

## 2015-2016 Annual Network Plan

This is the Annual Network Plan for the Southwest Ohio Air Quality Agency (SWOAQA). The detailed site plans attached include a list of the air pollutants to be monitored at each location, the collection method, schedule and start date for each pollutant, any proposed changes to the site or existing monitors, the major objective for each site, and the scale the monitoring represents. The list below summarizes the significant changes proposed for the SWOAQA monitoring network.

- **PQAO changes** – Ohio is currently undergoing a PQAO consolidation, but new PQAO assignments have not been officially made or updated in AQS. Hamilton County Environmental Services (Agency Code 1259) is currently reflected for each site in this network plan as the responsible PQAO since that is the information currently in AQS for active SWOAQA monitors.
- **End Ambient Temperature/Pressure Reporting for FRMs** – The Ambient Monitoring Rule was proposed in August 2014, but is not yet final. One change proposed in this rule was to discontinue the reporting requirement for temperature and pressure measured by particulate FRMs. SWOAQA plans to discontinue reporting data for the temperature and pressure parameters from low-volume PM<sub>2.5</sub> and PM<sub>10</sub> FRM monitors in its network after December 2015 if this reporting requirement is removed when the monitoring rule is final. This will impact several sites in the network, including: Verity (39-017-0003), Sacred Heart School (39-017-0016), Amanda Elementary (39-017-0019), Yankee Road (39-017-0020), BPG (39-017-0022), Sycamore (39-061-0006), Colerain (39-061-0010), Carthage (39-061-0014), Taft (39-061-0040), and Lower Price Hill (39-061-0042).
- **FEM NAAQS Exclusion requests** – SWOAQA installed its first Thermo SHARP FEM at Sycamore (39-061-0006) in January 2015. The FRM/FEM colocation and comparability study is currently underway at Sycamore. A Thermo SHARP FEM was also installed at Taft (39-061-0040) in March 2015. A NAAQS exclusion for PM<sub>2.5</sub> is requested for the FEM data at each site for a two year period starting with the comparability study at Sycamore from January 2015 through January 2017. The NAAQS exclusion request has been made in the monitor forms in AQS, is documented on the corresponding site sheets in the attached network plan, and a formal request will be made soon in an official memo to USEPA Region 5.
- **Verity (39-017-0003)** may be moved to ground level at the park next to the former school where this site is located, pending regional approval and site agreements. This will allow for safer site access and improved security. If Ohio Bell equipment needs to be relocated, it can be added to this proposed site as well.
- **Ohio Bell (39-017-0015)** is proposed to be discontinued at the end of 2015. PM<sub>10</sub> will continue to be monitored at the nearby Verity site, or at a new location nearby if Verity is relocated. If any other monitoring parameters at Ohio Bell need to be continued, it is proposed to add them to Verity or its new location.

- **BPG (39-017-0022)** began monitoring in February 2015. SWOAQA requests that the data collected from this site be reviewed after one year to determine if the sample frequency should change or if the site can be discontinued at the end of 2016.
- **Taft (39-061-0040)** – In addition to the changes mentioned above for Taft (FEM NAAQS exclusion request and discontinue reporting FRM temperature and pressure data), there are a few other monitoring changes planned. The most significant requested change is to discontinue lead analysis of the low-vol PM10 filters after September 30, 2015, pending finalization of the Ambient Monitoring Rule and regional approval. Other minor changes are outlined in the Taft site plan attached.
- **Kibby Lane (39-061-0047)** VOC monitoring is currently required at this site by a consent decree with a local industrial facility. The consent decree will end soon and the sampling schedule will be decreased from 1:6 to 1:12 day monitoring.

Please contact Anna Kelley at [Anna.Kelley@hamilton-co.org](mailto:Anna.Kelley@hamilton-co.org) or Christina Boss at [Christina.Boss@hamilton-co.org](mailto:Christina.Boss@hamilton-co.org) with questions or comments regarding the Annual Network Plan.

**Southwest Ohio Air Quality Agency  
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**Site Name: Verity**

AQS Site ID: 39-017-0003  
 Agency: Hamilton County Department of Environmental Service  
 Primary QA Org.: Hamilton County Department of Environmental Service  
 MSA: Hamilton-Middletown  
 Address: 1900 Johns Road, Middletown  
 Latitude: 39.4938  
 Longitude: -84.3543



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

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

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	142	1:3	1/1/1999	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	63	1:6	1/14/1993	<input checked="" type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input checked="" type="checkbox"/>	150	1:12	2/8/1999	<input checked="" type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes: See next page for details of proposed changes.**

**Quality Assurance**

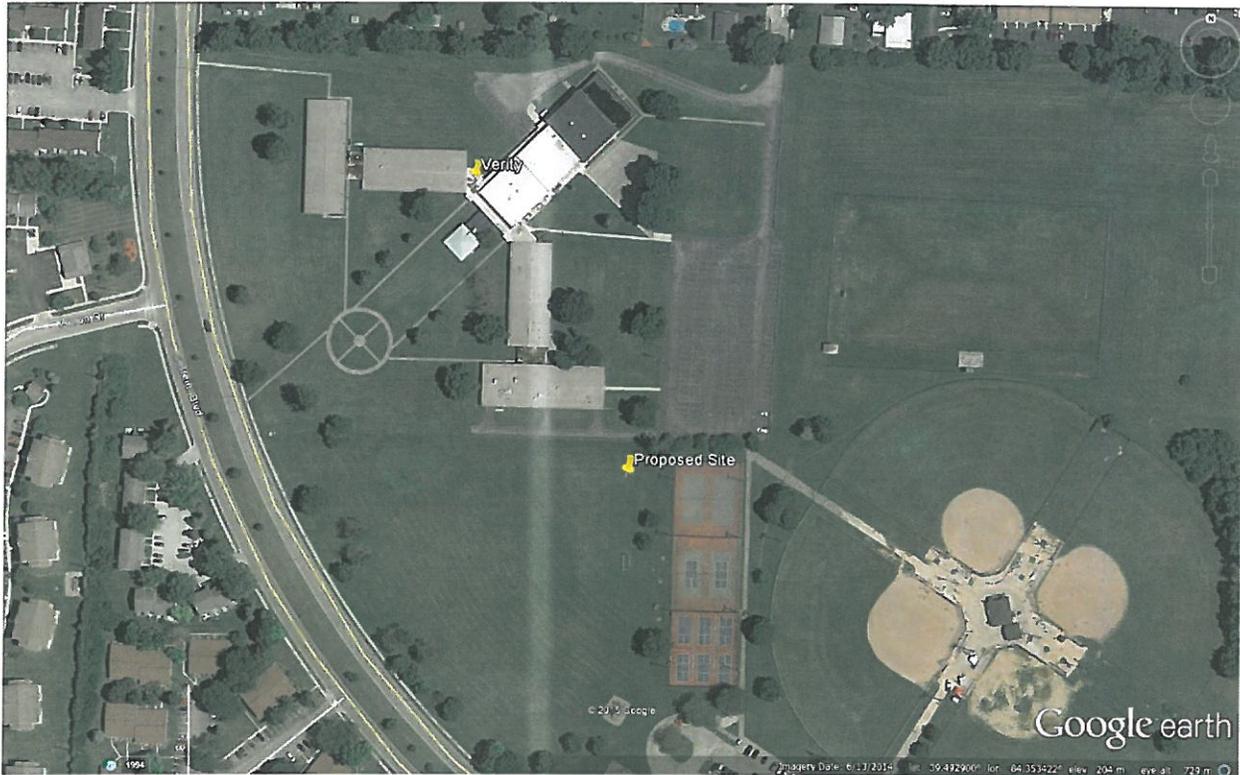
- Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58
- Comments:**

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### Additional details of proposed changes:

Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM<sub>2.5</sub> FRM sampler after December 31, 2015.

SWOAQA requests to move this site in 2015 from the former school rooftop to a groundlevel site at the park next to the current site, pending approval. All parameters will be retained at the new site. The move would be about 160 m SSE of the current site. The picture below shows the current site and new potential location, pending regional approval and official agreements with park property owner. If Ohio Bell (39-017-0015) shut down is approved and TSP/lead/metals parameters need to be retained, the equipment can be relocated to the Verity replacement site.



## Southwest Ohio Air Quality Agency 2015-2016 Annual Network Plan

**Site Name: Hamilton**

AQS Site ID: 39-017-0004

Agency: Hamilton County Department of Environmental Service

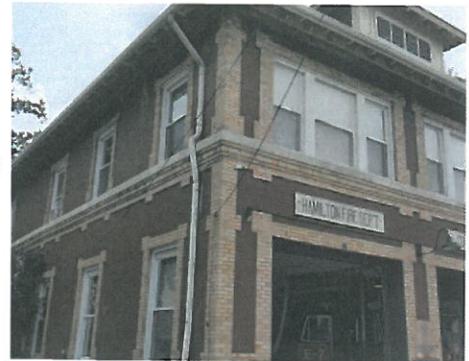
Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Hamilton-Middletown

Address: Schuler And Bender, Hamilton

Latitude: 39.38339

Longitude: -84.544322



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

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

### Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	87	Hourly	1/1/1982	<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:**

### Quality Assurance

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

**Comments:**

## Southwest Ohio Air Quality Agency 2015-2016 Annual Network Plan

**Site Name: Ohio Bell**

AQS Site ID: 39-017-0015

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Hamilton-Middletown

Address: 3901 Lefferson, Middletown

Latitude: 39.49014

Longitude: -84.36417



**Site description: Land Use: Industrial; Location Type: Suburban. SLAMS site. Colocated TSP/Lead sampler**

**Monitoring objective and spatial scale: Monitoring Objective: PM10 Population Exposure ; Spatial Scale: Neighborhood**

### Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	63	1:6	1/6/1991	<input checked="" type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input checked="" type="checkbox"/>	192	1:6	1/1/2004	<input checked="" type="checkbox"/>
TSP	<input checked="" type="checkbox"/>	91	1:6	1/16/2004	<input checked="" type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	108	1:6*	1/1/2004	<input checked="" type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes: Site will be discontinued or relocated after December 2015, pending approval. PM10 monitoring will continue at the nearby Verity site, or at its new location if moved. Other Ohio Bell parameters can be added to Verity if needed.**

### Quality Assurance

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

**Comments:** Colocated TSP/Lead sampler; collection methods 091 & 192, 1:12 schedule.  
\*Metals are analyzed as a monthly composite sample. Metals analysis includes arsenic, beryllium, cadmium, chromium, lead, manganese, nickel and zinc.

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**Site Name: Sacred Heart School (SHS)**

AQS Site ID: 39-017-0016

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Hamilton-Middletown

Address: 400 Nilles Road, Fairfield

Latitude: 39.33839

Longitude: -84.5666



**Site description: This is a SLAMS site. Land Use: Residential; Location Type: Urban and City Center.**

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

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	142	1:3	10/3/2000	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes: Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM<sub>2.5</sub> FRM sampler after December 31, 2015.**

**Quality Assurance**

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

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**Site Name: Middletown**

AQS Site ID: 39-017-0018

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Hamilton-Middletown

Address: Hook Field Airport, Middletown

Latitude: 39.529444

Longitude: -84.393453



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

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

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	87	Hourly	4/1/2010	<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:**

**Quality Assurance**

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

**Comments:** Meteorological data is available from Airport records.

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**Site Name: Amanda Elementary**

AQS Site ID: 39-017-0019

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 1300 Oxford State Road, Middletown, OH

Latitude: 39.478849

Longitude: -84.407675



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

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

**Monitoring objective and spatial scale: Source oriented; Neighborhood**

### Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	142	1:3	6/1/2011	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	753	Hourly	7/1/2011	<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	125	1:6	6/1/2011	<input checked="" type="checkbox"/>
SO <sub>2</sub>	<input checked="" type="checkbox"/>	100	Hourly	8/1/2011	<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input checked="" type="checkbox"/>	150	1:12	7/1/2011	<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes: Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM<sub>2.5</sub> and PM<sub>10</sub> FRM samplers after December 31, 2015.**

### Quality Assurance

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

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

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**Site Name: Yankee Road**

AQS Site ID: 39-017-0020

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 3350 Yankee Road, Middletown, OH

Latitude: 39.472436

Longitude: -84.394952



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

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

**Monitoring objective and spatial scale: Source oriented; Neighborhood (Middle scale for PM2.5)**

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	142	1:3	7/1/2011	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	753	Hourly	8/1/2011	<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	125	1:6	7/1/2011	<input checked="" type="checkbox"/>
SO <sub>2</sub>	<input checked="" type="checkbox"/>	100	Hourly	7/1/2011	<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input checked="" type="checkbox"/>	150	1:12	7/1/2011	<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes: Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM2.5 and PM10 FRM samplers after December 31, 2015.**

**Quality Assurance**

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

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

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**Site Name: MADE**

AQS Site ID: 39-017-0021

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 1491 Made Industrial Drive

Latitude: 39.46474

Longitude: -84.403593



**Site description:** This is a source-oriented site resulting from a settlement agreement. Site is operated by SWOAQA. Land use: mixed residential/agricultural/ industrial Location type: Suburban  
**Monitor type:** Industrial

**Monitoring objective and spatial scale:** Source oriented; Neighborhood

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input checked="" type="checkbox"/>	100	Hourly	6/1/2013	<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:**

**Quality Assurance**

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

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

**Southwest Ohio Air Quality Agency  
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**Site Name: BPG**

AQS Site ID: 39-017-0022

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 3214 Yankee Road

Latitude: 39.478686

Longitude: -84.397112



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

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

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	142	1:6	2/5/2015	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes: See next page for details of proposed changes.**

**Quality Assurance**

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

**Comments:**

## **Southwest Ohio Air Quality Agency 2015-2016 Annual Network Plan**

### **Additional details of proposed changes:**

Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM2.5 FRM sampler after December 31, 2015.

SWOAQA requests that a review of data collected from this site be completed after one year of operation to determine if the sample frequency should be modified. If data is not significantly different from other nearby sites of similar scale, SWOAQA will request to shut down monitor by the end of 2016.

**Southwest Ohio Air Quality Agency  
2015-2016 Annual Network Plan**

**Site Name: Batavia**

AQS Site ID: 39-025-0022

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 2400 Clermont Center Drive, Batavia

Latitude: 39.0828

Longitude: -84.14411



**Site description: Land Use: Residential; Location Type: Suburban. This is a SLAMS site.**

**Monitoring objective and spatial scale: Highest Concentration; Urban**

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	761	Hourly	4/1/2005	<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	87	Hourly	4/1/2001	<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:**

**Quality Assurance**

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

**Comments:** PM2.5 continuous monitor for AQI purposes.  
Meteorological data is collected at site (ambient temperature, wind speed and direction, and solar radiation) and quality assured with internal audits.

## Southwest Ohio Air Quality Agency 2015-2016 Annual Network Plan

**Site Name: Sycamore**

AQS Site ID: 39-061-0006

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 11590 Grooms Road, Cincinnati

Latitude: 39.278692

Longitude: -84.366251



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

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

### Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	120	1:3	1/1/2005	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	184	Hourly	4/1/2007	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	87	Hourly	6/1975	<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes: See next page for details of proposed changes.**

### Quality Assurance

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

**Comments:** Colocated PM<sub>2.5</sub> sampling: FRM primary 1:3, FEM collocated hourly, comparability study in progress.  
Meteorological data is collected at site (ambient temperature, humidity, pressure, wind speed and direction, and solar radiation) and quality assured with internal audits.

**Southwest Ohio Air Quality Agency  
2015-2016 Annual Network Plan**

**Additional details of proposed changes:**

Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM2.5 FRM sampler after December 31, 2015.

A Thermo SHARP 5030i FEM PM2.5 monitor was installed in January 2015. This is the first FEM for this method in the SWOAQA network. SWOAQA is requesting a PM2.5 NAAQS exclusion for this FEM monitor during the two year comparability study period which will end in January 2017. The NAAQS exclusion request has been made for this monitor in AQS and a memo officially requesting concurrence will be sent to USEPA Region 5.

**Southwest Ohio Air Quality Agency  
2015-2016 Annual Network Plan**

**Site Name: Colerain**

AQS Site ID: 39-061-0010

Agency: Hamilton County Department of Environmental Servie

Primary QA Org.: Hamilton County Department of Environmental Se

MSA: Cincinnati-Middletown

Address: 6950 Ripple Road, Cleves

Latitude: 39.214870

Longitude: -84.690859



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

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

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	142	1:3	7/1/2011	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	733	Hourly	7/1/2011	<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	87	Hourly	4/1/1978	<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input checked="" type="checkbox"/>	100	Hourly	2/22/2010	<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes: Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM2.5 FRM sampler after December 31, 2015.**

