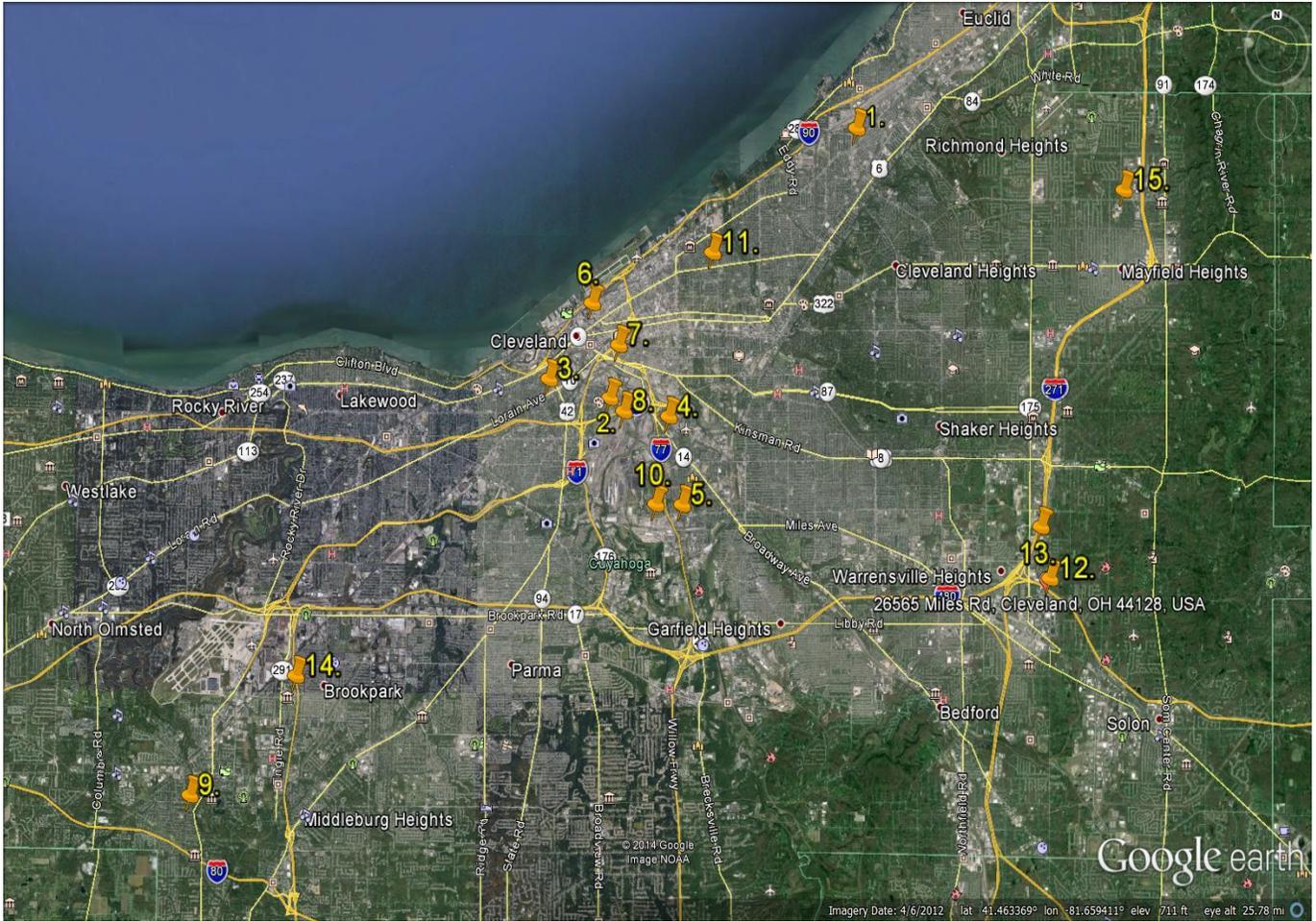


2016 CLEVELAND AIR MONITORING SITES



Map/AQS #	Site Name	PM _{2.5}	PM _{2.5} CONT.	PM ₁₀	O ₃	SO ₂	CO	NO ₂	NO _x r./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 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/airsaq/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 Toxics(organiics)	<input checked="" type="checkbox"/>	TO14A	1:12	7/16/2006	<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: 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 Toxics(organiics)	<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 TSP/Pb monitor.

Site Name: Fire Station 13AQS 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 Toxic(s)(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: 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 Toxics(organiics)	<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 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 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: 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

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"/>				<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} speciation monitor is collocated.

Site Name: Master Metals Asphalt AAQS 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: 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	1/12/1993	<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 Toxic(s)(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: Highest concentration. 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 Toxics(organiics)	<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: 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, urban and center city location. 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 Toxics(organiics)	<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(organiics)	<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 Toxics(organiics)	<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: 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 SchoolAQS 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 Toxics(organiics)	<input checked="" type="checkbox"/>	canister	1:12	1/1/2011	<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 SchoolAQS 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: Population exposure. 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 Toxics(organiics)	<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/airsaq/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: Population exposure and sampling of maximum concentrations. Scale: Mircroscale

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 Toxics(orgamics)	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
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: