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Appendix A: Complete Network Plan Descriptions

The following table presents Ohio's 2025-2026 Air Monitoring Network, as required under 40 CFR 58.10 (b). Each monitoring site within the Local Air Agencies and District Offices in Ohio are listed.[1] For each site, the following information is presented:

- Monitoring Agency, AQS Site ID
- Site Address
- Site coordinates, latitude and longitude in decimal degrees
- Monitored pollutants/parameters, with AQS codes, and collocation indicated
- Sampling method/analysis
- Sampling schedule, i.e. how frequent data is monitored
- Monitoring objective
- Spatial measurement scale
- Site/monitor comments include AQS method code, special POC designations, etc.
- Any proposed or completed change(s) to site or monitor are noted as appropriate (in red)

Monitoring Objectives and Spatial Scale

Federal regulations indicate that a minimum of five monitoring objectives should be met in establishing an ambient air monitoring network. The network is to have stations that monitor: 1) areas of expected high concentrations, 2) areas of high population density, 3) areas with significant sources, 4) general background concentration sites and 5) areas of regional transport of a pollutant.

The physical siting of the air monitoring station must achieve a spatial scale of representativeness that is consistent with the monitoring objective. The spatial scale results from the physical location of the site with respect to the pollutant sources and categories. It estimates the size of the area surrounding the monitoring site that experiences uniform pollutant concentrations.

The categories of spatial scale are:

Micro: An area of uniform pollutant concentrations ranging from several meters up to 100 m.
Middle: Uniform pollutant concentrations in an area of about 100 meters to 0.5 kilometer.
Neighborhood: An area with dimensions in the 0.5 to 4.0 kilometer range with relatively uniform land use.
Urban: Citywide pollutant conditions with dimensions ranging from 4 to 50 kilometers. Within a city, the geographic placement of sources may result in there being no single site that can be said to represent air quality on an urban scale.
Regional: An entire rural area of the same general geography without large pollution sources and extends from tens to hundreds of kilometers.

Monitoring objectives and associated spatial scales from Appendix D of 40 CFR Part 58 are summarized in the following table.

Monitoring Objective	Appropriate Spatial Scale
Highest Concentration or source impact	Micro, Middle, Neighborhood, or (less frequently) Urban
Population oriented	Neighborhood or Urban
Source impact	Micro, Middle, Neighborhood
General/background, regional transport, welfare related impacts.	Urban, Regional (sometimes Neighborhood)

[1] The MSA, CBSA, CSA or other area represented by the monitor is contained in Appendix B of the Air Monitoring Network Plan.

Monitoring Types

Most monitors described in Ohio's monitoring network are designated as State and Local Air Monitoring Sites (SLAMS). In addition, some of these sites fulfill other requirements which must be identified by the monitoring type designation. In this description of the network, designations are also made for Special Purpose, Industrial and EPA. All of Ohio's monitors listed in the following table are SLAMS except where otherwise indicated.

The criteria used to designate the monitor types are as follows:

SLAMS:

State or Local air monitoring stations for parameters (pollutants and/or meteorological data) addressed by 40 CFR Part 58. The SLAMS make up the ambient air quality monitoring sites that are primarily needed for NAAQS comparisons but may serve other data purposes.

Special Purpose:

Not all monitors and monitoring sites in the air quality surveillance network are included in the SLAMS network. In order to allow the capability of providing monitoring for complaint studies, modeling verification, and compliance status, certain monitors are reserved for short-term studies and designated as Special Purpose Monitors (SPM). These monitors are not necessarily committed to any one location or for any specified time period. They may be located at separate monitoring sites or be included at SLAMS locations. Monitoring data may be reported to U.S. EPA, provided that the monitors and sites conform to all requirements of the SLAMs network.

Industrial

A monitor that is operated by a private industry entity rather than under the control of a State, Local or Tribal government. Or a site that is categorized as an industrial site that is under the control of a State, Local or Tribal government. Monitoring data may be reported to U.S. EPA, provided that the monitors and sites conform to all requirements of the SLAMS network.

EPA

A monitor that is operated by U.S. EPA or a U.S. EPA contractor for parameters addressed by 40 CFR Part 58.

AQS Parameter Codes

Air Quality System (AQS) is the U.S. EPA database that contains ambient air pollution data collected by U.S. EPA, state, local, and tribal air pollution control agencies from over thousands of monitors. Ohio EPA reports ambient air pollution data to AQS on a routine basis. This database utilizes different five-digit parameter codes to identify the pollutant being monitored. The table below incorporates the corresponding AQS parameter code for each parameter, whenever possible. Certain parameters ($PM_{2.5}$ speciation, VOCs and Metals) are reported to AQS under numerous parameter codes and therefore could not be listed in the table.

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Table 1. 2025-2026 Ohio Air Monitoring Network[2]

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
Akron	**Medina Co.**								
39-103-0004	Chippewa Ballash Rd., Medina	41.060496	-81.92393	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(636) Teledyne API T640. FEM
				O_3 (44201)	Non-Dispersive U.V. Absorption	Continuous	Upwind Backgrd.	Urban	(047) Thermo 49iQ
	Portage. Co.								
39-133-1001	Lake Rockwell 1570 Ravenna Rd., Kent	41.182253	-81.330486	O_3 (44201)	Non-Dispersive U.V. Absorption	Continuous	Max. Ozone Conc.	Urban	(087) Teledyne API T400
	Summit Co.								
39-153-0017	East HS 80 Brittain Rd., Akron	41.06348	-81.46880	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (Collocated) (88101)	Gravimetric	1 in 3 days	Highest Conc.	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(638) Teledyne API T640x. FEM.
				$PM_{2.5}$ Chemical Speciation Monitoring began 1/1/25.	Energy Dispersive XRE	1 in 6 days	Population	Neighborhood	(811) Met One SASS
				$PM_{2.5}$ Carbon Speciation Monitoring began 1/1/25.	Thermal Optic Reflective	1 in 6 days	Population	Neighborhood	(838) URG 3000N

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				SO_2 (42401/42406)	Pulsed Fluorescent	Continuous	Highest Conc.	Neighborhood	Changed from (100) Teledyne T100 to (060) Thermo 43iQ on 10/23/24.
				Black Carbon (88313)	Aethalometer	Continuous	Highest Conc.	Neighborhood	(894) Magee AE-33
39-153-0026	North HS 985 Gorge Blvd., Akron	41.103028	-81.496253	O_3 (44201)	U.V. Absorption	Continuous	Population	Urban	Changed from (047) Thermo 49iQ to (087) Teledyne API T400 on 6/18/24.
				$PM_{2.5}$ Monitor will likely be added to this location to meet requirement for Akron, MSA.					
Canton	**Stark Co.**								
39-151-0016	Malone Univ 515 25th St., Canton	40.828119	-81.378497	O_3 (44201)	U.V. Photometric	Continuous	Population	Neighborhood	(047) Thermo 49iQ
39-151-0017	Canton Fire St8 1330 Dueber Ave. SW, Canton	40.786803	-81.394153	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (Collocated) (88101)	Gravimetric	1 in 3 days	Highest Conc.	Neighborhood	(142) BGI PQ200 VSCC
				$PM_{2.5}$ Continuous	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(638) Teledyne API T640x
				$PM_{2.5}$ Chemical Speciation	Energy Dispersive XRE	1 in 6 days	Population	Neighborhood	(811) Met One SASS

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				$PM_{2.5}$ Carbon Speciation	Thermal Optic Reflective	1 in 6 days	Population	Neighborhood	(838) URG 3000N
39-151-0020	Canton 420 Market Ave., Canton	40.800717	-81.37300	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(142) BGI PQ200 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(636) Teledyne API T640. FEM.
39-151-0022	Brewster 45 S. Wabash Ave., Brewster	40.712703	-81.598078	O_3 (44201)	U.V. Photometric	Continuous	Upwind Backgrd.	Urban	(047) Thermo 49iQ
39-151-0024	Republic Steel 3150 Georgetown Rd. NE, Canton	40.8003	-81.3312	Pb/Metals (Collocated) (2 monitors) (14128/14129)	Hi-Vol./ICP MS	1 in 6 days	Source-Oriented	Microscale	(110) (192) POC 1 & 4.
39-151-0025	Republic Community 719 Marietta Ave. NE Canton	40.799492	-81.335816	Pb/ Metals (2 monitors) (14128 /14129)	Hi-Vol./ICP MS	1 in 6 days	Source-Oriented	Neighborhood	(110) (192) POC 1 & 4.
39-151-4005	Alliance 1175 W. Vine St., Alliance	40.93133	-81.1235	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Conc.	Urban	(047) Thermo 49iQ
CDO	**Delaware Co.**								
39-041-0002	Delaware 359 Main Rd., Delaware	40.356694	-83.063971	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Conc.	Urban	(047) Thermo 49iQ

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
	Franklin Co.								
39-049-0029	New Albany 7600 Fodor Rd., New Albany	40.084514	-82.815585	$PM_{2.5}$ Continuous (88502)	Beta Attenuation	Continuous	Population	Neighborhood	(170) Met One BAM 1020 FEM operating as non-FEM.
				O_3 (44201)	U.V. Photometric	Continuous	Population	Urban	(047) Thermo 49iQ
39-049-0034 (SPM for VOCs only)	Fairgrounds Korbel Ave., Columbus	40.002707	-82.994424	PM_{10} Continuous	Broadband Spectroscopy	Continuous	Population	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (Collocated) (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025i VSCC
				$PM_{2.5}$ Continuous	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x
				NO_2 (42602)	Chemiluminescence	Continuous	Population	Neighborhood	(099) Teledyne API T200
				SO_2 (42401/42406)	Pulsed Fluorescence	Continuous	Population	Urban	(100) Teledyne API T100
				VOCs	GC MS	1 in 12 days	Population	Neighborhood	(176) Subatmospheric Canister
39-049-0038 Near Road NO_2 site	Smoky Row Near Road 7560 Smoky Row Rd., Columbus	40.1111	-83.06545	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Highest Conc.	Microscale	(145) Partisol 2025i VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Highest Conc.	Microscale	(636) Teledyne API T640. FEM.
				PM_1 Continuous (87111)	Broadband Spectroscopy	Continuous	Highest Conc.	Microscale	(636) Teledyne API T640
				NO_2 (42602)	Chemiluminescence	Continuous	Highest Conc.	Microscale	(099) Teledyne API T200

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				CO-trace (42101)	Gas Filter Correlation	Continuous	Highest Conc.	Microscale	(593) Teledyne API T300U trace-level
				Black Carbon (88313)	Optical Absorption	Continuous	Highest Conc.	Microscale	(894) Magee Scientific TAPI M633
39-049-0040	Jackson Pike WWTP 2104 Jackson Pike, Columbus Evaluating relocating site due to siting issues.	39.91251	-83.01159	PM_{10} Continuous	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Highest Conc.	Neighborhood	(145) Partisol 2025i
				$PM_{2.5}$ Continuous	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(638) Teledyne API T640x.
				Pb/Metals (14128/14129)	Hi-Vol./ICP MS	1 in 6 days	Population	Neighborhood	(110) (192)
39-049-0081	Maple Canyon 5750 Maple Canyon Ave., Columbus	40.0877	-82.959773	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025i VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x.
				O_3 (44201)	U.V. Photometric	Continuous	Population	Urban	(087) Teledyne API T400
	Knox Co.								
39-083-0003	Centerburg WWTP 4625 Lock Rd., Centerburg	40.27886	-82.67956	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Conc.	Urban	(047) Thermo 49i
	Licking Co.								

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-089-0005	Heath 310 Licking View Dr., Heath	40.026037	-82.433	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Conc.	Urban	(047) Thermo 49iQ
39-089-0008	Reynoldsburg 8955 East Main St., Reynoldsburg	39.954457	-82.75892	O_3 (44201)	U.V. Photometric	Continuous	Population	Neighborhood	(047) Thermo 49i
	Madison Co.								
39-097-0007	London 9940 SR 38 SW, London	39.78819	-83.47606	O_3 (44201)	U.V. Photometric	Continuous	Upwind Backgrd.	Urban	(047) Thermo 49iQ
Cleveland	**Cuyahoga Co.**								
39-035-0034	District 6 881 E. 152nd St., Cleveland	41.55517	-81.575234	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Urban	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Urban	(636) Teledyne API T640
				O_3 (44201)	U.V. Absorption	Continuous	Population	Neighborhood	(087) Teledyne API 400
39-035-0038 SPM for VOC only (SPM start 1/1/00)	St. Theodosius 2547 St. Tikhon Ave., Cleveland	41.476947	-81.682353	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (Collocated) (88101)	Gravimetric	1 in 3 days	Highest Conc.	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(638) Teledyne API T640x. FEM.
				$PM_{2.5}$ Chemical Speciation	Energy Dispersive XRE	1 in 6 days	Population	Neighborhood	(811) Met One SASS
				$PM_{2.5}$ Carbon Speciation	Thermal Optic Reflective	1 in 6 days	Population	Neighborhood	(838) URG 3000N

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				SO_2 (42401/42406)	U.V. Fluorescence	Continuous	Highest Conc.	Neighborhood	Changed from (100) Teledyne API T100 to (188) Serinus Ecotec 50 on 1/10/25. POC 2/1.
				TSP/Pb/Metals (11101/14128/14129)	Hi-Vol./ICP MS	1 in 6 days	Population	Neighborhood	(091) (110) (192)
				VOCs	GC MS	1 in 12 days	Population	Neighborhood	(150) Pressurized Canister
39-035-0045	Cleveland Fire St13 4950 Broadway Ave., Cleveland	41.471782	-81.656792	PM_{10} Continuous	Broadband Spectroscopy	Continuous	Population	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x
39-035-0049	Ferro 4150 E. 56th St., Cleveland	41.446323	-81.650768	Pb/Metals (14128/14129)	Hi-Vol./ICP MS	1 in 6 days	Source-Oriented	Neighborhood	(110) (192)
39-035-0051	Galleria 1301 E. 9th St., Cleveland	41.504605	81.69045	CO (42101)	Gas Filter Correlation	Continuous	Highest Conc.	Microscale	(054) Thermo 48i
39-035-0060 NCore site PAMS	GT Craig NCore PAMS E. 14th & Orange, Cleveland	41.492117	-81.67849	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x. FEM.

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				$PM_{10-2.5}$ FRM (86101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(640) Teledyne API T640x
				PM_1 Continuous (87111)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x
				$PM_{2.5}$ Chemical Speciation/Colo	Energy Dispersive XRE	1 in 3 days	Population	Neighborhood	(811) Met One SASS
				$PM_{2.5}$ Carbon Speciation/Colo	Thermal Optic Reflective	1 in 3 days	Population	Neighborhood	(838) URG 3000N
				O_3 (44201)	U.V. Absorption	Continuous	Population	Neighborhood	(087) Teledyne API T400E. PAMS required.
				True NO_2 (42602)	Cavity Attenuated Phase Shift Spectroscopy	Continuous	Population	Neighborhood	(212) Teledyne T500U. PAMS required.
				NO/NOy-trace (42601/42600)	Chemiluminescence	Continuous	Population	Neighborhood	(699) Teledyne API 200 EU/501 PAMS required.
				SO_2-trace (42401)	Pulsed Fluorescence	Continuous	Population	Neighborhood	(560) Thermo 43i-TLE. POC 2.
				CO-trace (42101)	Gas Filter Correlation	Continuous	Population	Neighborhood	(554) Thermo 48i-TLE
				VOCs	Auto GC	Continuous	Population	Urban	(221) (222) Chromatotech AirmOzone. PAMS required.
				Carbonyls (43502/43503)	HPLC Ultraviolet	3 sequential, 8-hour samples every 3 days	Population	Urban	(202) ATEC 8000-2 Canister. POC 8. PAMS required.
				Wind Speed/Wind Dir. (61103/61104)	Sonic	Continuous	Population	Neighborhood	(061) Met One 014A (WS) and 024A (WD). PAMS required.

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				Ambient Temp./Relative Humidity (62101/62201)	Thermistor/ Hygrometers	Continuous	Population	Neighborhood	(061) Met One 085-35. PAMS required.
				Barometric Pressure (64101)	Barometric Sensor	Continuous	Population	Neighborhood	(014) Met One 092
				Solar Radiation (63301)	Pyranometer	Continuous	Population	Neighborhood	(011) Eppley Model SPP. PAMs required.
				Precipitation (65102)	Tipping Bucket	Continuous	Population	Neighborhood	(015) Met One 370D Rain Guage. PAMS required.
				UV Radiation (63302)	UV Radiometer	Continuous	Population	Neighborhood	(011) Eppley Model TUVR. PAMS required.
				Mixing Height	Ceilometer	Continuous	N/A	N/A	Vaisalla CL51. PAMS required.
39-035-0064	Berea BOE 390 Fair St., Berea	41.361835	-81.86457	O_3 (44201)	U.V. Absorption	Continuous	Upwind Backgrd.	Neighborhood	(087) Teledyne API 400
39-035-0065	Harvard Yards 4600 Harvard Ave., Newburgh Heights	41.446624	-81.662355	PM_{10} Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x
				$PM_{2.5}$ Chemical Speciation	Energy Dispersive XRE	1 in 6 days	Source-Oriented	Neighborhood	(811) Met One SASS
				$PM_{2.5}$ Carbon Speciation	Thermal Optic Reflective	1 in 6 days	Source-Oriented	Neighborhood	(838) URG 3000N
				SO_2 (42401/42406)	U.V. Fluorescence	Continuous	Highest Conc.	Neighborhood	(100) Teledyne T100

