
Site Name: CantonAQS Site ID: **39-151-0020**

Agency: Canton City Health Dept., Air Pollution Control

Primary QA Org.: NE PQA0 MSA: Canton-Massillon

Address: 420 Market Avenue N. Canton 44702

Latitude: 40.800773 Longitude: -81.373032

Location Type: Urban and Center city

Land Use: Commercial



Site description: This is a center city population oriented FRM PM_{2.5} and Carbon Monoxide site located in downtown Canton. This site has FRM PM_{2.5} and continuous PM_{2.5} monitors located on the roof of the Canton Health Dept. There is also a street canyon CO monitor situated on the second floor of the building. The land use is considered both commercial and mobile.

Monitoring Objective: Population exposure and to determine compliance with and/or progress made toward meeting ambient Co and PM_{2.5} air quality standards.

Spatial scale: CO; Middle scale- Uniform pollutant concentrations in an area of about 100 meters to 0.5 kilometers. PM_{2.5}; 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 type="checkbox"/>	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	184	SLAMS	Hourly	1/19/2002	<input type="checkbox"/>	<input type="checkbox"/>
PM _{2.5} Speciation	<input type="checkbox"/>	NA	NA	NA		<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 checked="" type="checkbox"/>	054	SLAMS	Hourly	1/27/1993	<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"/>
PAMS	<input type="checkbox"/>	NA	NA	NA		<input type="checkbox"/>	<input type="checkbox"/>
Other(AQI)	<input checked="" 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 recent changes: A two-year data comparability study is being conducted to determine how well 24-hour averages from the FEM continuous PM_{2.5} instrument compares with the FRM filter base PM_{2.5} instrument.

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: