
Site Name: Firestation #8

AQS Site ID: 39-151-0017

Agency: Canton City Health Dept., Air Pollution Control

Primary QA Org.: NE PQAO MSA: Canton-Massillon

Address: 1330 Dueber Ave., S.W., Canton 44706

Latitude: 40.786896 Longitude: -81.394153

Location Type: Suburban

Land Use: Industrial



Site description: This is a source oriented FRM PM_{2.5} 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_{2.5} chemical speciation monitor and a carbon speciation monitor. This is a suburban location setting and the land use is considered industrial/residential.

Monitoring Objective: PM_{2.5}-Highest concentration; PM_{2.5} Speciaiton-Population exposure. Also, to determine compliance with and/or progress made toward meeting ambient PM_{2.5} air quality standards.

Spatial scale: Neighborhood- An area with dimensions in the 0.5 to 4.0 kilometer range with relatively uniform land use.

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Purpose	Operating Schedule	Monitor Start Date	Co-located	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	SLAMS	1:3	1/3/1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PM _{2.5} Continuous	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	811	CSN	1:6	7/30/2001	<input type="checkbox"/>	<input type="checkbox"/>
O ₃	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
SO ₂	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
NO ₂	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
NCORE	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
Meteorology	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
Carbon Speciation	<input checked="" type="checkbox"/>	838	CSN	1:6	11/16/2009	<input type="checkbox"/>	<input type="checkbox"/>
Other(AQI)	<input type="checkbox"/>	NA	NA	NA		<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: <https://www.epa.gov/amtic/air-monitoring-methods-criteria-pollutants>

Description of any proposed changes:

Quality Assurance

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

Comments: