

AKRON LOCAL AIR AGENCY  
JURISDICTION MAP



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**Site Name: Medina**AQS Site ID: **39-103-0003**

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 6364 Deerview Lane, Lafayette Twp, Medina Cty.

Latitude: 41.1008

Longitude: -81.91168



**Site description:** This is a SLAMS monitoring site for O<sub>3</sub> and PM<sub>2.5</sub>. The site is located in a county owned park in Medina county. The site is considered an indicator of upwind concentrations for both pollutants as to what is advecting into the Akron area from the northwest. The location setting is rural and land use is agriculture/residential.

**Monitoring objective and spatial scale:** The site is considered monitoring for the local population. The spatial scale is urban for PM<sub>2.5</sub> and regional for ozone concentrations.

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**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	4/1/2005	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	760	Hourly	7/1/2005	<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"/>	100	Hourly	4/1/1993	<input checked="" 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:** The site is proposed to be discontinued in December 2010. The monitors will be moved to the Chippawa site (39-103-0004). US EPA ORD is currently operating the Chippawa site in conjunction with the Akron LAA as part of the CMAPS study.

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**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: CHIPPEWA**AQS Site ID: **39-103-0004**

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Cleveland-Elyria-Mentor

Address: Ballash Road, Lafayette Twp, Medina Cty.

Latitude: 41.0604

Longitude: -81.9239



**Site description:** This is a U.S. EPA monitoring site which is part of the CMAPS research project that is studying the background levels of criteria pollutants and air toxics advecting from the southwest into the Cleveland metropolitan area. It has more recently now being partially operated by the Akron Regional Air Quality Management District for many criteria pollutants as well as PM-coarse particulates. A full scale meteorological station is also operated at this rural location. Besides PM-coarse and meteorological data collected here, sampling also includes, ozone, sulfur dioxide, nitrogen dioxide and continuous PM<sub>2.5</sub> samples. The location setting is rural and land use is agricultural.

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

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**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"/>	177	1:1	9/1/2009	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	182	Hourly	9/1/2009	<input checked="" type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input checked="" type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	47	Hourly	9/1/2009	<input checked="" type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input checked="" type="checkbox"/>	60	Hourly	9/1/2009	<input checked="" type="checkbox"/>
NO <sub>2</sub>	<input checked="" type="checkbox"/>	74	Hourly	9/1/2009	<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"/>		NA		<input checked="" type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>			9/1/2009	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>	182		9/1/2009	<input checked="" type="checkbox"/>

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

**Description of any proposed changes:** The study period will end in August 2010. The Akron Regional Air Quality Management District will be relocating the monitors from Medina (39-103-0003) to this site beginning in 2011. The meteorology will be continuing, but all the USEPA monitors will be removed and replaced with Akron's monitors.

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

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 531 Washington Ave., Ravenna

Latitude: 41.16417

Longitude: -81.23500



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

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

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**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	1/30/1999	<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 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:**

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**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: Lake Rockwell**AQS Site ID: **39-133-1001**

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 531 Washington Ave., Ravenna

Latitude: 41.18246

Longitude: -81.33045



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

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

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**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"/>	100	Hourly	6/20/1978	<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:**

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**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: Met**AQS Site ID: **39-153-0014**

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 177 S. Broadway Street, Akron 44308

Latitude: 41.07917

Longitude: -81.5167



**Site description:** This is a wind speed and wind direction meteorological monitoring site. It was previously a PM monitoring site. The location setting is urban and center city and land use is commercial.

**Monitoring objective and spatial scale:** The site's monitoring objective is for center city meteorological data collection. The spatial scales is neighborhood.

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**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 type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>	Climatronics	Hourly	10/9/1975	<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:**

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

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 80 Britain Rd, Akron 44308

Latitude: 41.0633

Longitude: -81.468611



**Site description:** This is a SLAMS monitoring site for SO<sub>2</sub> and PM<sub>2.5</sub> in the parking lot of Akron East High school. Influencing industrial emissions sources are Goodyear Tire and Rubber located 1.6km to the southwest and RCA Rubber Co. located 0.9km to the east. The location setting is suburban and land use is industrial and residential.

**Monitoring objective and spatial scale:** The site's monitoring objective is determine typical PM<sub>2.5</sub> concentrations and highest concentrations for SO<sub>2</sub> for the adjacent neighborhoods.

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**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"/>	118	1:1	1/1/1999	<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	170	Hourly	2/8/2004	<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"/>	087	Hourly	10/1/1978	<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:**

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**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: Patterson Park**AQS Site ID: **39-153-0020**

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 800 Patterson Avenue, Akron 44310

Latitude: 41.106111

Longitude: -81.50389



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

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

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**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"/>	100	Hourly	5/2/1980	<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 checked="" type="checkbox"/>	93	Hourly	1/8/1980	<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<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:**

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**Quality Assurance**

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

**Comments:**

Site Name: **Broadway**

AQS Site ID: **39-153-0022**

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 177 S. Broadway, Akron 44308

Latitude: 41.08028

Longitude: -81.5164



**Site description:** This is a SLAMS 'street canyon' downtown monitoring site for CO and a center city site for SO<sub>2</sub>. It is located downtown along the Broadway corridor. The location setting is urban and center city and land use is commercial.

**Monitoring objective and spatial scale:** The site's monitoring objective is population based for CO along a major downtown street where there are tall buildings along the street. The spatial scale is micro-scale. The site is also a center city air monitoring site for SO<sub>2</sub>.

### 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	10/15/1993	<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>	93	Hourly	10/15/1993	<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:**

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**Site Name: 5 Points**AQS Site ID: **39-153-0023**

Agency: Akron Regional Air Pollution Control Agency

Primary QA Org.: Akron Regional Air Pollution Control Agency

MSA: Akron

Address: 642 W. Exchange St., Akron 44302

Latitude: 41.0881

Longitude: -81.541667



**Site description:** This is a SLAMS for PM<sub>2.5</sub>. Also located at this west side Akron site are PM<sub>2.5</sub> MetOne SASS speciation and a URG3000 carbon monitors. The location setting is suburban and land use is residential.

**Monitoring objective and spatial scale:** The site's monitoring objective is population based for PM<sub>2.5</sub>. The spatial scales is neighborhood.

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**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"/>	118	1:3	1/1/1999	<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input checked="" type="checkbox"/>	SASS	1:3	11/21/2001	<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 checked="" type="checkbox"/>	URG3000			<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:**

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**Quality Assurance**

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

**Comments:**