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-035-0073 Near Road NO_2 Site	Cleveland Near Road 25609 Emory Rd., Warrensville Hts.	41.44013	-81.494833	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Microscale	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Microscale	(636) Teledyne API T640. FEM
				NO_2 (42602)	Chemiluminescence	Continuous	Highest Conc.	Microscale	Change from (074) Thermo 42i to (099) Teledyne API T200 on 10/19/24.
				CO-trace (42101)	Gas Filter Correlation	Continuous	Highest Conc.	Microscale	(554) Thermo 48iQ
39-035-0076	Southerly WWTP 6000 Canal Rd., Cleveland	41.42353	-81.64755	$PM_{2.5}$ Chemical Speciation	Energy Dispersive XRE	1 in 6 days	General Backgrd.	Neighborhood	(810) Met One SASS
				$PM_{2.5}$ Carbon Speciation	Thermal Optic Reflective	1 in 6 days	General Backgrd.	Neighborhood	(838) URG 3000N
39-035-5002	Mayfield 6116 Wilson Mills Rd., Mayfield Site discontinued on 4/22/25.	41.536942	-81.458871	O_3 (44201)	U.V. Absorption	Continuous	Max. Ozone Conc.	Urban	(087) Teledyne API 400E
Lake LAA	**Geauga Co.**								
39-055-0004	Notre Dame 13000 Auburn Run, Munson	41.51551	-81.249906	O_3 (44201)	U.V. Absorption	Continuous	Max. Ozone Conc.	Urban	(087) Teledyne API 400
	Lake Co.								
39-085-0003	Eastlake 36010 Lakeshore Blvd., Eastlake	41.673006	-81.422455	O_3 (44201)	U.V. Absorption	Continuous	Max. Ozone Conc	Neighborhood	(087) Teledyne API 400

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-085-0007	Painesville 177 Main St., Painesville	41.726811	-81.242156	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Highest Conc.	Urban	(142) BGI PQ200
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Highest Conc.	Urban	(636) Teledyne API T640
				O_3 (44201)	U.V. Absorption	Continuous	Population	Urban	(087) Teledyne API 400
				SO_2 (42401/42406)	U.V. Fluorescence	Continuous	Source-Oriented	Neighborhood	(100) Teledyne API 100
NEDO	**Ashtabula Co.**								
39-007-1001	Conneaut 770 Lake Rd., Conneaut	41.959695	-80.572808	O_3 (44201)	U.V. Photometric	Continuous	Population	Regional	(047) Thermo 49iQ
	Columbiana Co.								
39-029-0019	Port Authority 1250 St. George St., East Liverpool	40.63134	-80.549218	Pb/Metals (14128/14129)	Hi-Vol./ICP MS	1 in 6 days	Population	Neighborhood	((091) 110) (192)
39-029-0020	East Liverpool WTP 2220 Michigan Ave., East Liverpool	40.639509	-80.523951	PM_{10} Hi-Vol. (81102)	Gravimetric	1 in 6 days	Population	Neighborhood	(141) Tisch TE-6070
				Pb/Metals (2 monitors) (14128/14129)	Hi-Vol./ICP MS	1 in 6 days	Population	Neighborhood	(091) (110) (192) POCs 1 & 4
39-029-0023	Eastside Elem 500 Maryland Ave., East Liverpool	40.634688	-80.545695	PM_{10} Hi-Vol. (Collocated) (81102)	Gravimetric	1 in 6 days	Population	Middle	(141) Tisch TE-PM10PLUSBL
				TSP/Pb/Metals (11101/14128/14129)	Hi-Vol./ICP MS	1 in 6 days	Source-Oriented	Middle	(091) (110) (192)
	Lorain Co.								

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AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-093-0018	Sheffield 4706 Detroit Rd., Sheffield	41.420882	-82.095729	O_3 (44201)	U.V. Photometric	Continuous	Population	Neighborhood	(047) Thermo 49iQ
	Mahoning Co.								
39-099-0015	Youngstown State 91 Wick Oval St., Youngstown	41.106182	-80.640576	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (2 monitors) (88101)	Gravimetric	1 in 3 days	Highest Conc.	Neighborhood	(142) BGI PQ200-VSCC. POC 1 & 4.
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(638) Teledyne API T640x. FEM
				O_3 (44201)	U.V. Absorption	Continuous	Population	Neighborhood	(047) Thermo 49iQ
				SO_2 (42401/42406)	Pulsed Fluorescent	Continuous	Population	Neighborhood	(060) Thermo 43iQ
	Trumbull Co.								
39-155-0006	Warren WWTP 2323 Main Ave., Warren	41.20222	-80.810584	PM_{10} Hi-Vol. (81102)	Gravimetric	1 in 6 days	Source-Oriented	Neighborhood	(062) Wedding
39-155-0011	TCSE 842 Youngstown-Kingsville Rd., Vienna	41.240453	-80.66272	O_3 (44201)	U.V. Absorption	Continuous	Max. Ozone Conc.	Urban	Changed from (087) Teledyne API T400 to (047) Thermo 49iQ on 3/15/24.
39-155-0013	Kinsman Maintenance 6380 SR 87, Kinsman	41.454568	-80.589528	O_3 (44201)	U.V. Absorption	Continuous	Regional Transport	Urban	(047) Thermo 49iQ
39-155-0014	Laird Eng Bldg 540 Laird Ave. S.E.,	41.231720	-80.80116	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(639) Teledyne API T640x

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
	Warren			$PM_{2.5}$ FRM (2 monitors) (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(142) BGI PQ200VSCC. POCs 1 & 4.
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x. FEM
39-155-0015	Girard WWTP 945 S. State St., Girard	41.145672	-80.693682	PM_{10} Hi-Vol.	Gravimetric	1 in 6 days	Population	Neighborhood	(141) Tisch TE-6070
NWDO	**Allen Co.**								
39-003-0009	Lima 2650 Bible Rd., Lima	40.770944	-84.0539	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 6 days	Population	Neighborhood	(145) Partisol 2025i VSCC
				$PM_{2.5}$ Continuous (88101)	Beta Attenuation	Continuous	Population	Neighborhood	(170) MET One BAM VSCC. FEM.
				O_3 (44201)	U.V. Photometric	Continuous	Population	Neighborhood	(047) Thermo 49i
				SO_2 (42401/42406)	U.V. Fluorescence	Continuous	Population	Neighborhood	(060) Thermo 43iQ
	Fulton Co.								
39-051-0001	Delta Bunting Bearings, 200 Van Buren St., Delta	41.57588	-83.9959	Pb/Metals (Collocated) (14128/14129)	Hi-Vol./ICP MS	1 in 6 days	Source-Oriented	Middle	(110) (192)
	Hancock Co.								
39-063-0005 Industrial (start 12/23/20)	Sunny Farms West 23921 Twp. Rd. 214, Fostoria	41.093169	-83.423448	SO_2 (42401/ 42406)	Pulsed Fluorescence	Continuous	Source-Oriented	Neighborhood	(060) Thermo 43iQ

