hourly	4/1/2005	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	87	Hourly	4/1/2001	<input checked="" 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		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQIS). 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: Ozone monitoring will begin 3/1/17 to meet the requirements of the 2015 ozone standard.

Quality Assurance

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

Comments:

PM_{2.5} continuous monitor for AQI purposes.

Meteorological data is collected at site (ambient temperature, wind speed and direction, and solar radiation) and quality assured with annual certifications

Site Sycamore

AQS Site ID: 39-061-0006

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Cincinnati-Middletown

Address: 11590 Grooms Road, Cincinnati

Latitude: 39.278692

Longitude: -84.366251



Site description: This is a SLAMS site. Land use is commercial. Location type is suburban.

Monitoring objective and spatial scale: Monitoring objective: For Ozone; Highest Concentration: For PM2.5; Population Exposure (Cincinnati, OH-KY). Spatial Scale: For Ozone; Urban; For PM2.5; Neighborhood.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	1/1/2005	<input checked="" type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	184	Hourly	4/1/2007	<input checked="" type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	87	Hourly	6/1975	<input checked="" 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		<input type="checkbox"/>
Meteorology	<input checked="" 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: Ozone monitoring will begin 3/1/17 to meet the requirements of the 2015 ozone standard. See next page for details of other 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: Colocated PM_{2.5} sampling: 2016 FRM primary 1:3, FEM colocated hourly, comparability study in progress. In 2017, expect the FEM to become primary, and the FRM to become the colocated 1:6 sampler.
Meteorological data is collected at site (ambient temperature, humidity, pressure, wind speed and direction, and solar radiation) and quality assured with annual certifications

Additional Comments:

A Thermo SHARP 5030i FEM PM2.5 monitor was installed in January 2015. This is the first FEM for this method in the SWOAQA network. A NAAQS exclusion has been approved by USEPA Region 5 for the two-year comparability study period allowed. The study will conclude in January 2017. So far, results are favorable, and the FEM monitor is expected to become the primary PM2.5 monitor at this site in January 2017, and the NAAQS exclusion will end for the FEM monitor. The FRM sample frequency will change from 1:3 to 1:6 beginning 1/1/17, and the FRM will change from primary to QA collocated to fulfill the FEM collocation requirements for this method. If the data do not compare well at the end of the study, a new NAAQS exclusion request would be made for the FEM, the FRM would remain primary, and continue to operate on a 1:3 schedule.

Site Colerain

AQS Site ID: 39-061-0010

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Cincinnati-Middletown

Address: 6950 Ripple Road, Cleves

Latitude: 39.214870

Longitude: -84.690859



Site description: This is a SLAMS site. Land use is considered Industrial, location type is Rural.

Monitoring objective and spatial scale: Monitoring objective is Population Exposure. Measurements are on the Urban Scale.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	7/1/2011	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	733	Hourly	7/1/2011	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	87	Hourly	4/1/1978	<input checked="" type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	2/22/2010	<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		<input type="checkbox"/>
Meteorology	<input checked="" 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: Ozone monitoring will begin 3/1/17 to meet the requirements of the 2015 ozone standard.

Quality Assurance

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

Comments: Meteorological data is collected at site (ambient temperature, humidity, pressure, wind speed and direction, and solar radiation) and quality assured with annual certifications

Site Carthage

AQS Site ID: 39-061-0014

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAQO

MSA: Cincinnati-Middletown

Address: Seymour & Vine, Cincinnati

Latitude: 39.194331

Longitude: -84.478974



Site description: Land Use: Industrial; Location Type: Suburban. This is a SLAMS site. There is a collocated PM2.5 FRM sampler at this site. This is a rooftop sampling site that is adjacent to a railroad line (~40 m) and near I-75 (~200 m).

Monitoring objective and spatial scale: Monitoring Objective: PM2.5 Population Exposure, PM10 Highest Concentration; Spatial Scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	155	1:3	1/1/1999	<input checked="" 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"/>	63	1:6	1/1/1988	<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 checked="" type="checkbox"/>	150	1:12	9/14/1989	<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: Plan to replace old Andersen (method 155) PM2.5 sampler with BGI (method 142) starting 1/1/17. QA collocated sampler will be removed, not needed to meet QA requirements in PQAQO for BGI method.

Quality Assurance



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

Comments: Collocated PM2.5 FRM sampler, collection method 155, operating schedule 1:6.

Site Taft

AQS Site ID: 39-061-0040

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAQO

MSA: Cincinnati-Middletown

Address: 250 Wm. Howard Taft, Cincinnati

Latitude: 39.128841

Longitude: -84.504011



Site description: This is an urban NCore and SLAMS site at the agency office. Ozone is monitored year round at this NCore site. Land Use: Residential, Location type: Urban. There are several colocated samplers at this site, see comments below.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	4/1/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	184	Hourly	1/1/2001	<input checked="" type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:3	4/1/1999	<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	87	Hourly	4/1/1999	<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	125	1:3	1/1/2011	<input type="checkbox"/>
PM ₁₀ Continuous	<input checked="" type="checkbox"/>	79	Hourly	2/1/2001	<input type="checkbox"/>
SO ₂ (trace)	<input checked="" type="checkbox"/>	592	Hourly	1/1/2011	<input type="checkbox"/>
NO ₂	<input checked="" type="checkbox"/>	99	Hourly	4/1/1999	<input type="checkbox"/>
CO (trace)	<input checked="" type="checkbox"/>	588	Hourly	1/1/2011	<input checked="" type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO _y (trace)	<input checked="" type="checkbox"/>	691	hourly	2/1/2011	<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>	127	hourly	1/1/2011	<input type="checkbox"/>
PM _{coarse}	<input checked="" type="checkbox"/>	173	1:3	1/1/2011	<input type="checkbox"/>
Black Carbon	<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: See next page for details of 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: Colocated monitors include: PM_{2.5} FRM, low-vol PM₁₀, PM_{coarse} (method codes 142,125, and 173 respectively); 1:6 sampling schedule. Colocated PM_{2.5} speciation monitor- URG; 1:3 sampling schedule. Met data is quality assured with annual certifications and reported to AQS.

Additional details of proposed changes

A Thermo SHARP 5030 FEM PM2.5 monitor was installed at NCore in March 2015. This is a new FEM method in SWOAQA's monitoring network. A NAAQS exclusion has been approved by USEPA Region 5 for the two-year comparability study period allowed. The FEM/FRM comparability study is being conducted at the Sycamore site (39-061-0006) and will conclude in January 2017. So far, results are favorable, and the FEM is expected to be used for NAAQS compliance purposes in 2017. The FEM will not become the primary monitor at the Taft location since this site is the designated/collocated BGI FRM site, but will be used for days when the primary monitor does not have data. If the data do not compare well at the end of the study, a new NAAQS exclusion request would be made for the FEM. The monitor at Taft will be upgraded to a SHARP 5030i by 2017, but this will not impact the method code or data.

The trace CO analyzer will be changed from an Ecotech to an API model by the end of 2016. The method code will change to 593 as a result of this replacement.

In addition to the current NO_x monitor used to measure NO₂, the NCore site will add a true NO₂ monitor by 1/1/17. This monitor is a Teledyne API T500U direct measure NO₂ cavity attenuated phase shift spectroscopy analyzer (method 212).

Lead analysis of the low-vol PM₁₀ filters at NCore ended as of 12/31/15, after the new monitoring rule was finalized and with regional approval.

SWOAQA plans to install an aethalometer to measure black carbon at NCore by January 2017.

Site Lower Price Hill (LPH)

AQS Site ID: 39-061-0042

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQA0

MSA: Cincinnati-Middletown

Address: 2101 W. 8th St., Cincinnati

Latitude: 39.10492

Longitude: -84.55117



Site description: Land Use: Site is in a mixed residential/small industrial area west of the city center of Cincinnati and on the roof of a city firehouse. Urban and City Center. This is a SLAMS site.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure ; Spatial Scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	10/3/2000	<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 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		<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:

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 **Kibby Lane**

AQS Site ID: **39-061-0047**

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQA0

MSA: Cincinnati-Middletown

Address: 7529 Gracely Drive, Cincinnati

Latitude: 39.131635

Longitude: -84.707205



Site description: This is a source-oriented air toxics VOC monitoring site currently required by a consent decree. It is located downwind of a local industrial facility near the intersection of Gracely Drive & Kibby Lane. Land use: Industrial Location type: Suburban Monitor type: Industrial

Monitoring objective and spatial scale: Population exposure; Neighborhood

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 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 checked="" type="checkbox"/>	150	1:6	8/19/2012	<input checked="" 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 consent decree which requires VOC ambient monitoring for this source will end soon. Sampling will no longer be required, but will continue on a reduced 1:12 sample schedule.

Quality Assurance

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

Comments: There are no QA requirements for this site in 40 CFR Part 58 appendices. Met data is provided by the local industrial facility.

Site Cincinnati Near Road

AQS Site ID: 39-061-0048

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAQO

MSA: Cincinnati-Middletown

Address: 3428 Colerain Ave, Cincinnati

Latitude: 39.146025

Longitude: -84.538375



Site description: This is the Cincinnati Near Road monitoring site. This is a SLAMS site for NO2 and CO. SLAMS PM2.5 will be added January 2017. Land use: Mobile Location type: Urban

Monitoring objective and spatial scale: NO2 & CO: Highest concentration, Microscale; PM2.5 Highest concentration, scale TBD

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 checked="" 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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input checked="" type="checkbox"/>	99	Hourly	1/1/2014	<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	593	Hourly	8/1/2014	<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		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Black Carbon	<input checked="" type="checkbox"/>	894	Hourly	5/1/2015	<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: Adding a Thermo SHARP 5030i continuous PM2.5 FEM instrument (method 184, hourly data) scheduled to begin 1/1/17.

Quality Assurance

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

Comments: Meteorological data is collected at site (ambient temperature, barometric pressure, relative humidity, solar radiation, wind speed and direction) and quality assured with annual certifications.

Site Lockland

AQS Site ID: 39-061-5001

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAQO

MSA: Cincinnati-Middletown

Address: 101 N. Cooper Ave., Lockland

Latitude: 39.226729

Longitude: -84.453978



Site description: This is a SLAMS site next to I-75 on the roof of the City of Lockland municipal building. There is a colocated PM10 sampler at this site. Land use: Commercial Location type: Urban

Monitoring objective and spatial scale: Population Exposure, Neighborhood

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"/>	63	1:6	7/1/1986	<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		<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:

Quality Assurance

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

Comments: PM10 Colocated sampler, collection method 63, operating schedule 1:6

Site Lebanon

AQS Site ID: 39-165-0007

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Southwest Ohio PQAO

MSA: Cincinnati-Middletown

Address: 430 Southeast Street, Lebanon

Latitude: 39.42693

Longitude: -84.200633



Site description: Residential Land Use, SLAMS, Area Source, Suburban

Monitoring objective and spatial scale: Highest Concentration; Urban

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 checked="" type="checkbox"/>	731	Hourly	1/1/2007	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	87	Hourly	5/14/2003	<input checked="" 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		<input type="checkbox"/>
Meteorology	<input checked="" 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: Ozone monitoring will begin 3/1/17 to meet the requirements of the 2015 ozone standard.

