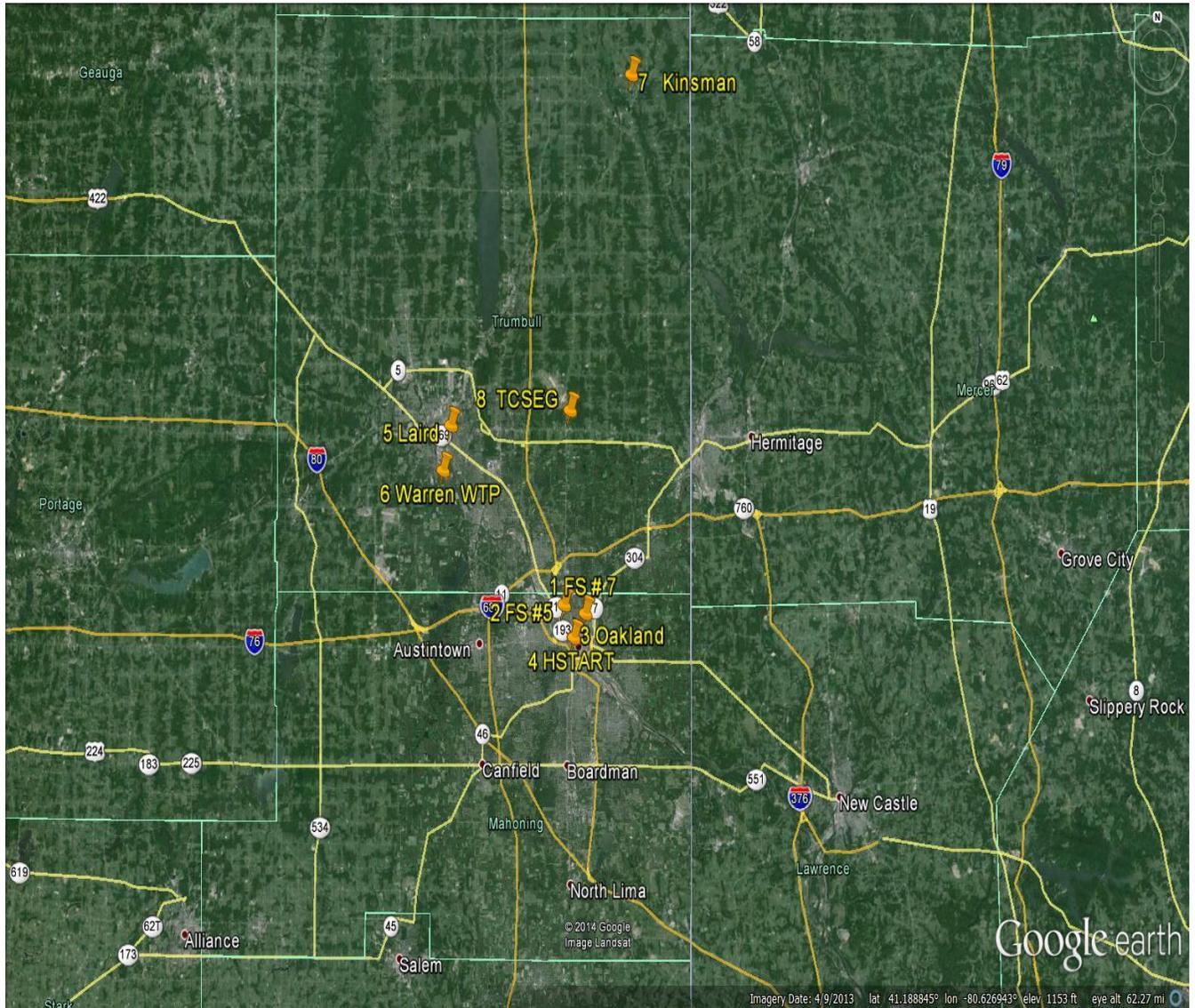


M-TAPCA LOCAL AIR AGENCY  
JURISDICTION MAP



## 2015 MTAPCA LAA/WARREN-YOUNGSTOWN AIR MONITORING SITES



Map/AQS #	Site Name	PM <sub>2.5</sub>	PM <sub>10</sub>	O <sub>3</sub>	SO <sub>2</sub>	CO	NO <sub>2</sub>	TOXICS	PM <sub>2.5</sub> CSPE	NCORE	Pb/metals
1. 39-099-0005	FS #7	x*	x								
2. 39-099-0006	FS # 5		x*								
3. 39-099-0013	Oakland			x	x						
4. 39-099-0014	HSTART	x							x		
5. 39-155-0005	Laird	x	x*								
6. 39-155-0006	Warrem WTP	x									
7. 39-155-0013	Kinsman			x							
8. 39-155-0011	TCSEG			x							

\*collocated monitor

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**Site Name: Fire Station No. 7**

AQS Site ID: 39-099-0005

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 145 Madison Avenue, Youngstown 44505

Latitude: 41.11111

Longitude: -80.645278



**Site description:** This is a SLAMS PM<sub>10</sub> and PM<sub>2.5</sub> ozone monitoring site located on the roof of Youngstown Fire Station No. 7. It is an inner city site located just north of downtown.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: neighborhood. Monitoring objective is to determine compliance with the PM<sub>2.5</sub> and PM<sub>10</sub> NAAQS.

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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"/>	142	1:6	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 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"/>	063	1:6	12/21/1988	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

**Description of any proposed changes:**

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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:** A collocated FRM PM<sub>2.5</sub> monitor is located here.

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**Site Name: Fire Station No. 5**AQS Site ID: **39-099-0006**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 1524 Oakland Avenue, Youngstown 44510

Latitude: 41.11667

Longitude: -80.66972



**Site description:** This is a SLAMS PM<sub>10</sub> monitoring site located in a former industrial area. Some remnant of industry remains. It is located northwest of downtown and is part of inner city Youngstown. Location setting is urban and land use is industrial.

**Monitoring objective and spatial scale:** Monitoring Objective: Population exposure; Spatial Scale: 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 checked="" type="checkbox"/>	063	1:6	10/4/1985	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

**Description of any proposed changes:**

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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:** A collocated PM<sub>10</sub> monitor is sited here.

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**Site Name: Oakhill**AQS Site ID: **39-099-0013**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 345 Oakhill Avenue, Youngstown 44502

Latitude: 41.096142

Longitude: -80.658903



**Site description:** This is a SLAMS SO<sub>2</sub> and Ozone monitoring site located at the property of the Mahoning-Trumbull Air Pollution Control Agency. The site is located just SW of I-680 and downtown Youngstown. The location setting is urban and land use is neighborhood.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: Neighborhood. Monitoring objective is general background coming from the South and SouthWest areas of Youngstown and to determine compliance with the SO<sub>2</sub> and ozone NAAQS.

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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"/>	087	Hourly	1/1/2000	<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input checked="" type="checkbox"/>	061	Hourly	1/1/2000	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

**Description of any proposed changes:** .

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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: Head Start**AQS Site ID: **39-099-0014**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 345 Oakhill Avenue, Youngstown 44502

Latitude: 41.095938

Longitude: -80.6585167



**Site description:** This is a SLAMS PM<sub>2.5</sub> site and is a location for a PM<sub>2.5</sub> chemical speciation monitor. The site is located on the roof of Youngstown's Head start building and is just across the entrance road from the MTAPCA offices and Youngstown's site, 39-099-0013. The location setting is urban. Land use is neighborhood.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: Neighborhood. Monitoring objective is to determine compliance with the PM<sub>2.5</sub> NAAQS..

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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"/>	142	1:3	10/5/2002	<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	701	Hourly	10/1/2002	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Carbon Spec.	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

**Description of any proposed changes:**

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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:** Two PM<sub>2.5</sub> BGI PQ200 monitors operate here that sample every six days on alternate scheduled sample days to collected the primary data record for the site.

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**Site Name: Laird**AQS Site ID: **39-155-0005**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 540 Laird Avenue, Warren 44484

Latitude: 41.231167

Longitude: -80.801914



**Site description:** This is a SLAMS PM<sub>2.5</sub> and PM<sub>10</sub> site located on a roof of the Warren Water Dept. It monitors the downwind transport of PM emissions from a major steel plant.. Location setting is urban and land use is neighborhood.

**Monitoring objective and spatial scale:** Monitoring Objective: population exposure; Spatial Scale: middle scale/neighborhood. Monitoring objective is to determine compliance with the PM NAAQS.

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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"/>	142	1:3	1/1/2010	<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	701	Hourly	1/1/2010	<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"/>	062	1:6	12/5/1988	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

**Description of any proposed changes:**

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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:** A collocated PM<sub>10</sub> sampler is located here. This site in the summer of 2015 will be relocated to another building at the current property or to a location nearby.

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**Site Name: Warren WTP**AQS Site ID: **39-155-0006**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 2323 Main Street, Warren 44484

Latitude: 41.202237

Longitude: -80.810644



**Site description:** This is a SLAMS PM<sub>10</sub> monitoring site located on the roof of the Warren Water Pollution Control Center just south of Warren. It monitors a coke plant and operations located just to the west and southwest. Location setting is rural and land use is industrial.

**Monitoring objective and spatial scale:** Monitoring Objective: Highest concentration. Spatial Scale: Neighborhood. Monitoring objective is to determine compliance with the PM<sub>10</sub> NAAQS.

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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 checked="" type="checkbox"/>	062	1:6	1/1/1991	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

**Description of any proposed changes:**

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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: Kinsman**AQS Site ID: **39-155-0013**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: monitor not located in a MSA

Address: 6380 Kinsman-Bloomfield Rd., SR 87, Kinsman 44428

Latitude: 41.45465

Longitude: -80.58841



**Site description:** This is a SLAMS ozone monitoring site located 20 miles northeast of the Warren-Youngstown MSA. The monitor is at the Kinsman township maintenance building. It samples ozone concentrations from the MSAs in NE Ohio and is an Ohio-PA border site. Location setting is rural and land use is agriculture.

**Monitoring objective and spatial scale:** Monitoring Objective: Highest concentration. Spatial Scale: Urban Monitoring objective is to determine compliance with the ozone NAAQS..

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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"/>	087	Hourly	4/1/2015	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

**Description of any proposed changes:**

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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:** This site was formerly located next door (39-155-0009, that began sampling in 1992) was moved here and started April 1, 2015.

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**Site Name: TCSEG**AQS Site ID: **39-155-0011**

Agency: Mahoning-Trumbull Air Pollution Control Agency

Primary QA Org.: Mahoning-Trumbull Air Pollution Control Agency

MSA: Youngstown-Warren-Boardman

Address: 842 Youngstown-Kingsville Rd., Vienna 44473

Latitude: 41.240537

Longitude: -80.662759



**Site description:** This is a SLAMS ozone monitoring site located east of Warren and north of Youngstown. The monitor is at the Trumbull County Sanitary Engineers Bldg. It also samples ozone concentrations from the MSAs in NE Ohio and is an Ohio-PA border site. Location setting is rural and land use is residential.

**Monitoring objective and spatial scale:** Monitoring Objective: Regional transport. Spatial Scale: Urban. Monitoring objective is to determine compliance with the ozone NAAQS. .

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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"/>	087	Hourly	4/1/2002	<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"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

**Description of any proposed changes:**

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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:**