

## Site Name: Firestation #8

AQS Site ID: 39-151-0017

Agency: Canton City Health Department Air Pollution Control

Primary QA Org.: Northeast Ohio PQAO

MSA: Canton-Massillon

Address: 1330 Dueber Ave. SW Canton 44706

Latitude: 40.78689

Longitude: -81.39419



**Site description:** This is a source oriented SLAMS FRM PM<sub>2.5</sub> site located near the Canton Timken plant in SW Canton. The instruments are located on the roof of Canton's Firestation House No. 8. The site has also a PM<sub>2.5</sub> chemical speciation monitor and a elemental carbon URG monitor. This is a suburban location setting and the land use is considered industrial/residential.

**Monitoring objective and spatial scale:** Monitoring Objective: Population Exposure; Spatial Scale: Neighborhood. To determine compliance with and/or progress made toward meeting ambient air quality standards and to determine speciation components of PM<sub>2.5</sub> concentrations.

## 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	1/3/1999	<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	1:6	7/30/2001	<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/Metals	<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 checked="" type="checkbox"/>	carbon URG	1:6	11/16/2009	<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:

## Quality Assurance

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

**Comments:** Collocated FRM PM<sub>2.5</sub> monitor samples every sixth day.