Quality Assurance



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

Comments:

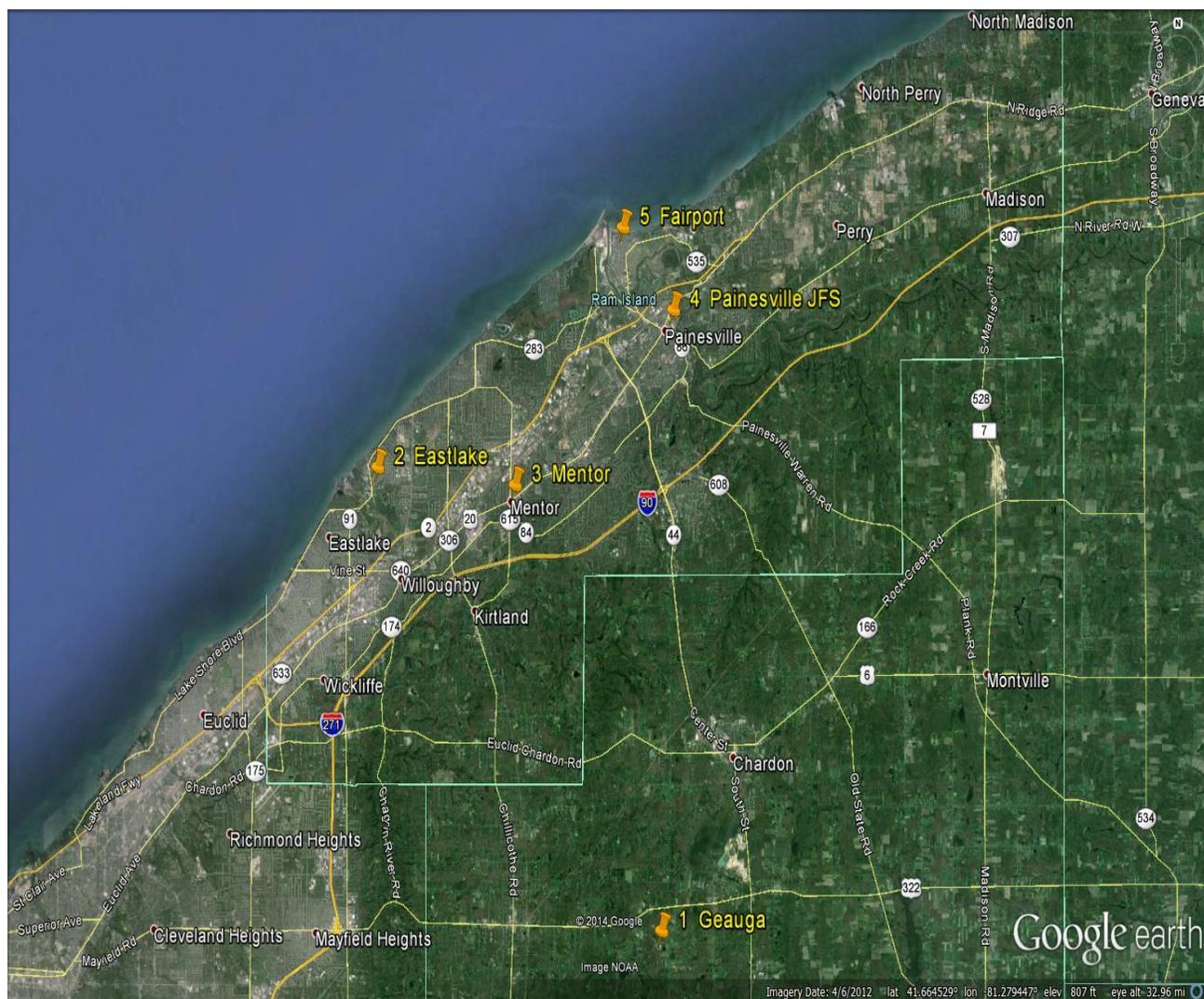
PM_{2.5} continuous monitor for AQI purposes.

Meteorological data is collected at site (ambient temperature, wind speed and direction, and solar radiation) and quality assured with annual certification

LAKE COUNTY GENERAL HEALTH DISTRICT
JURISDICTION MAP



2016 LAKE LOCAL AIR AGENCY MONITORING SITES



Map/AQS #	NAME	PM _{2.5}	PM ₁₀	Ozone	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPEC	Pb/Metals
1. 39-055-0004	Geauga			x						
2. 39-085-0003	Eastlake			x	x					
3. 39-085-0006	Mentor					x				
4. 39-085-0007	Painesville JFS	x*1		x	x					
5. 39-085-1001	Fairport		x*							

x* collocated PM₁₀ monitor

x*1 PM_{2.5} monitors include a filter FRM, a continuous and a collocated monitor

Site Notre Dame

AQS Site ID: 39-055-0004

Agency: Lake County Health Department Division Air Polluti
Primary QA Org.: Lake County Health Department Division Air Pc
MSA: Cleveland-Elyria-Mentor
Address: 13000 Auburn Rn, Notre Dame HS, Munson 44024
Latitude: 41.515
Longitude: -81.2499



Site description: This is a SLAMS Ozone monitoring site. The site is considered a maximum downwind site for the measurement of ozone emanating from the Cleveland metropolitan area. The monitor probe is located on the roof of a school building in a very rural area on the western edge of Geauga county. The terrain is one of the highest points just SE of Cleveland.

Monitoring objective and spatial scale: The monitoring objective is to monitoring maximum ozone concentrations emanating from the Cleveland metropolitan area. The spatial scale is urban and location setting is rural.

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"/>	087	Hourly	4/1/1997	<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(AQI)	<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:

Site Eastlake

AQS Site ID: **39-085-0003**

Agency: Lake County Health Department Division Air Polluti

Primary QA Org.: Lake County Health Department Division Air Pc

MSA: Cleveland-Elyria-Mentor

Address: 35980 Lakeshore Blvd., Eastlake 44095

Latitude: 41.673

Longitude: 4-81.422455



Site description: This is a SLAMS site located to monitor a CEI power plant situated several miles to the NW. However the Lakeshore CEI power plant was shut down in 2015 and is scheduled for demolition. Otherwise it is a neighborhood scale site and monitors SO₂ and ozone.

Monitoring objective and spatial scale: Population exposure for SO₂ and a maximum ozone impact site for downwind concentrations from the Cleveland MSA; **Measurement scale:** neighborhood.

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"/>	087	Hourly	06/11/1985	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	01/01/1985	<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(AQI)	<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:

Site Consumer Tire

AQS Site ID: 39-085-0006

Agency: Lake County Health Department Division Air Polluti

Primary QA Org.: Lake County Health Department Division Air Po

MSA: Cleveland-Elyria-Mentor

Address: 8443 Mentor Avenue, Mentor 44060

Latitude: 41.6669

Longitude: -81.338781



Site description: This is a SLAMS carbon monoxide microscale monitoring. The sampling probe site extends out over a sidewalk in front of the Consumer Tire store in Mentor and is a few meters from a State Route 20, a major thoroughfare, State Route 20. The primary purpose is measurement of CO at a major roadway and is near the intersection of two major streets in Lake county.

Monitoring objective and spatial scale: The site is considered source oriented monitoring for the local population. The spatial scale is microscale and location setting is suburban.

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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	051	Hourly	8/26/1992	<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(AQI)	<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:

Site JFS Painesville

AQS Site ID: 39-085-0007

Agency: Lake County Health Department Division Air Polluti

Primary QA Org.: Lake County Health Department Division Air Po

MSA: Cleveland-Elyria-Mentor

Address: 177 Main Street, Painesville 44077

Latitude: 41.7268

Longitude: -81.2421



Site description: This is a SLAMS monitoring site for O₃, SO₂, and PM_{2.5}. The site is considered a maximum ozone downwind site for the measurement of ozone emanating from the Cleveland metropolitan area. The monitor probe is located on the roof of a downtown city building.

Monitoring objective and spatial scale: The site is considered highest concentrations for PM_{2.5} and a maximum ozone impact area from the Cleveland MSA. The spatial scale is urban and location setting is rural.

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	1/1/2009	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	760	Hourly	1/1/2009	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	087	Hourly	1/1/2009	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	1/1/2009	<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(AQI)	<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: A collocated PM_{2.5} FRM monitor samples every sixth day at this site.

Site **Fairport Harbor**

AQS Site ID: **39-085-1001**

Agency: Lake County Health Department Division Air Polluti

Primary QA Org.: Lake County Health Department Division Air Po

MSA: Cleveland-Elyria-Mentor

Address: 325 Vine Street, Fairport Harbor 44077

Latitude: 41.755

Longitude: -81.273056



Site description: This is a SLAMS PM₁₀ site. The PM₁₀ samplers are located on the roof of the Fairport Harbor High School. It is an industrial source monitoring.

Monitoring objective and spatial scale: The site is considered population oriented monitoring. The spatial scale is neighborhood and location setting urban and center city.

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"/>	063	1:6	1/10/1989	<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

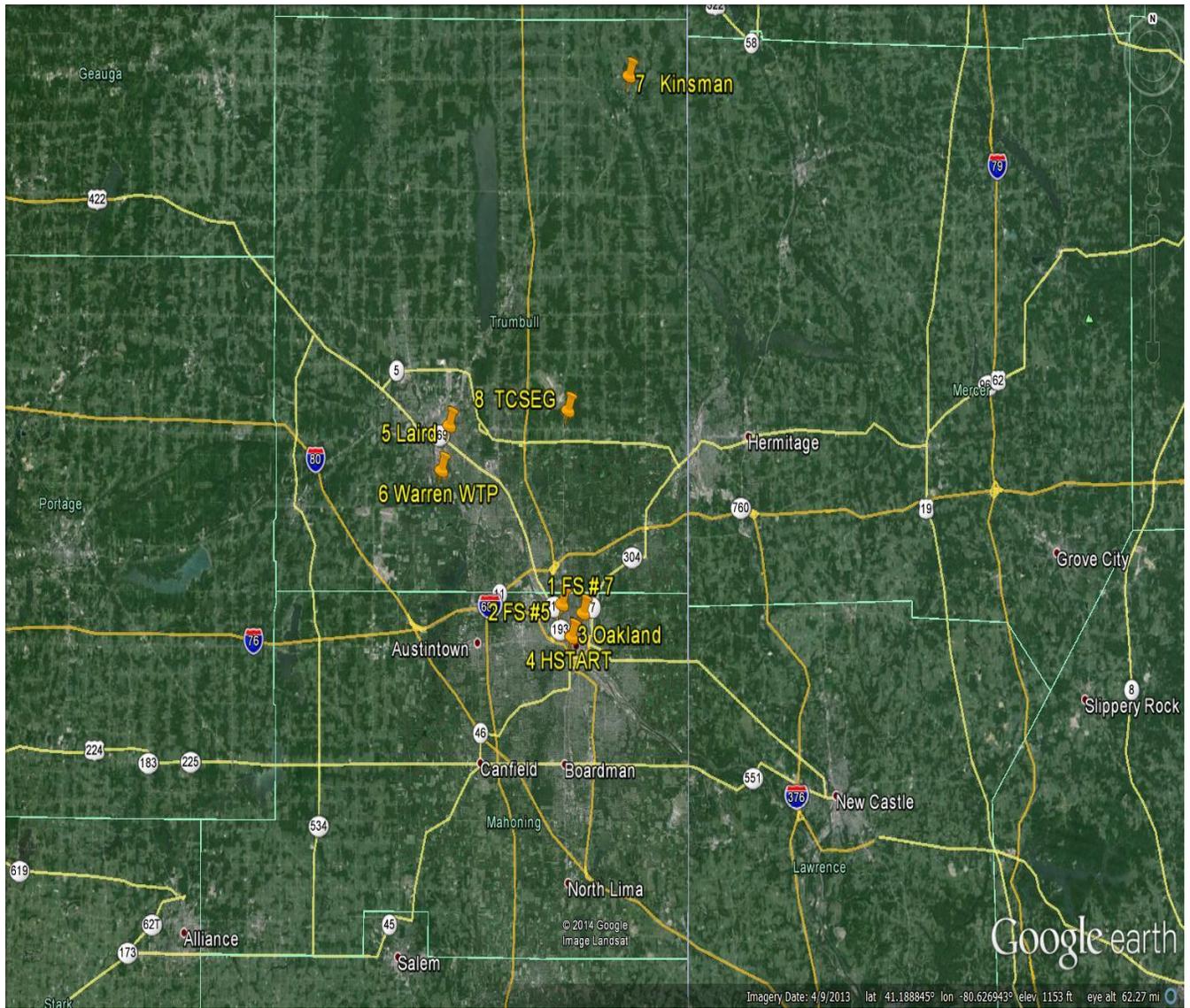
Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments: A collocated PM₁₀ monitor is located at this site.

M-TAPCA LOCAL AIR AGENCY
JURISDICTION MAP



2016 MAHONING-TRUMBULL APC AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM _{2.5} CONT	PM ₁₀	O ₃	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPE	Pb/metals
1. 39-099-0005	FS #7	x*		x							
2. 39-099-0006 ²	FS # 5			x*							
3. 39-099-0013	Oakland				x	x					
4. 39-099-0014	HSTART	x	x								
5. 39-155-0014 ¹	Laird	x	x	x*							
6. 39-155-0006	Warren WTP	x									
7. 39-155-0013	Kinsman				x						
8. 39-155-0011	TCSEG				x						

*collocated monitor

¹ Laird Avenue site was moved to another rooftop on the same property and began sampling Jan. 1, 2016. Formerly was 39-155-0005 which operated until May 31, 2015.

² This site is proposed to be relocated or discontinued possibly in 2016.

Site Fire Station No. 7

AQS Site ID: **39-099-0005**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 145 Madison Avenue, Youngstown 44505

Latitude: 41.11111

Longitude: -80.645278



Site description: This is a SLAMS PM₁₀ and PM_{2.5} ozone monitoring site located on the roof of Youngstown Fire Station No. 7. It is an inner city site located just north of downtown.

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.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:6	1/1/1999	<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"/>	063	1:6	12/21/1988	<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"/>
Metals	<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: Collocated PM_{2.5} monitor.

Site **Fire Station No. 5**

AQS Site ID: **39-099-0006**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agen

MSA: Youngstown-Warren-Boardman

Address: 1524 Oakland Avenue, Youngstown 44510

Latitude: 41.11667

Longitude: -80.66972



Site description: This is a SLAMS PM₁₀ monitoring site located in a former industrial area. Some remnant of industry remains. It is located northwest of downtown and is part of inner city Youngstown. Location setting is urban and land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective: Population exposure; Spatial Scale: Neighborhood.