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
	Ottawa Co.								
39-123-0006 to 39-123-0014 Industrial (start 12/1/84 to 1/1/93)	Materion, Elmore Operated by Brush-Wellman (9 sites)	41.494722	-83.214444	Beryllium (12105)	Hi-Vol./ICP MS	7-day samples	Source-Oriented	Middle	
	Wood Co.								
39-173-0003	Bowling Green 347 N. Dunbridge Rd., Bowling Green	41.377685	-83.611104	O_3 (44201)	U.V. Photometric	Continuous	Upwind Backgrd.	Neighborhood	(087) Teledyne API T400
Portsmouth	**Lawrence Co.**								
39-087-0011	Wilgus SR 141, Wilgus	38.62901	-82.45896	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Conc.	Neighborhood	(087) Teledyne API T400
39-087-0012	ODOT Ironton 450 Commerce Dr., Ironton	38.5081	-82.65924	PM_{10} Lo-Vol. (Collocated) (81102)	Gravimetric	1 in 6 days	Population	Neighborhood	(125) BGI PQ200
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(636) Teledyne API T640. FEM.
				O_3 (44201)	U.V. Photometric	Continuous	Population	Neighborhood	(087) Teledyne API T400
				SO_2 (42401/42406)	Pulsed Fluorescence	Continuous	Population	Neighborhood	(060) Thermo 43iQ
	Scioto Co.								

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-145-0013	Portsmouth WTP 4862 Gallia St., Portsmouth	38.754595	-82.917	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Population	Middle	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Middle	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Middle	(638) Teledyne API T640x
39-145-0015	East Haverhill 1526 Haverhill-Ohio Furnace Rd., Haverhill	38.59246	-82.80677	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Source-Oriented	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 6 days	Source-Oriented	Neighborhood	(142) BGI PQ200 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Source-Oriented	Neighborhood	(638) Teledyne API T640x
39-145-0020 Industrial site	Back Road 2840 Back Rd., Franklin Furnace Permit required. Haverhill Coke operated and funded.	38.609338	-82.822512	PM_{10} Continuous (81102)	Oscillating crystal	Continuous	Source-Oriented	Neighborhood	(122) MET One BAM 1020. POC 1.
				SO_2 (42401/42406)	Pulsed Fluorescence	Continuous	Source-Oriented	Neighborhood	(060) Thermo 43C

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-145-0021 Industrial site	Gallia Pike North 2446 Gallia Pike, Franklin Furnace Permit required. Haverhill Coke operated and funded.	38.600611	-82.829782	PM_{10} Continuous (81102)	Oscillating Crystal	Continuous	Source-Oriented	Middle	(122) MET One BAM 1020 POC 1.
39-145-0022 Industrial site	Gallia Pike South 1740 Gallia Pike, Franklin Furnace Permit required. Haverhill Coke operated and funded.	38.588034	-82.834973	PM_{10} Continuous (81102)	Oscillating Crystal	Continuous	Source-Oriented	Neighborhood	(122) Met One BAM 1020 POC 1.
				SO_2 (42401/42406)	Pulsed Fluorescence	Continuous	Source-Oriented	Neighborhood	(060) Thermo 43C
RAPCA	**Clark Co.**								
39-023-0001	Springfield Well Fd 5171 Urbana Rd., Springfield	40.00103	-83.80456	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Cconc.	Urban	Anticipate will replace (047) Thermo 49i with (047) Teledyne API N400.
39-023-0003	Mud Run 5400 Spangler Rd., Enon	39.85567	-83.99773	O_3 (44201)	U.V. Photometric	Continuous	Population	Urban	(047) Thermo 49i

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-023-0005	Springfield Fire St1 350 N. Fountain Ave., Springfield	39.928820	-83.80949	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (81101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(636) Teledyne API T640 FEM.
	Greene Co.								
39-057-0006	Xenia 541 Ledbetter Rd., Xenia	39.66575	-83.94285	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Conc.	Urban	(047) Thermo 49i
	Miami Co.								
39-109-0005	Miami East HS 3825 N. SR 589, Castown	40.08455	-84.11412	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Conc.	Urban	(047) Thermo 49i
	Montgomery Co.								
39-113-0037	Eastwood 1401 Harshman Rd., Dayton	39.78563	-84.13441	O_3 (44201)	U.V. Photometric	Continuous	Population	Urban	Anticipate will replace (047) Thermo 49iQ with (047) Teledyne API N400.
39-113-0038	Sinclair 444 W. Third St., Dayton	39.7560	-84.1987	PM_{10} Continuous Std. (81102)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(639) Teledyne API T640x. POC 9.
				PM_{10} Continuous Local (85101)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(639) Teledyne API T640x. POC 9.
				$PM_{2.5}$ FRM (Collocated) (88101)	Gravimetric	1 in 3 days	Highest Conc.	Neighborhood	(145) Partisol 2025 VSCC

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(638) Teledyne API T640x. FEM. POC 7.
				$PM_{10-2.5}$ FRM (86101)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(640) Teledyne API T640x. POC 9.
				$PM_{2.5}$ Chemical Speciation	Energy Dispersive XRE	1 in 6 days	Population	Neighborhood	(811) Met One SASS
				$PM_{2.5}$ Carbon Speciation	Thermal Optic Reflective	1 in 6 days	Population	Neighborhood	(838) URG 3000N
39-113-XXXX	TBD 3210 Chuck Wagner Ln. New site will likely be added at this location to meet requirement for Dayton, MSA.	TBD	TBD	$PM_{2.5}$					
	Preble Co.								
39-135-1001 NCore site	Preble NCore 6940 Oxford Gettysburg Rd., SR 40, New Paris	39.83562	-84.72052	PM_{10} Continuous (81102/85101)	Broadband Spectroscopy	Continuous	Upwind Backgrd.	Regional	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Upwind Backgrd.	Regional	(145) Partisol 2025i VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Upwind Backgrd.	Regional	(638) Teledyne API T640x. FEM.
				$PM_{10-2.5}$ FRM (86101)	Broadband Spectroscopy	Continuous	Upwind Backgrd.	Regional	(640) Teledyne API T640x
				$PM_{2.5}$ Chemical Speciation	Energy Dispersive XRE	1 in 3 days	Upwind Backgrd.	Regional	(811) Met One Super SASS

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				$PM_{2.5}$ Carbon Speciation	Thermal Optic Reflective	1 in 3 days	Upwind Backgrd.	Regional	(838) URG 3000N
				O_3 (44201)	U.V. Photometric	Continuous	Upwind Backgrd.	Regional	(047) Thermo 49.
				NO/NOy-trace (42601/42600)	Chemiluminescence	Continuous	Upwind Backgrd.	Regional	(699) Teledyne API 200EU/501
				SO_2-trace (42401/42406)	Pulsed Fluorescence	Continuous	Upwind Backgrd.	Regional	(560) Thermo43i TLE
				CO-trace (42101)	Gas Filter Correlation	Continuous	Upwind Backgrd.	Regional	(554) Thermo48i TLE
				Wind Speed/Wind Dir. (61103/61104)	Sonic	Continuous			(022) R.M. Young 81000
				Ambient Temp./Relative Humidity (62101/62201)					(060) Vaisala HMP 155
				Barometric Pressure (64101)					(014) Met One 092
				Solar Radiation (63301)	Pyranometer				(011) Middleton Solar SK01-02
39-009-0003	Gifford SR. 377, Amesville	39.442165	-81.908827	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	General Backgrd.	Regional	(145) Partisol 2025i VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	General Backgrd.	Regional	(636) Teledyne API T640
	Belmont Co.								
39-013-0006	Shadyside 2 Ball Park Rd., Shadyside	39.9678	-80.7476	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	General Backgrd.	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	General Backgrd.	Neighborhood	(145) Partisol 2025i VSCC

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
	Anticipate site discontinuing with approval.			$PM_{2.5}$ Continuous (81101)	Broadband Spectroscopy	Continuous	General Backgrd.	Neighborhood	(638) Teledyne API T640x
				NO_2 (42602)	Chemiluminescence	Continuous	General Backgrd.	Neighborhood	(099) Teledyne API 200
				SO_2 (42401/42406)	U.V. Fluorescence	Continuous	General Backgrd.	Neighborhood	(060) Thermo 43iQ
	Harrison Co.								
39-067-0005 SPM (SPM start 8/24/18)	Hopedale Community Scale Project 46700 Jewett Hopedale Rd., Site discontinued on 7/1/2024.	40.332933	-80.933401	VOCs	GC MS	1 in 12 days	Source-Oriented	Microscale	(176) Subatmospheric Canister
				Wind Speed/Wind Dir. (61103/61104)	Sonic	Continuous			(063) Ron Young 86004
	Gallia Co.								
39-053-0004 SO_2 DRR site	Cheshire Elem. 350 Watson Grove Rd., Cheshire Gavin/Kyger Power Plant, industry funded and operated	38.95018	-82.12211	SO_2 (42401/42406)	Pulsed Fluorescence	Continuous	Source-Oriented	Neighborhood	(060) Thermo 43A
39-053-0005 SO_2 DRR site	Ridge 583 Honeysuckle Rd., Addison Gavin/Kyger Power Plant, industry funded and operated	38.89495	-82.14893	SO_2 (42401/42406)	Pulsed Fluorescence	Continuous	Source-Oriented	Neighborhood	(060) Thermo 43i
				Wind Speed/Wind Dir. (61103/61104)					(050)

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-053-0006 SO_2 DRR site	Guiding Hand 8323 SR 7 North, Cheshire Gavin/Kyger Power Plant, Ohio EPA funded and operated	38.94945	-82.1104	SO_2 (42401/42406)	Pulsed Fluorescence	Continuous	Source-Oriented	Neighborhood	(060) Thermo 43iQ
	Mason Co., West Virginia								
54-053-0001 SO_2 DRR site	Lakin WV Highway 62, Lakin WV Gavin/Kyger Power Plant, industry funded and operated	38.95649	-82.08866	SO_2 (42401/42406)	Pulsed Fluorescence	Continuous	Source-Oriented	Neighborhood	(060) Thermo 43i
				Wind Speed/Wind Dir. (61103/61104)					(050)
	Jefferson Co.								
39-081-0017 SPM for VOCs only (SPM start 7/26/04)	Steubenville 618 Logan St., Steubenville	40.3663	-80.6158	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Highest Conc	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (Collocated) (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025i VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x. FEM
				$PM_{2.5}$ Carbon Speciation	Thermal Optic Reflective	1 in 6 days	Population	Neighborhood	(838) URG 3000N
				$PM_{2.5}$ Chemical Speciation	Energy Dispersive XRE	1 in 6 days	Population	Neighborhood	(811) Met One SASS
				O_3 (44201)	U.V. Photometric	Continuous	Population	Neighborhood	(087) Teledyne API T400
				SO_2 (42401 & 42406)	Pulsed Fluorescent	Continuous	Population	Neighborhood	(060) Thermo 43iQ

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				VOCs	GC MS	1 in 6 days	Population	Neighborhood	(176) Subatmospheric Canister
	Ohio Co., West Virginia								
54-069-0010 **This site is owned and operated by WVDEP.**	Warwood Wheeling-Warwood Water Plant	40.114760	-80.700972	O_3 (44201)	U.V. Photometric	Continuous	Population	Urban	(160)
	Washington Co.								
39-167-0004	Marietta WTP 2000 4th St., Marietta	39.432117	-81.460443	O_3 (44201)	U.V. Photometric	Continuous	Population	Neighborhood	(047) Thermo 49iQ
39-167-0011 Industrial	Globe 22275 SR 60, Beverly	39.58427	-81.67015	SO_2 (42401/42406)	Pulsed Fluorescence	Continuous	Source-Oriented	Neighborhood	(060) Thermo 43iQ
SWOAQA	**Butler Co.**								
39-017-0015	Ohio Bell 3901 Lefferson, Middletown	39.49072	-84.36374	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(639) Teledyne API T640x. POC 9.
				$PM_{2.5}$ FRM (2 monitors) (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(142) BGI PQ200 VSCC. POCs 1 & 4.
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x. FEM