**Quality Assurance**

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

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

## Southwest Ohio Air Quality Agency 2015-2016 Annual Network Plan

**Site Name: Carthage**

AQS Site ID: 39-061-0014  
 Agency: Hamilton County Department of Environmental Service  
 Primary QA Org.: Hamilton County Department of Environmental Service  
 MSA: Cincinnati-Middletown  
 Address: Seymour & Vine, Cincinnati  
 Latitude: 39.194331  
 Longitude: -84.478974



**Site description:** Land Use: Industrial; Location Type: Suburban. This is a SLAMS site. There is a colocated PM<sub>2.5</sub> FRM sampler at this site. This is a rooftop sampling site that is adjacent to a railroad line (~40 m) and near I-75 (~200 m).

**Monitoring objective and spatial scale:** Monitoring Objective: PM<sub>2.5</sub> Population Exposure, PM<sub>10</sub> Highest Concentration; Spatial Scale: Neighborhood

### Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	120	1:3	1/1/1999	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	63	1:6	1/1/1988	<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input checked="" type="checkbox"/>	150	1:12	9/14/1989	<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:** Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM<sub>2.5</sub> FRM sampler after December 31, 2015.

### Quality Assurance

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

**Comments:** Colocated PM<sub>2.5</sub> FRM sampler, collection method 120, operating schedule 1:6.

## Southwest Ohio Air Quality Agency 2015-2016 Annual Network Plan

### Site Name: Taft

AQS Site ID: 39-061-0040

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 250 Wm. Howard Taft, Cincinnati

Latitude: 39.128841

Longitude: -84.504011



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

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

### Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	142	1:3	4/1/1999	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	184	Hourly	1/1/2001	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input checked="" type="checkbox"/>	SASS	1:3	4/1/1999	<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	87	Hourly	4/1/1999	<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	125	1:3	1/1/2011	<input checked="" type="checkbox"/>
PM <sub>10</sub> Continuous	<input checked="" type="checkbox"/>	79	Hourly	2/1/2001	<input type="checkbox"/>
SO <sub>2</sub> (trace)	<input checked="" type="checkbox"/>	592	Hourly	1/1/2011	<input type="checkbox"/>
NO <sub>2</sub>	<input checked="" type="checkbox"/>	99	Hourly	4/1/1999	<input type="checkbox"/>
CO (trace)	<input checked="" type="checkbox"/>	588	Hourly	1/1/2011	<input checked="" type="checkbox"/>
Pb	<input checked="" type="checkbox"/>	808	1:3	12/29/2011	<input checked="" type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NOy (trace)	<input checked="" type="checkbox"/>	691	hourly	2/1/2011	<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>	127	hourly	1/1/2011	<input type="checkbox"/>
PMcoarse	<input checked="" type="checkbox"/>	173	1:3	1/1/2011	<input type="checkbox"/>
Black Carbon	<input type="checkbox"/>				<input checked="" type="checkbox"/>

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

**Description of any proposed changes:** See next page for details of proposed changes.

### Quality Assurance

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

**Comments:** Colocated monitors include: PM<sub>2.5</sub> FRM, low-vol PM<sub>10</sub>, low-vol Pb, PMcoarse (method codes 142, 125, 808, and 173 respectively); 1:6 sampling schedule. Colocated PM<sub>2.5</sub> speciation monitor- URG; 1:3 sampling schedule. Met data is quality assured with independent audit and reported to AQS.

## Southwest Ohio Air Quality Agency 2015-2016 Annual Network Plan

### **Additional details of proposed changes:**

Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM2.5 and PM10 FRM samplers after December 31, 2015. Site ambient temperature and pressure will continue to be reported from the hourly meteorological equipment at NCore.

A Thermo SHARP 5030 FEM PM2.5 monitor was installed at NCore in March 2015. This is a new FEM method in SWOAQA's monitoring network. The collocation and comparability study began at Sycamore (39-061-0006) in January 2015. SWOAQA is also requesting a PM2.5 NAAQS exclusion for the FEM monitor at this site (39-061-0040) during the two year comparability study period, which will end in January 2017. The NAAQS exclusion request has been made for this monitor in AQS and a memo officially requesting concurrence will be sent to USEPA Region 5.

The trace CO analyzer will be changed from an Ecotech to an API model by the end of 2015. The method code will change to 593 as a result of this replacement.

Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA would like to discontinue lead analysis of the low-vol PM10 filters at NCore. Analysis results for the 2012 through 2014 certified data show lead at the Cincinnati NCore site is a small fraction of the lead NAAQS. The maximum 3-month average for lead at this site from 2012 through 2014 is 0.0055 ug/m<sup>3</sup>. SWOAQA requests to discontinue lead monitoring at NCore as of September 30, 2015.

SWOAQA plans to install an aethalometer to measure black carbon at NCore by January 2016.

**Southwest Ohio Air Quality Agency  
2015-2016 Annual Network Plan**

**Site Name: Lower Price Hill (LPH)**

AQS Site ID: 39-061-0042  
 Agency: Hamilton County Department of Environmental Service  
 Primary QA Org.: Hamilton County Department of Environmental Service  
 MSA: Cincinnati-Middletown  
 Address: 2101 W. 8th St., Cincinnati  
 Latitude: 39.10492  
 Longitude: -84.55117



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

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

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	142	1:3	10/3/2000	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:** Pending the finalization of the Ambient Monitoring Rule proposal, SWOAQA requests permission to stop reporting ambient temperature and pressure data collected by the PM<sub>2.5</sub> FRM sampler after December 31, 2015.

**Quality Assurance**

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

**Comments:**

**Southwest Ohio Air Quality Agency  
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**Site Name: Kibby Lane**

AQS Site ID: 39-061-0047

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 7529 Gracely Drive, Cincinnati

Latitude: 39.131635

Longitude: -84.707205



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

**Monitoring objective and spatial scale:** Population exposure; Neighborhood

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input checked="" type="checkbox"/>	150	1:6	8/19/2012	<input checked="" type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:** The consent decree which requires VOC ambient monitoring for this source will end soon. Sampling will no longer be required, but will continue on a reduced 1:12 sample schedule.

**Quality Assurance**

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

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

## Southwest Ohio Air Quality Agency 2015-2016 Annual Network Plan

**Site Name: Cinci Near Road**

AQS Site ID: 39-061-0048

Agency: Hamilton County Department of Environmental Servie

Primary QA Org.: Hamilton County Department of Environmental Se

MSA: Cincinnati-Middletown

Address: 3428 Colerain Ave, Cincinnati

Latitude: 39.146025

Longitude: -84.538375



**Site description:** This is the Cincinnati Near Road monitoring site. This is a SLAMS site for NO<sub>2</sub> and CO. **Land use:** Mobile **Location type:** Urban

**Monitoring objective and spatial scale:** Highest concentration; Microscale

### Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input checked="" type="checkbox"/>	99	Hourly	1/1/2014	<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	593	Hourly	8/1/2014	<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Black Carbon	<input checked="" type="checkbox"/>	894	Hourly	5/1/2015	<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:**

### Quality Assurance

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

**Comments:** Meteorological data will be collected at site (ambient temperature, barometric pressure, relative humidity, solar radiation, wind speed and direction) and quality assured with internal audits.

**Southwest Ohio Air Quality Agency  
2015-2016 Annual Network Plan**

**Site Name: Lockland**

AQS Site ID: 39-061-5001

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 101 N. Cooper Ave., Lockland

Latitude: 39.226729

Longitude: -84.453978



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

**Monitoring objective and spatial scale:** Population Exposure, Neighborhood

**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	63	1:6	7/1/1986	<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:**

**Quality Assurance**

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

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

## Southwest Ohio Air Quality Agency 2015-2016 Annual Network Plan

**Site Name: Lebanon**

AQS Site ID: 39-165-0007  
 Agency: Hamilton County Department of Environmental Service  
 Primary QA Org.: Hamilton County Department of Environmental Service  
 MSA: Cincinnati-Middletown  
 Address: 430 Southeast Street, Lebanon  
 Latitude: 39.42693  
 Longitude: -84.200633



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

**Monitoring objective and spatial scale: Highest Concentration; Urban**

### Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	733	Hourly	1/1/2007	<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	87	Hourly	5/14/2003	<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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

**Description of any proposed changes:**

### Quality Assurance

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

**Comments:** PM<sub>2.5</sub> continuous monitor for AQI purposes.  
 Meteorological data is collected at site (ambient temperature, wind speed and direction, and solar radiation) and quality assured with internal audits.