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"/>	063	1:6	10/4/1985	<input checked="" 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"/>
Metals	<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: A collocated PM₁₀ monitor is sited here. This site may be relocated or discontinued sometime in 2016 or 2017.

Site Oakhill

AQS Site ID: 39-099-0013

Agency: Mahoning-Trumbull Air Pollution Control Agency

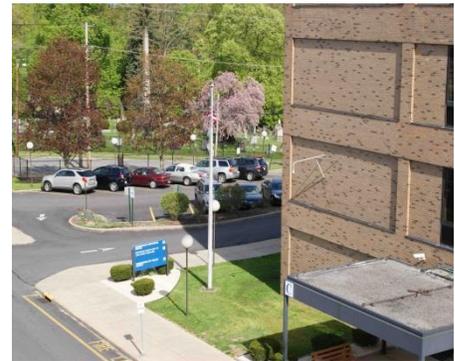
Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 345 Oakhill Avenue, Youngstown 44502

Latitude: 41.096142

Longitude: -80.658903



Site description: This is a SLAMS SO₂ and Ozone monitoring site located at the property of the Mahoning-Trumbull Air Pollution Control Agency. The site is located just SW of I-680 and downtown Youngstown. The location setting is urban and land use is neighborhood.

Monitoring objective and spatial scale: Monitoring Objective: population exposure; Spatial Scale: Neighborhood. Monitoring objective is also to determine air quality in inner city Youngstown and to determine compliance with the SO₂ and 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"/>	087	Hourly	1/1/2000	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	061	Hourly	1/1/2000	<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"/>
Metals	<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(AQI)	<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:

Site Head Start

AQS Site ID: **39-099-0014**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agen

MSA: Youngstown-Warren-Boardman

Address: 345 Oakhill Avenue, Youngstown 44502

Latitude: 41.095938

Longitude: -80.6585167



Site description: This is a SLAMS PM_{2.5} site. Both a FRM and hourly PM_{2.5} monitors operate here. The site is located on the roof of Youngstown's Head start building and is just across the entrance road from the MTAPCA offices and Youngstown's site, 39-099-0013. The location setting is urban. Land use is neighborhood.

Monitoring objective and spatial scale: Monitoring Objective: population exposure; Spatial Scale: Neighborhood. Monitoring objective is to determine compliance with the PM_{2.5} NAAQS..

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	10/5/2002	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	701	Hourly	10/1/2002	<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 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"/>
Metals	<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(AQI)	<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: Two PM_{2.5} BGI PQ200 monitors operate here that sample every six days on alternate scheduled sample days to collect the every three day sample record.

Site Warren WTP

AQS Site ID: 39-155-0006

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 2323 Main Street, Warren 44484

Latitude: 41.202237

Longitude: -80.810644



Site description: This is a SLAMS PM₁₀ monitoring site located on the roof of the Warren Water Pollution Control Center just south of Warren. It monitors a coke plant operations located just to the west and southwest. Location setting is rural and land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective: Source oriented. Spatial Scale: Neighborhood. Monitoring objective is to determine compliance with the PM₁₀ 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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	062	1:6	1/1/1991	<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"/>
Metals	<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 TCSEG

AQS Site ID: **39-155-0011**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agen

MSA: Youngstown-Warren-Boardman

Address: 842 Youngstown-Kingsville Rd., Vienna 44473

Latitude: 41.24047

Longitude: -80.662735



Site description: This is a SLAMS ozone monitoring site located east of Warren and north of Youngstown. The monitor is at the Trumbull County Sanitary Engineers Bldg. It also samples ozone concentrations from other MSAs in NE Ohio and is an Ohio-PA border site. Location setting is rural and land use is residential.

Monitoring objective and spatial scale: Monitoring Objective: Maximum Ozone concentration from the Youngstown-Warren area. 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"/>	087	Hourly	4/1/2002	<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"/>
Metals	<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(AQI)	<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:

Site Name: Laird

AQS Site ID: 39-155-0014

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agen

MSA: Youngstown-Warren-Boardman

Address: 540 Laird Avenue, Warren 44484

Latitude: 41.2317

Longitude: -80.8012



Site description: This is a SLAMS PM_{2.5} and PM₁₀ site located on a roof of the Warren Water Dept. Both a PM_{2.5} FRM and hourly units collect data here. It monitors the downwind transport of PM emissions from a coke plant. Location setting is urban and land use is neighborhood.

Monitoring objective and spatial scale: Monitoring Objective: highest concentration and population exposure; Spatial Scale: neighborhood. Monitoring objective is to determine compliance with the PM NAAQS.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	1/1/2016	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	701	Hourly	1/1/2016	<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	1/1/2016	<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"/>
Metals	<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: A collocated PM₁₀ sampler is located here. This site replaced the former site, 39-155-0005 located on the same property which was discontinued May, Two PM_{2.5} BGI PQ200 monitors operate here that sample every six days on alternate scheduled sample days to collect the every three day sample record.

Site **Kinsman**

AQS Site ID: **39-155-0013**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: monitor not located in a MSA

Address: 6380 Kinsman-Bloomfield Rd., SR 87, Kinsman

Latitude: 41.45465

Longitude: -80.58841



Site description: This is a SLAMS ozone monitoring site located 20 miles northeast of the Warren-Youngstown MSA. The monitor is at the Kinsman township maintenance building. It samples ozone concentrations from the MSAs in NE Ohio and is an Ohio-PA border site. Location setting is rural and land use is agriculture.

Monitoring objective and spatial scale: Monitoring Objective: Monitoring objective is to determine compliance with the ozone NAAQS. Spatial Scale: Regional Transport from NE Ohio MSA into Pennsylvania.

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"/>	087	Hourly	4/1/2015	<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"/>
Metals	<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(AQI)	<input checked="" type="checkbox"/>	NA	NA		<input type="checkbox"/>

* Method codes are from the EPA Air Quality Database (AQSD). 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



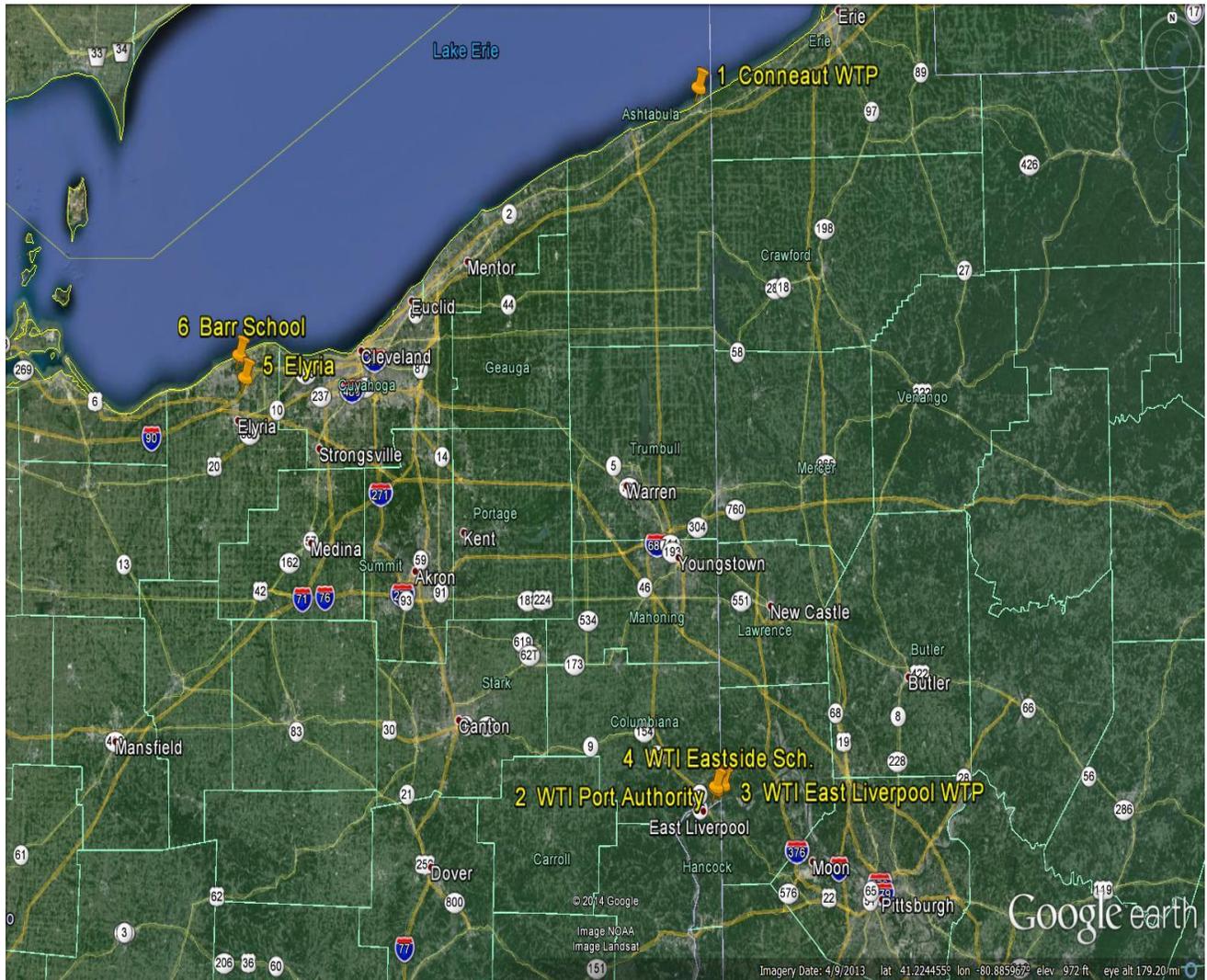
Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments: This site, started sampling April, 2015 was formerly located next door (39-155-0009, which began sampling in 1992).

NORTHEAST DISTRICT OFFICE
JURISDICTION MAP



2016 NEDO AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM _{2.5} Cont.	PM ₁₀	O ₃	SO ₂	CO	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	

x* collocated monitor

Site 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: 41.959695

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 which was shutdown in 2015. The site samples ozone concentrations emanating from the Cleveland MSA, from across Lake Erie and the transport of ozone into Pennsylvania. Location setting is suburban and land use is residential.

Monitoring objective and spatial scale: Monitoring Objective: population exposure; Spatial Scale: neighborhood for SO₂ and regional for O₃. 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(AQI)	<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:

Site WTI 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: 40.631545
 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(AQI)	<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:

Site WTI 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: 40.639595

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 nearby.

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 checked="" 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 checked="" type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	6/1/1997	<input checked="" type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input checked="" 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: Site may be relocated on same property in 2016.

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 WTI Eastside Elementary School

AQS Site ID: 39-029-0023

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: Middle scale. 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	2/6/2016	<input checked="" 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	2/6/2016	<input checked="" 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: The monitors from the former site (39-029-0022) which began sampling in 2001 were moved to this ground location just east from their previous rooftop location in early 2016.

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 **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. 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: neighborhood. 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 checked="" 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(AQI)	<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: This site may be relocated before the 2017 ozone monitoring season.

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 **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: 41.463071

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: Source oriented and 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 checked="" type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	701	Hourly	6/3/2004	<input checked="" type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:6	2/1/2004	<input checked="" 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 checked="" 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"/>
(AQI)	<input checked="" 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 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: This site may be relocated before 2017.

