

Southwest Ohio Air Quality Agency 2013-2014 Annual Network Plan

Site Name: Taft

AQS Site ID: **39-061-0040**
 Agency: Hamilton County Department of Environmental Service
 Primary QA Org.: Hamilton County Department of Environmental S
 MSA: Cincinnati-Middletown
 Address: 250 Wm. Howard Taft, Cincinnati
 Latitude: 39.128841
 Longitude: -84.504011



Site description: This is an urban NCore and SLAMS site at the agency office. **Land Use:** Residential, **Location type:** Urban. There are several colocated samplers at this site, see comments below.

Monitoring objective and spatial scale: Monitoring Objective: Population Exposure; Spatial Scale: Neighborhood

Ambient Air Quality Monitors

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM _{2.5} FRM	<input checked="" type="checkbox"/>	142	1:3	4/1/1999	<input type="checkbox"/>
PM _{2.5} Continuous	<input checked="" type="checkbox"/>	170	Hourly	1/1/2001	<input checked="" type="checkbox"/>
PM _{2.5} Speciation	<input checked="" type="checkbox"/>	SASS	1:3	4/1/1999	<input type="checkbox"/>
O ₃	<input checked="" type="checkbox"/>	87	Hourly	4/1/1999	<input type="checkbox"/>
PM ₁₀	<input checked="" type="checkbox"/>	125	1:3	1/1/2011	<input type="checkbox"/>
PM ₁₀ Continuous	<input checked="" type="checkbox"/>	79	Hourly	2/1/2001	<input type="checkbox"/>
SO ₂ (trace)	<input checked="" type="checkbox"/>	592	Hourly	1/1/2011	<input type="checkbox"/>
NO ₂	<input checked="" type="checkbox"/>	99	Hourly	4/1/1999	<input type="checkbox"/>
CO (trace)	<input checked="" type="checkbox"/>	588	Hourly	1/1/2011	<input type="checkbox"/>
Pb	<input checked="" type="checkbox"/>	808	1:3	12/29/2011	<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO _y (trace)	<input checked="" type="checkbox"/>	590	hourly	2/1/2011	<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input checked="" type="checkbox"/>	127	hourly	1/1/2011	<input type="checkbox"/>
PMcoarse	<input checked="" type="checkbox"/>	173	1:3	1/1/2011	<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: Request will be submitted to exclude the continuous PM2.5 FEM data from NAAQS compliance determination due to poor FRM comparability.

Quality Assurance

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

Comments: Colocated PM2.5 FRM, low-vol PM10, low-vol Pb, PMcoarse; method codes 142,125, 808, and 173 respectively; 1:6 sampling schedule. Colocated PM2.5 speciation monitor- URG; 1:3 sampling schedule. PM2.5 continuous FEM. Met data is quality assured with independent audit.