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-017-0018	Middletown Airport 1707 Runway Dr., Middletown	39.529112	-84.394003	O_3 (44201)	U. V. Absorption	Continuous	Population	Urban	(087) Teledyne API 400
39-017-0019 Industrial site, except VOCs are SPM (SPM start 7/1/11)	Amanda Elem 1200 Oxford State Rd., Middletown Permit required, SWOAQA operated, Sun Coke funded.	39.479822	-84.409617	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Source Oriented	Neighborhood	(639) Teledyne API T640x.
				$PM_{2.5}$ FRM (2 monitors) (88101)	Gravimetric	1 in 3 days	Source Oriented	Neighborhood	(142) BGI PQ200 VSCC. POCs 1 & 4.
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Source Oriented	Neighborhood	(638) Teledyne API T640x. FEM.
				SO_2 (42401/42406)	U.V. Flourescence	Continuous	Source Oriented	Neighborhood	(100) Teledyne API 100
				VOCs	GC MS	1 in 12 days	Source Oriented	Neighborhood	(176) Sub-Ambient Canister
39-017-0020 Industrial site, except VOCs are SPM (SPM start 7/1/11)	Yankee 3350 Yankee Rd., Middletown Permit required, SWOAQA operated, Sun Coke funded.	39.472436	-84.394952	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Source Oriented	Neighborhood	(639) Teledyne API T640x.
				$PM_{2.5}$ FRM (2 monitors) (88101)	Gravimetric	1 in 3 days	Source Oriented	Middle	(142) BGI PQ200 VSCC. POCs 1 & 4.
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Source Oriented	Middle	(638) Teledyne API T640x. FEM.
				SO_2 (42401/42406)	U.V. Flourescence	Continuous	Source Oriented	Neighborhood	(100) Teledyne API 100
				VOCs	GC MS	1 in 12 days	Source Oriented	Neighborhood	(176) Sub-Ambient Canister

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-017-0021 Industrial site	Made 1501Made Industrial Dr., Middletown Settlement agreement required, SWOAQA operated, Sun Coke funded.	39.46619	-84.40256	SO_2 (42401/42406)	U.V. Flourescence	Continuous	Source Oriented	Neighborhood	(100) Teledyne API 100
39-017-0022	BPG 3214 Yankee Rd., Middletown	39.47869	-84.3971	$PM_{2.5}$ FRM (2 monitors) (88101)	Gravimetric	1 in 3 days	Source Oriented	Neighborhood	(142) BGI PQ200 VSCC. POCs 1 & 4.
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Source Oriented	Neighborhood	(636) Teledyne API T640. FEM
39-017-0023	Crawford Woods 2200 Hensley Ave., Hamilton	39.3847	-84.5405	O_3 (44201)	U.V. Absorption	Continuous	Max. Ozone Conc.	Urban	(087) Teledyne API 400
	Clermont Co.								
39-025-0022	Batavia 2400 Clermont Center Dr., Batavia	39.0828	-84.1441	O_3 (44201)	U.V. Absorption	Continuous	Max. Ozone Conc.	Urban	(087) Teledyne API 400
				$PM_{2.5}$ Continuous (88502)	Beta Attenuation	Continuous	Population	Neighborhood	(731) Met One BAM SCC. FEM operating as non-FEM.
	Clinton Co.								

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-027-1002	Wilmington 300 Oak Dr., Wilmington	39.427535	-83.788916	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Conc.	Urban	(087) Teledyne API 400
	Hamilton Co.								
39-061-0006	Sycamore 11590 Grooms Rd., Cincinnati	39.2787	-84.366192	$PM_{2.5}$ Continuous (88101) *primary	Beta Attenuation	Continuous	Population	Neighborhood	(170) MET One BAM 1020 FEM.
				O_3 (44201)	U.V. Absorption	Continuous	Highest Conc.	Urban	(087) Teledyne API 400
39-061-0010	Colerain 6950 Ripple Rd., Cleves	39.21487	-84.69086	$PM_{2.5}$ Continuous (88502)	Beta Attenuation	Continuous	Population	Urban	(731) Met One BAM SCC. FEM operating as non-FEM.
				O_3 (44201)	U.V. Absorption	Continuous	Population	Urban	(087) Teledyne API 400
				SO_2 (42401/42406)	U.V. Fluorescence	Continuous	Population	Neighborhood	(100) Teledyne API 100
39-061-0014	Carthage Seymour & Vine, Cincinnati	39.19433	-84.47898	$PM_{2.5}$ FRM (Collocated) (2 monitors) (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(142) BGI PQ200 VSCC. POCs 1 & 4.
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(636) Teledyne API T640. FEM.
39-061-0040 NCore site PAMS	Taft NCore PAMS 250 William Howard Taft Rd., Cincinnati	39.12886	-84.50404	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(639) Teledyne API T640x. POC 9.
				$PM_{2.5}$ FRM (2 monitors) (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(142) BGI PQ200 VSCC. POCs 1 & 4.
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x. FEM.

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
	Anticipate site relocating due to building/property ownership changes.			$PM_{10-2.5}$ Continuous (86101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(640) Teledyne API T640x. POC 3
				PM_1 Continuous (87111)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(638) Teledyne API T640x.
				$PM_{2.5}$ Chemical Speciation	Energy Dispersive XRE	1 in 3 days	Population	Neighborhood	(811) Met One SASS
				$PM_{2.5}$ Carbon Speciation	Thermal Optic Reflective	1 in 3 days	Population	Neighborhood	(838) URG 3000N
				O_3 (44201)	U.V. Absorption	Continuous	Population	Neighborhood	(087) Teledyne API 400. PAMS required
				True NO_2 (42602)	Cavity Attenuated Phase Shift Spectroscopy	Continuous	Population	Neighborhood	(212) Teledyne API T500U. POC 2. PAMS required.
				NO/NOy-trace (42601/42600)	Chemiluminescence	Continuous	Population	Urban	(699) Teledyne API T200U. POC 2 for NO. PAMS required.
				SO_2-trace (42401/42406)	U.V. Fluorescence	Continuous	Population	Urban	(600) API T100U
				CO-trace (42101)	Gas Filter Correlation	Continuous	Population	Urban	(593) API T300U
				VOCs	Auto GC	Continuous	Population	Urban	(221) (222) Chromatotech AirmOzone. PAMS required. POC 8
				Black Carbon (88313)	Aethalometer	Continuous	Population	Urban	(894) Magee Aethalometer AE33
				Carbonyls (43502/43503)	HPLC Ultraviolet	3 sequential, 8-hour samples every 3 days	Population	Urban	(202) ATEC 8000 Canister. POC 8. PAMS required.

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
				Wind Speed/Wind Dir. (61103/61104)	Mechanical (propellor/vane)	Continuous	Population	Neighborhood	(065) RM Young 05305V. PAMS required.
				Ambient Temp./Relative Humidity (62101/62201)	Thermistor/ Hygrometers	Continuous	Population	Neighborhood	(061) RM Young 41282VC. PAMS required.
				Barometric Pressure (64101)	Barometric Sensor	Continuous	Population	Neighborhood	(014) RM Young 61302V PAMS required.
				Solar Radiation (63301)	Pyranometer	Continuous	Population	Neighborhood	(011) Eppley Model SPP. PAMS required.
				Precipitation (65102)	Tipping Bucket	Continuous	Population	Neighborhood	(015) Met One 370 Rain Gauge. PAMS required.
				UV Radiation (63302)	UV Radiometer	Continuous	Population	Neighborhood	(011) Eppley Lab TUVR. PAMS required
				Mixing Height	Ceilometer	Continuous	N/A	N/A	Vaisalla CL51. PAMS required.
39-061-0042	Lower Price Hill 2101 W. 8th St., Cincinnati	39.10492	-84.55117	$PM_{2.5}$ FRM (2 monitors) (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(142) BGI PQ200 VSCC. POCs 1 & 4.
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(636) Teledyne API T640. FEM.

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-061-0047 Industrial site	Kibby 7529 Gracely Dr., Cincinnati Anticipate site discontinuing after facility shutdown.	39.131635	-84.707205	VOCs	GC MS	1 in 12 days	Population	Neighborhood	(150) Pressurized Canister
39-061-0048 Near Road NO_2 site	Cincinnati Near Road 3428 Colerain Ave., Cincinnati	39.146025	-84.538375	$PM_{2.5}$ FRM (88101) *FRM is collocated for FEM	Gravimetric	1 in 6 days	Quality Assurance for Highest Conc.	Microscale	(142) BGI P200 VSCC. POC 2.
				$PM_{2.5}$ Continuous (88101) * primary	Beta Attenuation	Continuous	Highest Conc.	Microscale	(170) MET One BAM 1020 FEM.
				NO, NO_2, & NOx (42601/42602/42603)	Chemiluminescence	Continuous	Highest Conc.	Microscale	(099) Teledyne API 200
				CO-trace (42101)	Gas Filter Correlation	Continuous	Highest Conc.	Microscale	(593) API 300U
				Black Carbon (88313)	Optical Absorption	Continuous	Highest Conc.	Microscale	(894) TAPI M633
	Warren Co.								
39-165-0007	Lebanon 430 S East St., Lebanon	39.427167	-84.200396	$PM_{2.5}$ Continuous (88502)	Beta Attenuation	Continuous	Population	Neighborhood	(731) MET BAM SCC. Non-FEM.
				O_3 (44201)	U.V. Absorption	Continuous	Max. Ozone Conc.	Urban	(087) Teledyne API 400
Toledo	**Lucas Co.**								
39-095-0008	Collins Parks WTP 3040 York St., Toledo	41.6637	-83.4725	SO_2 (42401/42406)	U.V. Fluorescent	Continuous	Highest Conc.	Neighborhood	(100) Teledyne API 100. POC 2.

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-095-0024	Erie 348 S. Erie St., Toledo	41.644067	-83.54625	PM_{10} Continuous (81102)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(639) Teledyne API T640x
				$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Highest Conc.	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(638) Teledyne API T640x
				O_3 (44201)	U.V. Photometric	Continuous	Population	Neighborhood	(087) Teledyne API T400
39-095-0026	RAPS 4150 Airport Highway, Toledo	41.620633	-83.64225	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Population	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Population	Neighborhood	(636) Teledyne API T640
39-095-0027	Waterville 200 S. River Rd., Waterville	41.494167	-83.71894	O_3 (44201)	U.V. Photometric	Continuous	Population	Neighborhood	Changed from (087) Teledyne API T400 to (047) Thermo 49i on 9/4/24.
39-095-0035	Cooley 10739 Corduroy Rd., Curtice	41.669001	-83.28717	O_3 (44201)	U.V. Photometric	Continuous	Max. Ozone Conc.	Urban	(047) Thermo 49i
				Wind Speed/Wind Dir. (61103/61104)	Sonic	Continuous	Max. Ozone Conc.	Urban	(069) Met One AI02
				Ambient Temp./Relative Humidity (62101/62201)	Sonic	Continuous	Max. Ozone Conc.	Urban	(069) Met One AI02
				Barometric Pressure (64101)	Sonic	Continuous	Max. Ozone Conc.	Urban	(069) Met One AI02

AQS ID # Air Agency	County/ Site Name and Address	Latitude	Longitude	Parameter/ Method (AQS Parameter Code)	Analysis	Schedule	Monitoring Objective	Spatial Scale	Method Code/ Comments
39-095-1003	Eastside Pump St., 163 Lee St., Toledo	41.6799	-83.4786	$PM_{2.5}$ FRM (88101)	Gravimetric	1 in 3 days	Highest Conc.	Neighborhood	(145) Partisol 2025 VSCC
				$PM_{2.5}$ Continuous (88101)	Broadband Spectroscopy	Continuous	Highest Conc.	Neighborhood	(636) Teledyne API T640

[2]Unless indicated, the Parameter Occurrence Code (POC) of each primary monitor is POC 1 and POC 2 of each collocated monitor. All continuous PM_{10} and $PM_{2.5}$ monitors in Ohio have been assigned POC 3 unless otherwise indicated in the table above. [3]See section 1.2 in the Network Plan document for more details. N/A- not applicable to the analysis performed.

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