Quality Assurance

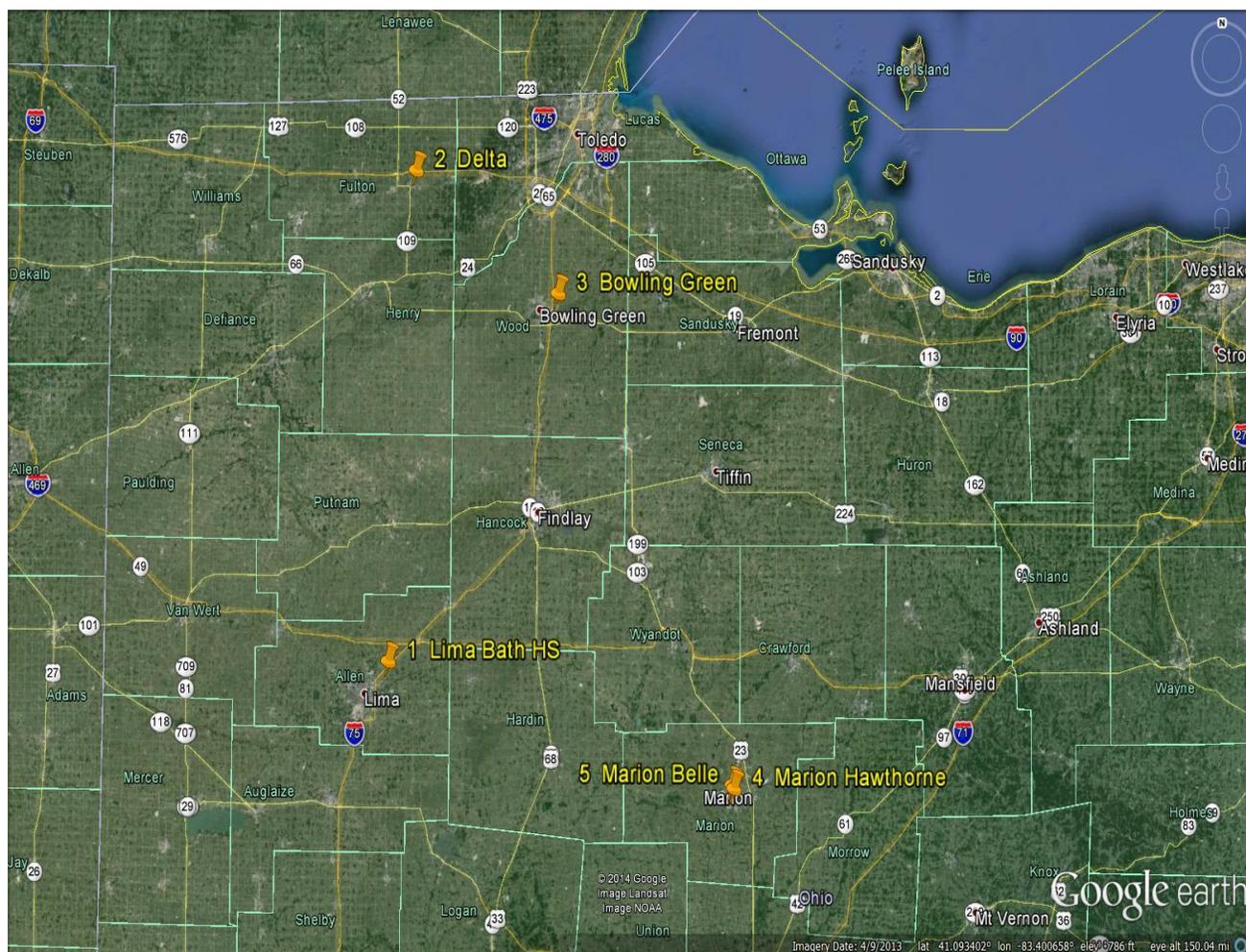
Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments: This site includes a collocated PM_{2.5} monitor that samples every 6th day.

NORTHWEST DISTRICT OFFICE
JURISDICTION MAP



2016 NWDO AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM _{2.5} CONT.	PM ₁₀	O ₃	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPE	Pb/metals
1. 39-003-0009	Lima Bath HS	x*	x		x	x					
2. 39-051-0001	Delta										x*
3. 39-173-0003	Bowling Green				x						
4. 39-101-0003	Marion-Hawthorne										x
5. 39-101-0004	Marion-BELLE										x

x* Collocated monitor.

Site **Lima Bath H.S.**

AQS Site ID: **39-003-0009**

Agency: Ohio EPA, Northwest District Office

Primary QA Org.: Ohio EPA, Northwest District Office

MSA: Lima

Address: 2650 Bible Road, Lima 45801

Latitude: 40.770944

Longitude: -84.0539



Site description: This is a SLAMS PM_{2.5}, SO₂ and ozone monitoring site located in a monitoring trailer on the grounds of the Lima Bath High School. The school is located a few miles northeast of Lima, Ohio. The location setting is rural. Land use is residential.

Monitoring objective and spatial scale: Monitoring Objective: Population exposure. Spatial Scale: Neighborhood for SO₂ and PM_{2.5} but regional scale for ozone.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:6	3/3/2010	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	701	Hourly	6/5/2009	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	6/10/2009	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	6/10/2009	<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(AQI)	<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: A collocated PM_{2.5} monitor began sampling in 2014.

Site **Delta/Fulton Cty.**

AQS Site ID: **39-051-0001**

Agency: Ohio EPA, Northwest District Office

Primary QA Org.: Ohio EPA, Northwest District Office

MSA: monitor not located in a MSA

Address: 200 Van buren St., Delta 43515

Latitude: 41.57588

Longitude: -83.9959



Site description: This is a Special Purpose TSP Lead and Metals monitoring site located just beyond fence line of the Bunting Bearing company. TSP filters are analyzed for metals and lead concentrations. The location setting is center of town. Land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective: source oriented and population exposure; Spatial Scale: Middle scale. Monitoring objective is to quantify lead and heavy metals concentrations in the vicinity of an industrial source.

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 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"/>	192	1:6	1/1/1986	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	1/1/1986	<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: The TSP monitor has a collocated sampler for QA purposes.

Site Marion-Hawthorne

AQS Site ID: 39-101-0003

Agency Ohio EPA, Northwest District Office

Primary QA Ohio EPA, Northwest District Office

MSA: monitor not located in a MSA

Address: Hawthorne Ave., Marion 43302

Latitude: 40.5714

Longitude: -83.13555



Site description: This is a Special Purpose TSP Lead and Metals monitoring site located just beyond fenceline of the NUCOR Steel Recycle plant in Marion. TSP filters are analyze for metals and lead concentrations. The site is required by the State Implementation plan. The location setting is suburban. Land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective: population exposure; Spatial Scale: Middle scale. Monitoring objective is to quantify lead and heavy metals concentrations in the vicinity of a industrial source.

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 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"/>	192	1:6	3/12/2010	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	3/12/2010	<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 Marion-Belle Storage Rental

AQS Site ID: 39-101-0004

Agency: Ohio EPA, Northwest District Office

Primary QA Org.: Ohio EPA, Northwest District Office

MSA: monitor not located in a MSA

Address: 640 Bellefontaine Ave., Marion 43302

Latitude: 40.576656

Longitude: -83.14024



Site description: This is a Special Purpose TSP Lead and Metals monitoring site located north of the NUCOR Steel Recycle plant in Marion. The site replaces the former Bellefontaine Gill site that was across the street. The site is on a scaffold in a parking lot of a storage rental facility. TSP filters are analyze for metals and lead concentrations. The site is required by the State Implementation plan. The location setting is suburban. Land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective: Population exposure; Spatial Scale: Middle scale. Monitoring objective is to quantify lead and heavy metals concentrations in the vicinity of a industrial source.

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 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"/>	192	1:6	1/1/2012	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	1/1/2012	<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiics)	<input type="checkbox"/>				<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 **Bowling Green**

AQS Site ID: **39-173-0003**

Agency: Ohio EPA, Northwest District Office

Primary QA Org.: Ohio EPA, Northwest District Office

MSA: Toledo

Address: 347 N. Dunbridge Rd., Bowling Green 43402

Latitude: 41.377685

Longitude: -83.611104



Site description: This is a SLAMS ozone monitoring site located on the roof of the Ohio EPA Northwest District Office in Bowling Green, Ohio. The site is considered background in the transport of ozone into the Toledo MSA. The location setting is suburban. Land use is agriculture/commercial.

Monitoring objective and spatial scale: Monitoring Objective: Upwind background ozone concentrations. Spatial Scale: Urban.

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	4/1/1997	<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(AQI)	<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>).

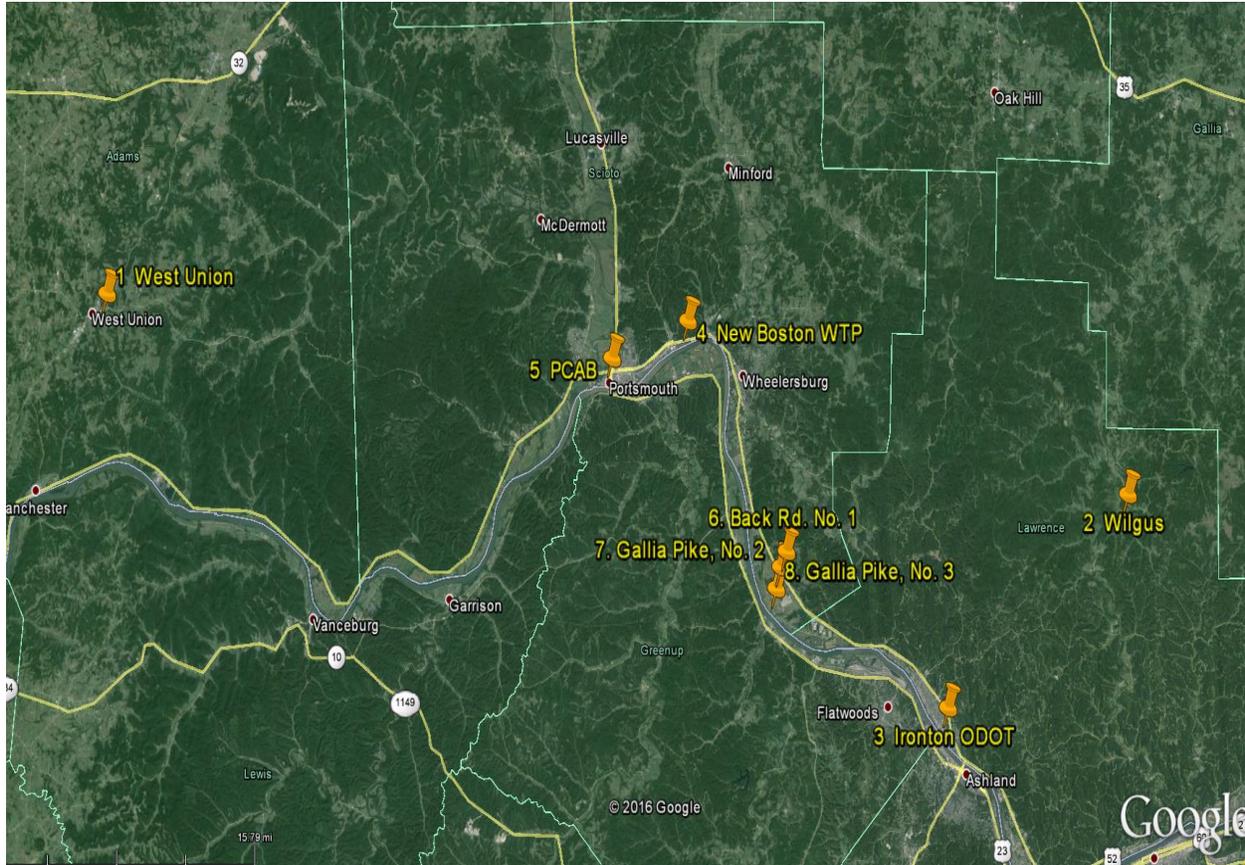
Description of any proposed changes:

Quality Assurance

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

Comments:

2016 PORTSMOUTH LAA 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	Met
1. 39-001-0001	West Union	x			x						
2. 39-087-0011	Wilgus			x							
3. 39-087-0012	Ironton ODOT	x	x	x	x				x		
4. 39-145-0013	New Boston WTP	x*	x*		x						
5. 39-145-0019	PCAB		x								
6. 39-145-0020	Back Rd. #1		x		x						
7. 39-145-0021	Gallia Pike #2		x								x
8. 39-145-0022	Gallia Pike #3		x		x						

x* collocated monitor

Site ADAMHOS

AQS Site ID: 39-001-0001

Agency: Portsmouth City Health Dept Division Air Pollution

Primary QA Org.: Ohio EPA, Central District Office

MSA: monitor not located in a MSA

Address: 210 N. Wilson Dr., West Union 45693

Latitude: 38.79471

Longitude: -83.53398



Site description: This is a SLAMS sulfur dioxide(SO₂) and continuous fine particulate (PM_{2.5}) monitoring site located on the grounds of the Adams County Hospital. Land use is residential/commercial. Location setting is suburban.

Monitoring objective and spatial scale: Monitoring Objective: Population. Spatial Scale: Neighborhood

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 checked="" type="checkbox"/>	753	Hourly	2/1/2006	<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	11/1/1989	<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(AQI)	<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:

Site WILGUS OUTPOST

AQS Site ID: 39-087-0011

Agency: Portsmouth City Health Dept Division Air Pollution

Primary QA Org.: Ohio EPA, Central District Office

MSA: Huntington-Ashland

Address: St. Rt. 141 Wilgus 45696

Latitude: 38.629

Longitude: -82.45886



Site description: This is a SLAMS ozone monitoring site located on the grounds of a ODOT outpost in Wilgus, Ohio in eastern Lawrence county. The site is considered a background site in the transport of ozone into the Huntington-Ashland MSA. The location setting is rural. Land use is agricultural.

Monitoring objective and spatial scale: Monitoring Objective: Max ozone concentrations.

