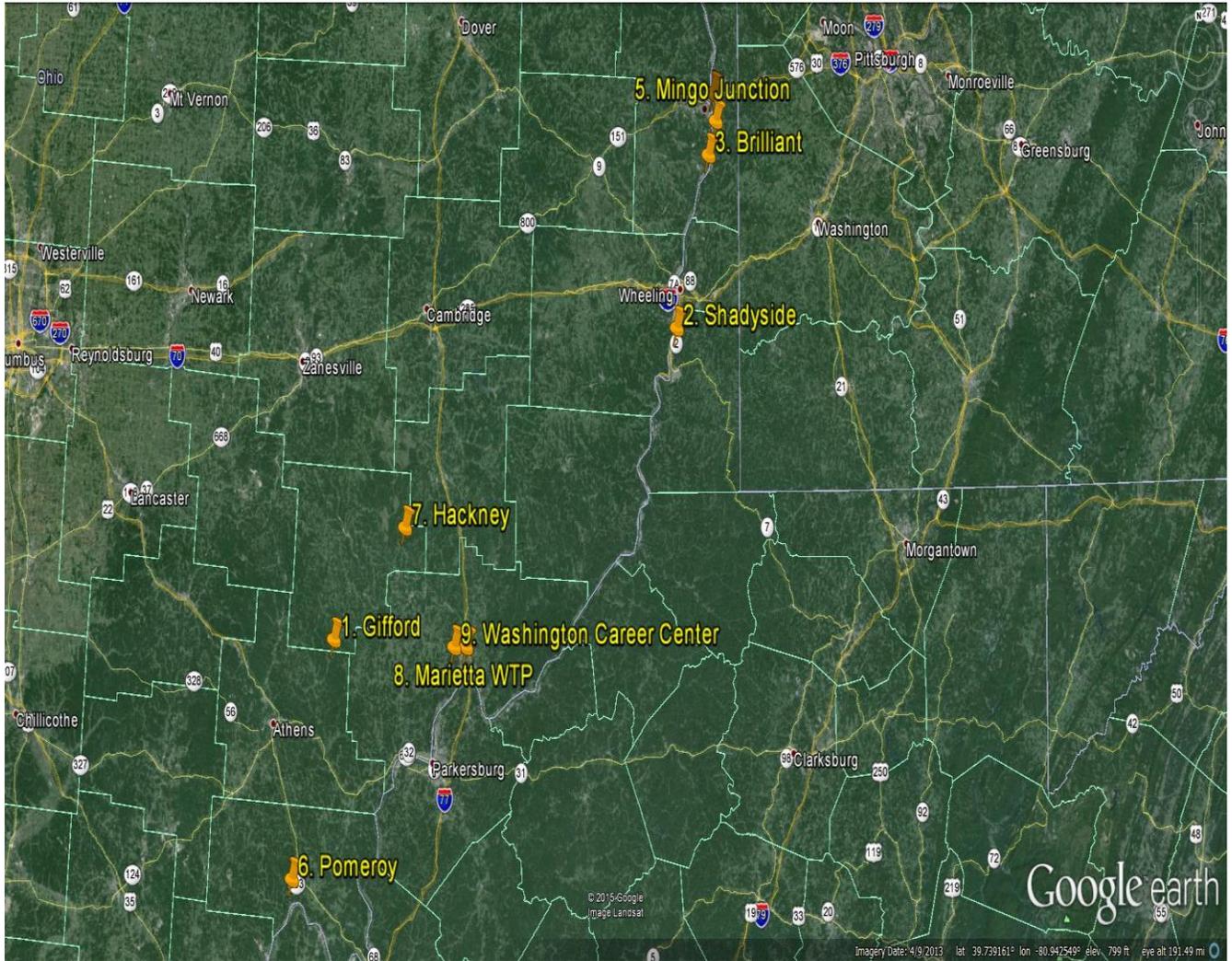




Southeast District Office Jurisdiction Map

2015 SEDO AIR MONITORING SITES MAP



Map/AQS #	NAME	PM _{2.5}	PM ₁₀	O ₃	SO ₂	CO	NO ₂	TOXICS	PM _{2.5} CSPC	Pb/metals
1. 39-009-0003	Gifford	x*								
2. 39-013-3002	Shadyside				x					
3. 39-081-0001	Brilliant		x							
4. 39-081-0017	Steubenville	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*

x* collocated monitor

Site Name: GiffordAQS 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} FRM 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 Name: Shadyside

AQS Site ID: 39-013-3002

Agency: Ohio EPA, Southeast District Office

Primary QA Org.: Ohio EPA, Southeast District Office

MSA: Steubenville-Weirton

Address: Shadyside WTP, East 40th St., Shadyside 43947

Latitude: 39.96862

Longitude: -80.74492



Site description: This is a SLAMS SO₂ site located along the Ohio River to monitor power plant emissions that are within and across the river valley corridor. The probe is located on the roof of the Shadyside Sewage Treatment plant. Land use is considered industrial/rural. The nearest road is State Route 7.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: neighborhood. To determine compliance 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	1/3/1987	<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

Description of any proposed changes:

Quality Assurance

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

Comments:

Site Name: BrilliantAQS 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 Name: SteubenvilleAQS 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 Steubenville 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"/>
NCORE	<input 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 Name: Mingo JunctionAQS 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} FRM 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	1:6	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: 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 Name: PomeroyAQS 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 Cty. 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	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

Description of any proposed changes:

Quality Assurance

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

Comments:

Site Name: HackneyAQS 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 monitors the Muskingum Power Plant located several miles to the south. 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	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

Description of any proposed changes:

Quality Assurance

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

Comments:

Site Name: MariettaAQS 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 at 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	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

Description of any proposed changes:

Quality Assurance

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

Comments:

Site Name: Washington Career CenterAQS 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: