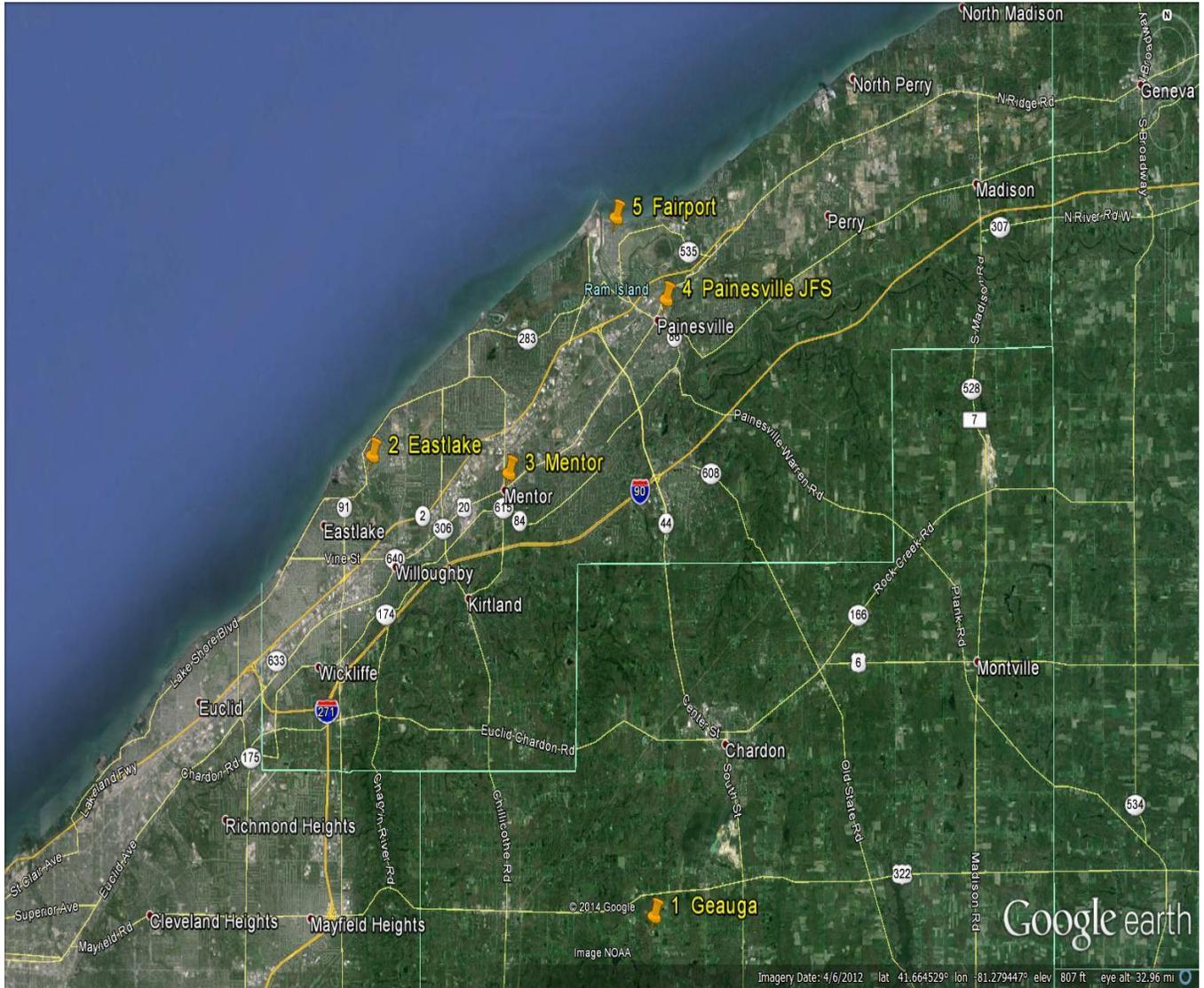


LAKE COUNTY GENERAL HEALTH DISTRICT  
JURISDICTION MAP



## 2015 LAKE LOCAL AIR AGENCY MONITORING SITES



Map/AQS #	NAME	PM <sub>2.5</sub>	PM <sub>10</sub>	Ozone	SO <sub>2</sub>	CO	NO <sub>2</sub>	TOXICS	PM <sub>2.5</sub> CSPEC	Pb/Metals
1. 39-055-0004	<b>Geauga</b>			X						
2. 39-085-0003	<b>Eastlake</b>			X	X					
3. 39-085-0006	<b>Mentor</b>					X				
4. 39-085-0007	<b>Painesville JFS</b>	x*		X	X					
5. 39-085-1001	<b>Fairport</b>		x*							

x\* collocated monitor

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**Site Name: Notre Dame**AQS Site ID: **39-055-0004**

