

Southwest Ohio Air Quality Agency 2013-2014 Annual Network Plan

Site Name: Lebanon

AQS Site ID: **39-165-0007**

Agency: Hamilton County Department of Environmental Service

Primary QA Org.: Hamilton County Department of Environmental Service

MSA: Cincinnati-Middletown

Address: 430 Southeast Street, Lebanon

Latitude: 39.42693

Longitude: -84.200633



Site description: Residential Land Use, SLAMS, Area Source, Suburban

Monitoring objective and spatial scale: Highest Concentration; Urban

Ambient Air Quality Monitors

| Parameter | Currently Operating | Collection Method | Operating Schedule | Monitor Start Date | Proposed Change |
|------------------------------|-------------------------------------|-------------------|--------------------|--------------------|--------------------------|
| PM _{2.5} FRM | <input type="checkbox"/> | NA | NA | | <input type="checkbox"/> |
| PM _{2.5} Continuous | <input checked="" type="checkbox"/> | 731 | Hourly | 1/1/2007 | <input type="checkbox"/> |
| PM _{2.5} Speciation | <input type="checkbox"/> | NA | NA | | <input type="checkbox"/> |
| O ₃ | <input checked="" type="checkbox"/> | 87 | Hourly | 5/14/2003 | <input type="checkbox"/> |
| PM ₁₀ | <input type="checkbox"/> | NA | NA | | <input type="checkbox"/> |
| SO ₂ | <input type="checkbox"/> | NA | NA | | <input type="checkbox"/> |
| NO ₂ | <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 | | <input type="checkbox"/> |
| Meteorology | <input checked="" type="checkbox"/> | | | | <input type="checkbox"/> |
| Other | <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: (<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: PM_{2.5} continuous monitor for AQI purposes.
Meteorological data is collected at site (ambient temperature, wind speed and direction, and solar radiation) and quality assured with internal audits.