Spatial Scale: Urban

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	4/1/1995	<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(AQI)	<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:

Site IRONTON ODOT

AQS Site ID: 39-087-0012

Agency: Portsmouth City Health Dept Division Air Pollution

Primary QA Org.: Ohio EPA, Central District Office

MSA: Huntington-Ashland

Address: 460 Commerce Drive, Ironton 45638

Latitude: 38.5081

Longitude: -82.65924



Site description: This is a SLAMS O₃, SO₂, PM_{2.5} (Continuous), PM_{2.5} (FRM), and a PM₁₀, monitoring site located on the grounds of the ODOT station in Ironton, Ohio. The site is considered a background site in the transport of ozone, SO₂ and PM into the Huntington- Ashland MSA. The location setting is urban. Land use is agriculture/industrial.

Monitoring objective and spatial scale: Monitoring Objective: Population exposure. Spatial Scale: Neighborhood.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	118	1:3	2/12/2008	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	753	Hourly	4/1/2010	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	4/1/2010	<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	062	1:6	2/11/2008	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060	Hourly	4/1/2010	<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"/>
AQI	<input checked="" 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 Spec.	<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: The PM_{2.5} Chemical and Carbon Speciation monitors were discontinued on Dec. 31, 2014.

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 PWTP

AQS Site ID: 39-145-0013

Agency: Portsmouth City Health Dept Division Air Pollution

Primary QA Org.: Ohio EPA, Central District Office

MSA: monitor not located in a MSA

Address: 4862 Gallia Street, Portsmouth 45662

Latitude: 38.75465

Longitude: -82.917



Site description: This is a SLAMS SO₂, PM₁₀, PM_{2.5} monitoring site located on the roof of the offices of the Portsmouth Water Treatment Plant. The site is considered a point source of fugitive emissions from the remains of the former New Boston Coke plant. The location setting is urban. Land use is residential/industrial.

Monitoring objective and spatial scale: Monitoring Objective: Population exposure for SO₂ and Highest concentrations for PM₁₀ and PM_{2.5}. Spatial Scale: Middle for PM and neighborhood for SO₂.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	118	1:3	1/15/1999	<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	8/1/1988	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060	Hourly	8/1/1988	<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"/>
AQI	<input checked="" 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: Collocated FRM PM₁₀ & PM_{2.5} monitors.

Site PCAB

AQS Site ID: 39-145-0019

Agency: Portsmouth City Health Dept Division Air Pollution

Primary QA Org.: Ohio EPA, Central District Office

MSA: monitor not located in a MSA

Address: 605 Washington St., Portsmouth 45662

Latitude: 38.735056

Longitude: -82.998726



Site description: This is a SLAMS PM₁₀ monitoring site located on the roof of the offices of the Portsmouth City Annex Building. The location setting is city center. Land use is commercial.

Monitoring objective and spatial scale: Monitoring Objective: Population exposures. Spatial Scale: Neighborhood

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	8/29/2001	<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	<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 Back Rd., No. 1 Plant Site

AQS Site ID: 39-145-0020

Agency: URS Corporation, Texas

Primary QA Org.: URS Corporation, Texas

MSA: monitor not located in a MSA

Address: 2840 Back Road, Haverhill 45629

Latitude: 38.60934

Longitude: -82.8225



Site description: This is an industrial PM₁₀ and SO₂ monitoring site located on a ridge east of S.R 52 to the northwest of the Haverhill Sunoco Sun Coke Plant. This is a downwind site measuring the potential maximum impact of PM₁₀ and SO₂ emissions from this large coke facility. A full array of toxic compounds were in earlier years measured here. The location setting is rural. Land use is wooded.

Monitoring objective and spatial scale: Monitoring Objective: Source oriented. Spatial Scale: Neighborhood

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"/>	150	Hourly	11/20/2004	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060	Hourly	11/20/2004	<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

Site Gallia Pike, No. 2 Plant Site

AQS Site ID: 39-145-0021

Agency: URS Corporation, Texas

Primary QA Org.: URS Corporation, Texas

MSA: monitor not located in a MSA

Address: 2446 Gallia Pike, Haverhill 45629

Latitude: 38.6006

Longitude: -82.82978



Site description: This is an industrial PM₁₀ and meteorological monitoring site located adjacent to the Haverhill Sunoco Sun Coke Plant halfway between the downwind and upwind plant sites. This is a downwind site measuring the potential maximum impact of PM₁₀ and SO₂ emissions from this large coke facility. A full array of toxic compounds were in earlier years measured here. The location setting is rural. Land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective: Source oriented. Spatial Scale: Middle scale.

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"/>	150	Hourly	11/20/2004	<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	060	Hourly	11/20/2004	<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 checked="" type="checkbox"/>	050	Hourly	11/20/2004	<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

Site Gallia Pike, No. 3 Plant Site

AQS Site ID: 39-145-000022

Agency: URS Corporation, Texas

Primary QA Org.: URS Corporation, Texas

MSA: monitor not located in a MSA

Address: 1740 Gallia Pike, Haverhill 45629

Latitude: 38.5880

Longitude: -82.8350



Site description: This is an industrial PM₁₀ and SO₂ monitoring site located just to the south/southwest of the Haverhill Sunoco Sun Coke Plant. This is a predominant upwind site measuring potentially background concentrations. A full array of toxic compounds were in earlier years measured here. The location setting is rural. Land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective: Source oriented and upwind background of PM₁₀ and SO₂ concentrations. Spatial Scale: Neighborhood

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"/>	150	Hourly	11/20/2004	<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	060	Hourly	11/20/2004	<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>).

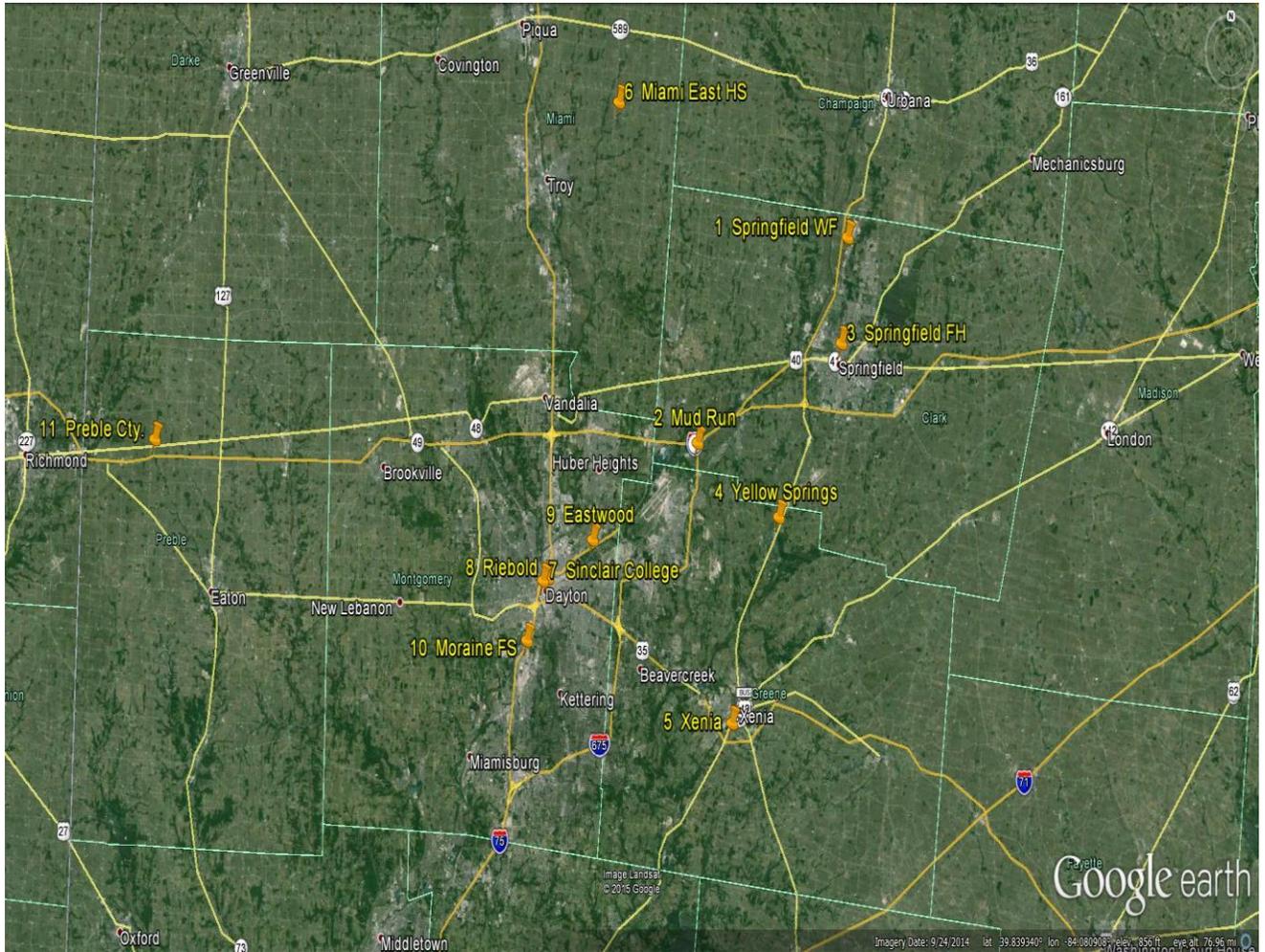
Description of any proposed changes:

Quality Assurance



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

2016 RAPCA-DAYTON AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM _{2.5Cont}	PM _{coarse}	PM ₁₀	O ₃	SO ₂	CO	NO ₂	NO _x /N _{O_y}	PM _{2.5} CSP E	Pb/metals
1. 39-023-0001	Springfield WF					X						
2. 39-023-0003	Mud Run					X	X					
3. 39-023-0005	Springfield FH	X	X									
4. 39-057-0005	YellowSprings	X*	X		X							
5. 39-057-0006	Xenia					X						
6. 39-109-0005	Miami East HS					X						
7. 39-113-0038	Sinclair College	X*	X								X	
8. 39-113-0034	Riebold							X				
9. 39-113-0037	Eastwood					X						
10. 39-113-7001	Moraine FS				X*							X*
11. 39-135-1001*	Preble County	X	X	X	X*	X	X	X	X	X	X*	

* NCore Site
x* collocated monitor

Site **Springfield Well Field**

AQS Site ID: **39-023-0001**

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 5171 Urbana Road, Springfield 45502

Latitude: 40.00103

Longitude: -83.80456



Site description: This is a SLAMS ozone monitoring site located in a monitoring shelter in Clark county downwind of Dayton and just North of Springfield. We monitor ozone to measure the anticipated highest concentration in our jurisdiction. The location setting is rural and the land type is agricultural.

Monitoring objective and spatial scale: The monitoring objective is for maximum ozone concentration and the spatial scale is urban.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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	6/14/1977	<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"/>
Metals	<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(AQI)	<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:

Site **Mud Run**

AQS Site ID: **39-023-0003**

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 5400 Spangler Rd., Enon 45323

Latitude: 39.85567

Longitude: -83.99773



Site description: This is a SLAMS ozone monitoring site located in a monitoring shelter in Clark county downwind of Dayton and just northeast of Fairborn. At this site we monitor ozone to assess population exposure to the pollutant. There is also a SLAMS SO₂ monitor at this site to assess population exposure to the pollutant.

Monitoring objective and spatial scale: The monitoring objective is population exposure and the spatial scale is urban for ozone and neighborhood for SO₂.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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	8/14/1985	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	060	Hourly	8/14/1985	<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"/>
Metals	<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(AQI)	<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:

Site Springfield Firehouse

AQS Site ID: 39-023-0005

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 350 North Fountain Ave., Springfield 45504

Latitude: 39.92882

Longitude: -83.80949



Site description: This is a SLAMS PM_{2.5} site located on the roof of the Springfield center city firehouse in Clark County. At this site we monitor PM_{2.5} to assess population exposure to the pollutant. The setting is urban and center city. The land use is commercial.

Monitoring objective and spatial scale: The monitoring objective is population exposure and the spatial scale is neighborhood for SO₂.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	7/26/2000	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	750	Hourly	11/1/2005	<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 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"/>
Metals	<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(AQI)	<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: Two PM_{2.5} BGI PQ200 monitors operate here that sample every six days on alternate scheduled sample days to collected the primary data record for the site.

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 Yellow Springs Government Center

AQS Site ID: 39-057-0005

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 100 Dayton Street, Yellow Springs 45387

Latitude: 39.80834

Longitude: -83.88705



Site description: This is a SLAMS site monitoring PM_{2.5} and PM₁₀ located on the roof of the Yellow Springs government center in Green County. At this site we monitor PM to assess population exposure to the pollutant. The setting is suburban and the land type is residential.

Monitoring objective and spatial scale: Monitoring objective is for population exposure and the spatial scale is neighborhood scale.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	10/3/2003	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	750	Hourly	11/1/2005	<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	1/4/1997	<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	<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	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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: A collocated FRM PM_{2.5} monitor samples every sixth day. Also, two PM_{2.5} BGI PQ200 monitors operate here that sample every six days on alternate scheduled sample days to collected the primary data record for the site.