Agency: Lake County Health Department Division Air Polluti

Primary QA Org.: Lake County Health Department Division Air Pol

MSA: Cleveland-Elyria-Mentor

Address: 13000 Auburn Rn, Notre Dame HS, Munson 44024

Latitude: 41.515

Longitude: -81.2499



**Site description:** This is a SLAMS monitoring site for O3. The site is considered a maximum downwind site for the measurement of ozone emanating from the Cleveland metropolitan area. The monitor probe is located on the roof of a school building in a very rural area on the western edge of Geauga county. The terrain is one of the highest points just SE of Cleveland.

**Monitoring objective and spatial scale:** The site is considered regional oriented monitoring for the Cleveland MSA. The spatial scale is urban and location setting is rural.

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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	4/1/1997	<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	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: Eastlake**AQS Site ID: **39-085-0003**

Agency: Lake County Health Department Division Air Polluti

Primary QA Org.: Lake County Health Department Division Air Pol

MSA: Cleveland-Elyria-Mentor

Address: 35980 Lakeshore Blvd., Eastlake 44095

Latitude: 41.673

Longitude: -81.422455



**Site description:** This is a SLAMS site located to monitor a CEI power plant situated several miles to the NW. Otherwise it is a neighborhood scale site and monitors SO<sub>2</sub> and ozone.

**Monitoring objective and spatial scale:** Highest concentration and neighborhood scale.

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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	06/11/1985	<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	01/01/1985	<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	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: Consumer Tire**AQS Site ID: **39-085-0006**

Agency: Lake County Health Department Division Air Polluti

Primary QA Org.: Lake County Health Department Division Air Pol

MSA: Cleveland-Elyria-Mentor

Address: 8443 Mentor Avenue, Mentor 44060

Latitude: 41.6669

Longitude: -81.338781



**Site description:** This is a SLAMS carbon monoxide microscale monitoring. The sampling probe site extends out over a sidewalk in front of the Consumer Tire store in Mentor and is a few meters from a major thoroughfare, State Route 20. The primary purpose is measurement of CO at a major roadway and near the intersection of two major streets in Lake county.

**Monitoring objective and spatial scale:** The site is considered source oriented monitoring for the local population. The spatial scale is microscale and location setting is suburban.

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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 checked="" type="checkbox"/>	051	Hourly	8/26/1992	<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Other	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>

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

**Description of any proposed changes:**

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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: JFS Painesville**AQS Site ID: **39-085-0007**

Agency: Lake County Health Department Division Air Polluti

Primary QA Org.: Lake County Health Department Division Air Pol

MSA: Cleveland-Elyria-Mentor

Address: 177 Main Street, Painesville 44077

Latitude: 41.7268

Longitude: -81.2421



**Site description:** This is a SLAMS monitoring site for O<sub>3</sub>, SO<sub>2</sub>, and PM<sub>2.5</sub>. The site is considered a maximum ozone downwind site for the measurement of ozone emanating from the Cleveland metropolitan area and for the inflow of ozone concentrations coming in off Lake Erie at night. The monitor probe is located on the roof of a downtown city building.

**Monitoring objective and spatial scale:** The site is considered regional oriented monitoring for the Cleveland MSA. The spatial scale is urban and location setting is rural.

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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	1/1/2009	<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	760	Hourly	1/1/2009	<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	1/1/2009	<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	1/1/2009	<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	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>2.5</sub> FRM monitor samples every sixth day at this site.

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**Site Name: Fairport Harbor**AQS Site ID: **39-085-1001**

Agency: Lake County Health Department Division Air Polluti

Primary QA Org.: Lake County Health Department Division Air Pol

MSA: Cleveland-Elyria-Mentor

Address: 325 Vine Street, Fairport 44077

Latitude: 41.755

Longitude: -81.273056



**Site description:** This is a SLAMS PM10 site. The PM10 samplers are located on the roof of the Fairport Harbor High School. It is an industrial source monitoring.

**Monitoring objective and spatial scale:** The site is considered population oriented monitoring. The spatial scale is neighborhood and location setting urban and center city.

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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	1/10/1989	<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	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 PM10 monitor is located at this site.