Site Xenia Government Center

AQS Site ID: 39-057-0006

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 541 Ledbetter Road, Xenia 45385

Latitude: 39.66575

Longitude: -83.94285



Site description: This is a SLAMS ozone monitoring site located at the offices of the Xenia government center located in Greene county 6-10 miles east southeast of Dayton, Ohio metropolitan area. At this site we monitor ozone to measure the anticipated highest concentration in our jurisdiction. The setting is suburban and the land use is commercial/agricultural.

Monitoring objective and spatial scale: The monitoring objective is maximum ozone concentrations the spatial scale is urban.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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	4/1/1997	<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"/>
Metals	<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(AQI)	<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:

Site Miami East School

AQS Site ID: 39-109-0005

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 3825 North State Route 589 Casstown 45312

Latitude: 40.08455

Longitude: -84.11412



Site description: This is a SLAMS ozone monitoring site located in the bus barn at Miami East Schools in Miami county 15-20 miles northeast of Dayton. At this site we monitor ozone to measure the anticipated highest concentration in our jurisdiction. The setting is rural and the land is agricultural.

Monitoring objective and spatial scale: The monitoring objective is for maximum ozone concentration and the spatial scale is urban.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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	4/13/1993	<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"/>
Metals	<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(AQI)	<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:

Site **Sinclair Community College**

AQS Site ID: **39-113-0038**

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 444 West Third Street, Dayton 45402

Latitude: 39.75597

Longitude: -84.198667



Site description: This is a SLAMS PM_{2.5} site located on the roof of a building on the campus of the Sinclair Community College. It is a relocation of the former Dayton Public Library Site that was terminated Sept. 30, 2014. At this site we monitor PM_{2.5} to measure the anticipated highest concentration in our jurisdiction. PM_{2.5} chemical speciation monitoring is also conducted at this site. The setting is urban and center city. The land use is commercial. This site also has a collocated PM_{2.5} sampler running 1 in 6 days.

Monitoring objective and spatial scale: The monitoring objective is highest concentration and the spatial scale is neighborhood.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	10/1/2014	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	750	Hourly	10/1/2014	<input type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:6	10/1/2014	<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 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"/>
AQI	<input checked="" type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<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 300	1:6	10/1/2014	<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: Collocated FRM PM_{2.5} monitor samples every 6th day.

Site Reibold Building

AQS Site ID: 39-113-0034

Agency: Dayton Regional Air Pollution Control Agency

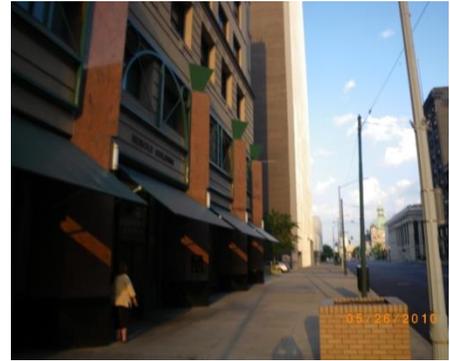
Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 117 South Main Street Dayton 45402

Latitude: 39.757837

Longitude: -84.191668



Site description: This is a SLAMS microscale carbon monoxide in a street corridor in downtown Dayton. The inlet probe extends out over the sidewalk along South Main Street. The monitor is located on the second floor of the Reibold building in downtown Dayton. At this site we monitor CO to measure the anticipated highest concentration in our jurisdiction. The setting is urban and center city and the land use is commercial.

Monitoring objective and spatial scale: The monitoring objective is for highest concentration and the spatial scale is micro scale.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	054	Hourly	11/9/2004	<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	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other(AQI)	<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:

Site Eastwood Metro Park

AQS Site ID: 39-113-0037

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 1401 Harshman Road Dayton Ohio 45431

Latitude: 39.78563

Longitude: -84.13437



Site description: This is a SLAMS ozone site located in an old concession stand at the Eastwood metro park, east of center city Dayton. At this site we monitor ozone to assess population exposure to the pollutant. The setting is suburban and the land use is commercial.

Monitoring objective and spatial scale: The monitoring objective is population exposure and spatial scale is urban.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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	5/1/2008	<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"/>
Metals	<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(AQI)	<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:

Site Moraine Firehouse

AQS Site ID: 39-113-7001

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 2738 Viking Lane, Moraine 45439

Latitude: 39.71451

Longitude: -84.21798



Site description: This is a SLAMS PM₁₀/Lead/Metals site located on the roof of the Moraine firehouse. At this site we monitor these pollutants to measure the anticipated highest concentration in our jurisdiction. The setting is suburban and the land type is industrial.

Monitoring objective and spatial scale: The monitoring objective is highest concentration and the spatial scale is neighborhood.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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"/>	063	1:6	11/2/1984	<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 checked="" type="checkbox"/>	192	NA	1/1/2012	<input checked="" type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	192	NA	1/1/2012	<input checked="" 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: Will be ending Lead/Metals sampling at the end of 2016 pending approval from Region V.

Quality Assurance

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

Comments: Collocated PM₁₀ monitor samples every sixth day for PM₁₀ and metals..

Site National Trail High School

AQS Site ID: 39-135-1001

Agency: Dayton Regional Air Pollution Control Agency

Primary QA Org.: Dayton Regional Air Pollution Control Agency

MSA: Dayton-Springfield

Address: 6940 Oxford Gettysburg Rd. New Paris, Ohio 45347

Latitude: 39.8356

Longitude: -84.72049



Site description: This is a NCore monitoring station in Preble County Ohio near the Indiana border and is one of three NCORE sites in Ohio and represents the regional background site of this type in Ohio. As such this is a monitoring site that collects data for many pollutants. At this site we monitor to assess upwind background concentrations coming into Ohio from the west. The setting is rural and the land use is agricultural. A full scale meteorological station operates here also.

Monitoring objective and spatial scale: The monitoring objective is background and the spatial scale is regional scale.

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	01/21/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	750	Hourly	10/01/2003	<input type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS/URG	1:3	1/1/2011	<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	1/1/1976	<input type="checkbox"/>
PM ₁₀ Local	<input checked="" type="checkbox"/>	127	1:3	1/1/2011	<input type="checkbox"/>
SO ₂ trace	<input checked="" type="checkbox"/>	560	Hourly	1/1/2011	<input type="checkbox"/>
NO/NO _y	<input checked="" type="checkbox"/>	574/674	Hourly	1/1/2011	<input type="checkbox"/>
CO trace	<input checked="" type="checkbox"/>	554	Hourly	1/1/2011	<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PMcoarse	<input checked="" type="checkbox"/>	176	1:3	1/1/2011	<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxic	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>		hourly	1/1/2011	<input type="checkbox"/>
Other(AQI)	<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

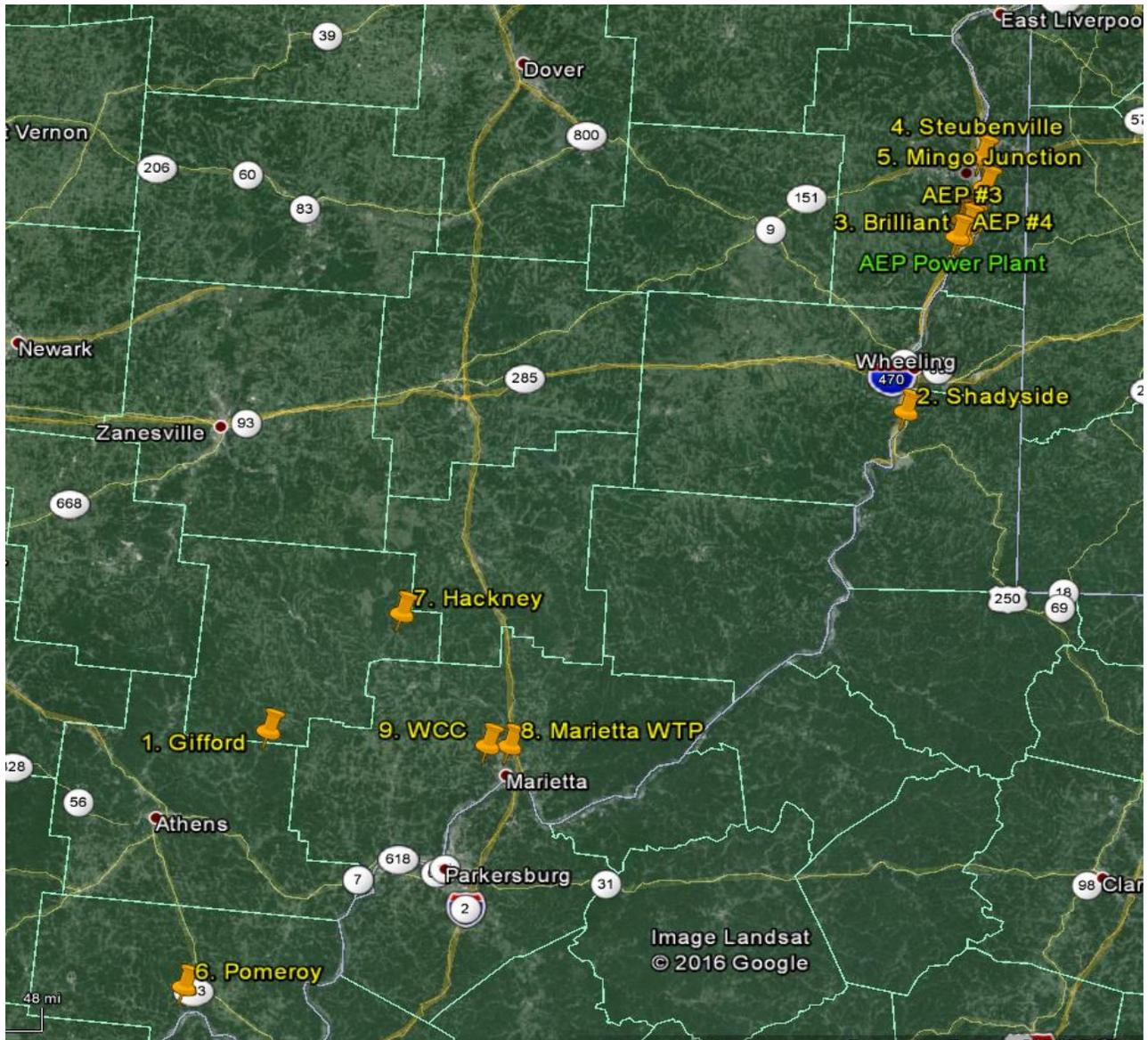
Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments: A collocated PM₁₀ Local and PM_{2.5} chemical speciation monitors are located here.



Southeast District Office Jurisdiction Map

2016 SEDO AIR MONITORING SITES MAP



Map/AQS #	NAME	PM _{2.5}	PM _{25Cont}	PM ₁₀	O ₃	SO ₂	CO	NO ₂	PM _{2.5} CSPC	Pb/metals	Met.
1. 39-009-0003	Gifford	x*									
2. 39-013-0006	Shadyside	x		x*		x	x	x			
3. 39-081-0001	Brilliant			x							
4. 39-081-0017	Steubenville	x*	x	x*	x	x			x	x	
5. 39-081-0021	Mingo Junction	x									
6. 39-105-0003	Pomeroy					x					
7. 39-115-0004	Hackney					x					
8. 39-167-0004	Marietta				x						
9. 39-167-0008	Wash Co. Career Center									x*	
10. 39-081-0018	AEP #1 Self Storage					x					
11. 39-081-0019	AEP #2 Dam Landfill										x
12. 39-081-0020	AEP #3 Brilliant					x					
13. 54-009-6000	AEP #4 Trailer Sales					x					x

x* collocated monitor

Site Gifford

AQS Site ID: 39-009-0003

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: monitor not located in a MSA

Address: Gifford State Forest, S.R. 377, Athens County 43728

Latitude: 39.442165

Longitude: -81.908827



Site description: This is a SLAMS PM_{2.5} site located in Gifford State Forest in the northeast corner of Athens county. This is a ambient background site for PM_{2.5} in southeastern Ohio . Land use is rural/forest. The nearest road is State Route 377.

Monitoring objective and spatial scale: Monitoring Objective:population exposure; Spatial Scale:Regional. Monitoring objective are to determine what are typical PM_{2.5} background concentrations and compliance with the NAAQS.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:6	1/3/1999	<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 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: A collocated PM_{2.5} monitor began sampling February 2014.

Site Shadyside

AQS Site ID: 39-013-0006

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: Steubenville-Weirton

Address: 2 Ball Park Rd., Shadyside 43947

Latitude: 39.9678

Longitude: -80.7464



Site description: This is a PSD monitoring site located along the Ohio River with the purpose to established pre-construction air quality for a cracking facility to built nearby. Land use is considered industrial blighted/rural. The nearest road is State Route 7.

Monitoring objective and spatial scale: Monitoring Objective:Background Concentrations; Spatial Scale:neighborhood. To determine pre-construction air quality.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	7/1/2015	<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 Local	<input checked="" type="checkbox"/>	125	1:6	7/1/2015	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	7/1/2015	<input type="checkbox"/>
NO ₂	<input checked="" type="checkbox"/>	099	Hourly	7/1/2015	<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	093	Hourly	7/1/2015	<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 checked="" type="checkbox"/>	063	Hourly	7/1/2015	<input type="checkbox"/>
Other(AQI)	<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: A collocated PM₁₀ monitor is located here for QA purposes.

Site Brilliant

AQS Site ID: 39-081-0001

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: Steubenville-Weirton

Address: 1004 Third St., Brilliant 43913

Latitude: 40.26157

Longitude: -80.6335



Site description: This is a SLAMS PM₁₀ site located on the roof of the Buckeye North Middle School. This site monitors the Cardinal Power Plant emissions located several miles south of the school. The location setting and land use are suburban/residential. Ohio S.R. 7 with approximately 12,000 ADT is located approximately 30 meters east of the sampler.

Monitoring objective and spatial scale: Monitoring Objective: population exposure . Spatial scale: neighborhood.

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"/>	063	1:6	1/2/1978	<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 Steubenville

AQS Site ID: 39-081-0017

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: Steubenville-Weirton

Address: 618 Logan Street, Steubenville 43952

Latitude: 40.36644

Longitude: -80.61581



Site description: This is a SLAMS site located in downtown Steubenville in the parking lot of the city's newspaper company. Besides monitoring many criteria pollutants, air toxics are sampled every 6 days as well as PM_{2.5} speciation. The monitoring instruments are located in and atop a large monitoring trailer. Location setting is urban and center city 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 National Ambient Air Quality Standards (NAAQS).

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	1/3/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	170	Hourly	4/12/2004	<input type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:6	12/1/2013	<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	4/1/2004	<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	063	1:6	11/1/2003	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	11/1/2003	<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"/>
AQI	<input checked="" type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input checked="" type="checkbox"/>	Canister	1:6	7/26/2004	<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>	URG			<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: A second PM₁₀ and PM_{2.5} monitors are collocated here for quality assurance purposes.

Site Mingo Junction

AQS Site ID: 39-081-0021

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: Steubenville-Weirton

Address: 501 Commercial Ave., Mingo Junction 43936

Latitude: 40.31951

Longitude: -80.60795



Site description: This is a SLAMS PM_{2.5} located on the grounds of Indian Creek Jr. High School in Mingo Junction. This site replaced the former Mingo Junction Fire Station site (39-081-1001) that was located 0.2 miles to the northwest. That site monitored a Wheeling-Pittsburgh Steel Mill across the street that has since closed. The location setting and land use is blighted, center city.

Monitoring objective and spatial scale: Monitoring Objective: population exposure; Spatial Scale: neighborhood. Monitoring objective are to determine compliance with the NAAQS.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	1/3/1999	<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 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/code_descs.htm).

Description of any proposed changes: Two PM_{2.5} BGI PQ200 monitors operate here that sample every six days on alternate scheduled sample days to collected the primary data record for the site.

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 sampling start dates are from the former Mingo Junction site location. The former location was 300 meters to the NE.

Site Pomeroy

AQS Site ID: 39-105-0003

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: monitor not located in a MSA

Address: 117 Memorial Drive, Pomeroy 45769

Latitude: 39.03849

Longitude: -82.0459



Site description: This SLAMS SO₂ site was relocated from the Meigs County Veterans Hospital. The new location is next door on the roof of the Meigs County Administration building. This site monitors emissions from a major power plant to the south along the Ohio river. The location setting and land use are suburban and residential.

Monitoring objective and spatial scale: Monitoring Objective: population exposure; Spatial Scale: neighborhood. Monitoring objective are to determine compliance with the SO₂ 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 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	4/26/1976	<input checked="" 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(AQI)	<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/codecodes.htm>).

Description of any proposed changes: This site is being discontinued in July, 2016. Meigs County has plans to tear down this administration building.

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 Hackney

AQS Site ID: 39-115-0004

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: monitor not located in a MSA

Address: 2535 State Route 83, Beverly, Ohio 45715

Latitude: 39.6323

Longitude: -81.67005



Site description: This is a SLAMS SO₂ site located in a monitoring trailer. This site monitored the Muskingum Power Plant located several miles to the south. The power plant ceased operations in 2015. The location setting and land use are rural and agriculture.

Monitoring objective and spatial scale: Monitoring Objective: population exposure; Spatial Scale: neighborhood Monitoring objective are to determine compliance with the SO₂ 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 type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>	100	Hourly	1/12/2006	<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(AQI)	<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:

Site Marietta

AQS Site ID: 39-167-0004

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: Parkersburg-Marietta-Vienna

Address: 2000 4th Street., Marietta 45750

Latitude: 39.432117

Longitude: -81.460443



Site description: This is a SLAMS ozone site located on a roof of the Marietta Water Treatment plant. The location setting is urban and center city. Land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective:population exposure; Spatial Scale: Urban. Monitoring objective are 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	6/5/1990	<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(AQI)	<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:

Site Washington Career Center

AQS Site ID: 39-167-0008

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: Parkersburg-Marietta-Vienna

Address: S.R. 676 Warren Township, Washington Cty. 45750

Latitude: 39.43147

Longitude: -81.5013



Site description: This is a SLAMS metals and lead located on a roof of the Washington Career Center 3 miles northwest of Marietta. The location setting is suburban. Land use is residential.

Monitoring objective and spatial scale: Monitoring Objective:population exposure; Spatial Scale: Urban. Monitoring objectives are to determine compliance with the lead NAAQS and to quantify metals concentrations.

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 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"/>	192	1:6	6/1/1999	<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"/>

* 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: This site was collocated with a Pb/metals monitor in July 2014.

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 AEP, Site No. 1

AQS Site ID: 39-081-0018

Agency: Shell Engineering & Associates, MO

Primary QA Org.: Shell Engineering & Associates, MO

MSA: Weirton-Steubenville MSA

Address: 3487 County Road 19, Brilliant 43913

Latitude: 40.272

Longitude: -80.6296



Site description: This is a state permit required air monitoring station located approximately 2.5 miles NE of AEP's Cardinal Power Plant on Ohio River just south of the town of Brilliant. The site is classified as industrial and operated and maintained by Shell Engineering & Associates. The location setting is rural. Land use is residential.

Monitoring objective and spatial scale: Monitoring Objective:source oriented; Spatial Scale: neighborhood. Monitoring objectives are to determine compliance with the SO₂ 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 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	1/1/2011	<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 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"/>

* 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 AEP, Dam Site No. 2

AQS Site ID: 39-081-0019

Agency: Shell Engineering & Associates, MO

Primary QA Org.: Shell Engineering & Associates, MO

MSA: Weirton-Steubenville MSA

Address: Landfill Access Rd. Brilliant 43913

Latitude: 40.2679

Longitude: -80.6500



Site description: This is a 30 foot meteorological tower situated on an access leading to a landfill that is 0.75 miles NW of the town of Brilliant. The site is located approximately 1.8 miles north of AEP's Cardinal Power Plant on Ohio River. The site is operated and maintained by Shell Engineering & Associates. A number of weather variables are measured here and this site is one of three sites that collects meteorological data in the AEP's Cardinal Power Plant SO₂ network. The location setting is rural. Land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective: source oriented; Spatial Scale: neighborhood.

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 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 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 checked="" type="checkbox"/>	050	Hourly	1/1/2011	<input type="checkbox"/>
Other					<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 AEP, Self Storage Site No. 3

AQS Site ID: 39-081-0020

Agency: Shell Engineering & Associates, MO

Primary QA Org.: Shell Engineering & Associates, MO

MSA: Weirton-Steubenville MSA

Address: 1469 Third St., Brilliant 43913

Latitude: 40.2595

Longitude: -80.6400



Site description: This is a state permit required SO₂ air monitoring station located in Brilliant, Ohio. The site is located approximately 1.5 miles NE of AEP's Cardinal Power Plant on Ohio River. The site is classified as industrial and operated and maintained by Shell Engineering & Associates. A meteorological station is located here and collects data for a number of weather parameters. The location setting is center city. Land use is residential.

Monitoring objective and spatial scale: Monitoring Objective:source oriented; Spatial Scale: neighborhood. Monitoring objectives are to determine compliance with the SO₂ 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 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	1/1/2011	<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 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"/>

* 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 AEP, Trailer Sales, Site No. 3

AQS Site ID: 54-009-6000

Agency: Shell Engineering & Associates, MO

Primary QA Org.: Shell Engineering & Associates, MO

MSA: Weirton-Steubenville MSA

Address: State Route 2, Box 27A, Beech Bottom, WV a 26030

Latitude: 40.2595

Longitude: -80.6400



Site description: This is a state permit required SO₂ air monitoring station located in West Virginia directly across the Ohio river from AEP's Cardinal Power Plant. The site is classified as industrial and operated and maintained by Shell Engineering & Associates. A meteorological station is located here and collects data for a number of weather parameters. The location setting is suburban. Land use is residential.

Monitoring objective and spatial scale: Monitoring Objective: Source oriented; Spatial Scale: neighborhood. Monitoring objectives are to determine compliance with the SO₂ 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 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	1/1/2011	<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 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 checked="" type="checkbox"/>	050	Hourly	1/1/2011	<input type="checkbox"/>
Other					<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



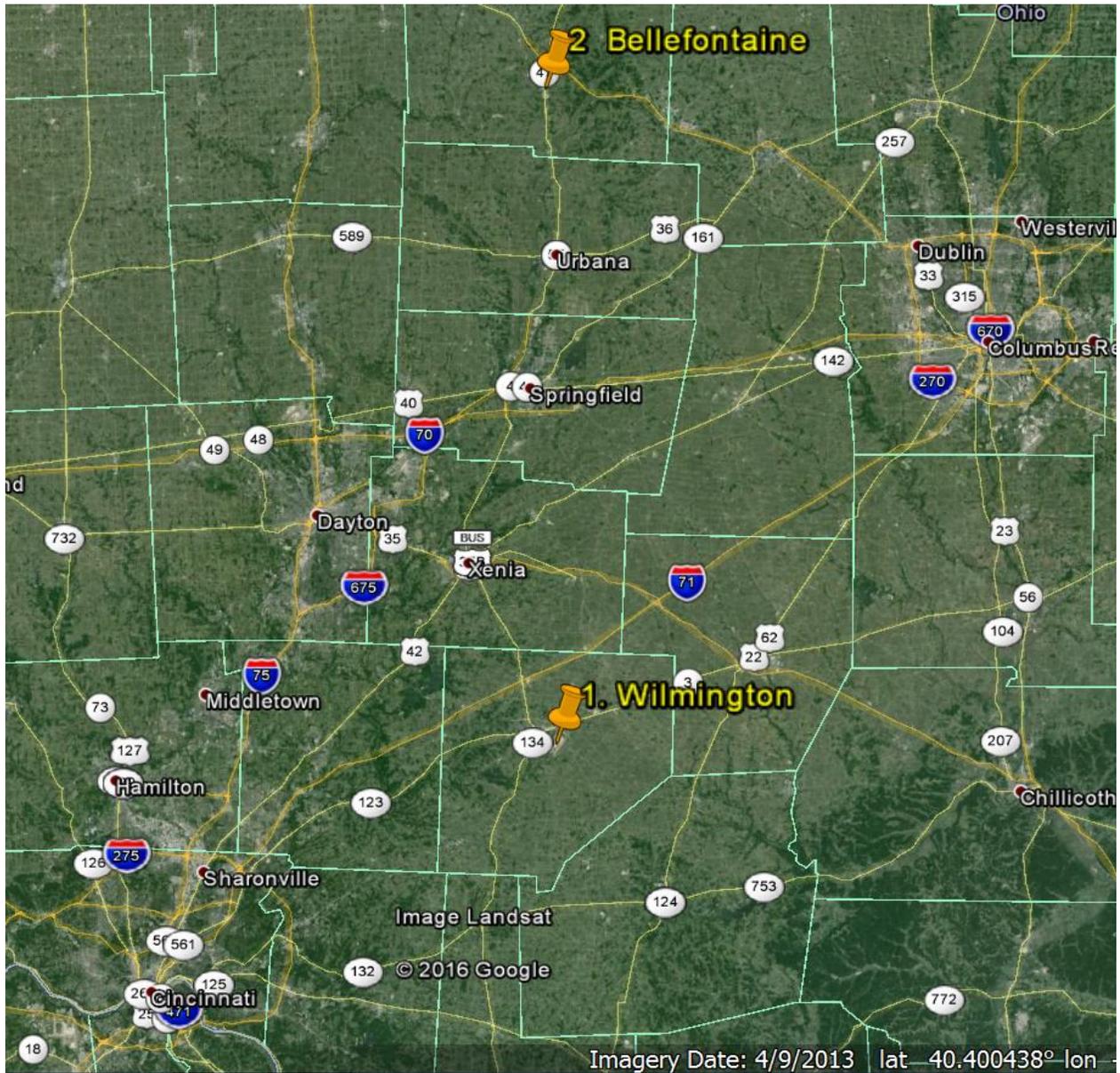
Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments:

SOUTHWEST DISTRICT OFFICE
JURISDICTION MAP



2016 SWDO AIR MONITORING SITES



Map/AQS #	NAME	PM _{2.5}	PM ₁₀	Ozone	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPEC	Pb/Metals
1. 39-027-1002	Laurel Oaks			x						
2. 39-091-0006	Bellefontaine									x

Site **Wilmington**

AQS Site ID: **39-027-1002**

Agency: Ohio EPA, Southwest District Office

Primary QA Org.: Ohio EPA, Southwest District Office

MSA: monitor not located in a MSA

Address: 62 Laurel Drive, Wilmington 45177

Latitude: 39.430000

Longitude: -83.78875



Site description: This is a SLAMS ozone monitoring site located at the Laurel Oaks Joint Vocation School on the property of Wilmington airport. It monitors the transport of ozone emissions emanating from the Cincinnati MSA. The location setting is suburban. Land use is commercial. Location setting is rural.

Monitoring objective and spatial scale: Monitoring Objective:Maximum downwind ozone concentrations. Spatial Scale: Urban.

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	4/1/1993	<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(AQI)	<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:

Site Bellefontaine

AQS Site ID: 39-091-0006

Agency: Ohio EPA, Southwest District Office

Primary QA Org.: Ohio EPA, Southwest District Office

MSA: monitor not located in a MSA

Address: 320 Richard Ave., Bellefontaine 43311

Latitude: 40.341467

Longitude: -83.7585



Site description: This is a SLAMS Lead and Metals monitoring site in a residents yard on a high scaffold to monitor fugitive emissions. This site was part of a permit that required a three air monitoring site network to sample metals emissions from the former Glacier Diado America company located in this neighborhood. The plant cease operating during 2009. The site continues to operate even with the plant closure to monitor fugitive emissions. The location setting is residential. Land use is industrial.

Monitoring objective and spatial scale: Monitoring Objective: population exposure; Spatial Scale: Middle scale. Monitoring objective is to quantify lead and heavy metals concentrations in the vicinity of a former industrial source in Bellefontaine.

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 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"/>	192	1:6	7/1/1985	<input type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	091	1:6	7/1/1985	<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: The TSP monitor has a colocated sampler for QA purposes.

Quality Assurance



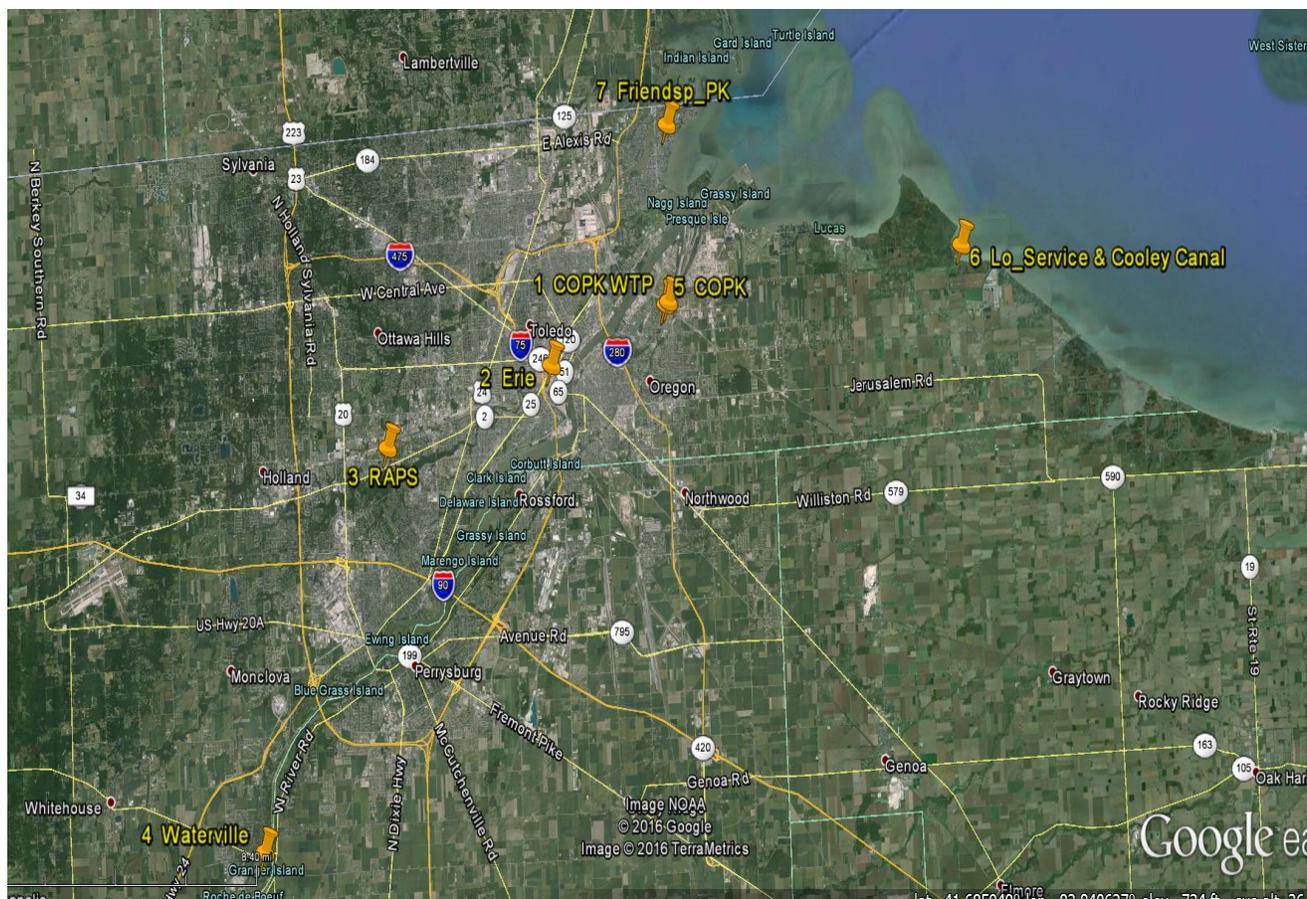
Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

Comments: The TSP monitor has a colocated sampler for QA purposes.

TOLEDO LOCAL AIR AGENCY
JURISDICTION MAP



2016 TOLEDO AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM ₁₀	O ₃	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPE	MET.
1. 39-095-0008	Collins Park WTP				X					
2. 39-095-0024	ERIE	x*		x						x ¹
3. 39-095-0026	RAPS	x							x	
4. 39-095-0027	Waterville			x						
5. 39-095-0028	COPK	x								
6. 39-095-0034	Lo_Service ²			x						
6. 39-095-0035	Cooley Canal ²			x						
7. 39-095-0081	Friendsp_PK									x ¹

*x collocated monitor

¹wind speed/wind direction instruments

²Cooley Canal ozone located near Lo Service site begins sampling in 2016; It will become the permanent ozone site in the area. Once the Lo Service site terminates at end of 2016 ozone monitoring season.

Site Name: Collins Park

AQS Site ID: 39-095-0008

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 3040 York Street, Toledo, Ohio 43605

Latitude: 41.6635

Longitude: -83.4758



Site description: This is a SO₂ site located at Collins Park Water Treatment Plant in East Toledo. The location setting is Urban and Center City and the land use is Industrial.

Monitoring objective and spatial scale:

Monitoring objective: Highest Concentration

Spatial scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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"/>	100	Hourly	1/1/2013	<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<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	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiics)					
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

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

Site Name: Quilter Environmental Center
AQS Site ID: 39-095-0024
Agency: City of Toledo, Environmental Services Division
Primary QA Org.: City of Toledo, Environmental Services Division
MSA: Toledo
Address: 348 S. Erie Street Toledo, Ohio 43604
Latitude: 41.644067
Longitude: -83.54625



Site description: This is a SLAMS site that collects data for PM_{2.5} and Ozone site. Equipment is located on the roof of the offices of the City of Toledo Division of Environmental Services. The site is considered to be a highest concentration for particulates and a population site for ozone in the Toledo MSA. The location setting is Center City and land use is Industrial. Wind speed and wind direction data is also collected at this site.

Monitoring objective and spatial scale:

Monitoring objective: Highest Concentration for Particulates, Population for Ozone. **Spatial scale:** Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	2/11/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	701	Hourly	10/17/2002	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	047	Hourly	4/1/1998	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(orgamics)					
Meteorology	<input checked="" type="checkbox"/>	050	Hourly	8/17/1998	<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

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

Site Name: Reynolds Area Pumping Station
AQS Site ID: 39-095-0026
Agency: City of Toledo, Environmental Services Division
Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo
Address: 4150 Airport Highway Toledo, Ohio 43609
Latitude: +41.62063
Longitude: -83.64225



Site description: This is a SLAMS PM 2.5 site located at the site of Reynolds Area Pumping Station and diesel generator. The site is considered to be a highest concentration site in the transport of Particulates in the Toledo MSA. The location setting is Suburban and the land use is Commercial.

Monitoring objective and spatial scale:
Monitoring objective: Highest concentration
Spatial scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	5/29/1999	<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 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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiics)					
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Carbon Monitor	<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

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

Site Name: Waterville Maintenance Garage
AQS Site ID: 39-095-0027
Agency: City of Toledo, Environmental Services Division
Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo
Address: 200 S. River Rd. Waterville, Ohio 43566
Latitude: 41.494167
Longitude: -83.718944



Site description: This is a SLAMS Ozone site located on the roof of Waterville Maintenance Garage. The site is considered to be an upwind background site in the transport of ozone pollution into the Toledo MSA. The location setting is Residential and the land use is Suburban.

Monitoring objective and spatial scale:

Monitoring objective: Population

Spatial scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM2.5 FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM2.5 Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM2.5 Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O3	<input checked="" type="checkbox"/>	047	Hourly	3/1/1999	<input type="checkbox"/>
PM10	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO2	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO2	<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	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organics)					
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

Site Name: Collins Park
AQS Site ID: 39-095-0028
Agency: City of Toledo, Environmental Services Division
Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo
Address: 3040 York Street, Toledo, Ohio 43605
Latitude: 41.66257
Longitude: -83.47833



Site description: This is a SLAMS PM 2.5 monitoring site. The location setting is Urban and Center City and the land use is Industrial.

Monitoring objective and spatial scale:
Monitoring objective: Highest Concentration
Spatial scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	145	1:3	10/28/2008	<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 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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiics)					
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

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

Site Name: Lo Service

AQS Site ID: 39-095-0034

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 1002 N. Yondota Road Curtice, Ohio 43412

Latitude: 41.3948

Longitude: -83.2832



Site description: This is a SLAMS Ozone site located at Lo Service In take Plant. The site is considered to be a downwind site for Ozone that moves through the city and goes toward Lake Erie. The location setting is Rural and the land use is Agricultural.

Monitoring objective and spatial scale:

Monitoring objective: Maximum ozone concentration

Spatial scale: Urban

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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	4/1/1991	<input checked="" 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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiacs)	<input type="checkbox"/>				<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: This site will operate for one year in conjunction with the site at a marina located 1 mile to the southeast. This site will then be discontinued at the end of the 2016 ozone monitoring season.

Quality Assurance

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

Comments:

Site Name: Cooley Canal

AQS Site ID: 39-095-0035

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 10739 Corduroy Rd. Curtice, Ohio 43412

Latitude: 41.6688

Longitude: -83.2869



Site description: This is a new SLAMS Ozone site located at Cooley Canal Marina. This site will be considered a special use site until enough data is collected to perform a comparison between this location and the current Low Service site. The site is considered to be a downwind site for ozone pollution that moves through the city and eastward towards Lake Erie. The location setting is Rural and the land use is Agricultural.

Monitoring objective and spatial scale:

Monitoring objective: Maximum ozone concentration

Spatial scale: Urban

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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	08/10/2016	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(organiacs)					
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

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

Site Name: Friendship Park

AQS Site ID: 39-095-0081

Agency: City of Toledo, Environmental Services Division

Primary QA Org.: City of Toledo, Environmental Services Division

MSA: Toledo

Address: 2930 131st Street Toledo, Ohio 43611

Latitude: 41.71948

Longitude: -83.47515



Site description: This is a meteorological site measuring wind speed and direction located on the roof of Friendship Park Senior Center. The location setting is Suburban and the land use is Residential. This site is downwind from the central city.

Monitoring objective and spatial scale:

Monitoring objective: Other/Unknown

Spatial scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Method Code	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 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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Toxics(orgamics)					
Meteorology	<input checked="" type="checkbox"/>	050	hourly	7/1/1990	<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

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

Comments: