



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

OCT - 2 2019

REPLY TO THE ATTENTION OF

Ms. Gail Good
Director, Bureau of Air Management
Wisconsin Department of Natural Resources
P.O. Box 7921
Madison, Wisconsin 53707-7921

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Dear Ms. Good:

The U.S. Environmental Protection Agency has reviewed the Wisconsin Department of Natural Resources' (WDNR) 2020 Annual Air Monitoring Network Plan (ANP) and approves WDNR's plan and proposed changes, except for the shutdown and relocation of O₃, NO₂, and SO₂ monitors operated at the WDNR Southeast Regional (SER) monitoring site (55-079-0026). The shutdown of these monitors is contingent on the approval of an alternative monitoring site (or sites) by EPA. The monitoring site(s) for these three pollutants must satisfy the network design requirements in 40 CFR 58, Appendix D.

EPA evaluated the plan and appendices, as well as information about monitoring sites submitted to the Air Quality System database. EPA confirmed that WDNR's ANP documents its commitment to maintain and operate its air quality surveillance system, includes evidence that each monitor meets the requirements of appendices A, B, C, D, and E of 40 CFR Part 58, and was available for public comment for at least 30 days prior to submittal to EPA.

EPA acknowledges and approves the following specific modifications included in WDNR's ANP, and we recognize some of these changes will be implemented before December 31, 2019.

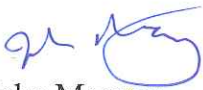
- Continued PM_{2.5} and PM₁₀ method changes to streamline the network
WDNR proposes to phase in new instrumentation, constituting a method change, for several BAM and filter-based PM_{2.5} and PM₁₀ monitors, while meeting collocation requirements. Specifically, WDNR will:
 - replace continuous BAMs with continuous Teledyne API T640 monitors at Green Bay East High (55-009-0005) and Milwaukee Sixteenth Street Health Center (55-079-0010);
 - shut down the collocated FRM at Milwaukee Sixteenth Street Health Center (55-079-0010) once the method change to T640 is completed; and
 - replace BAM with Teledyne API T640x monitor at Devils Lake (55-111-0007).
- Transfer operation of Expera-Kaukauna SO₂ monitor to WDNR
State statute requires WDNR to operate the Expera-Kaukauna – SO₂ (55-087-0015) monitor established as a result of the Data Requirements Rule beginning on January 1, 2020, once the monitor has collected three years of data.

- Shutdown of several monitors at the WDNR SER site (39-079-0026)
EPA understands that all monitors located at the SER DNR site must be removed in 2020 due to a building demolition. Through a separate approval process, EPA approved the relocation of the speciation trends network/chemical speciation network monitor to the Sixteenth Street Health Center site on June 27, 2019. EPA approves the discontinuation of the PM_{2.5} and PM₁₀ monitors. Shutdown of O₃, NO₂, and SO₂ monitors is contingent on the approval of an alternative monitoring site(s) that fulfill network design requirements in 40 CFR Part 58, Appendix D.
- Relocation of the Racine ozone monitoring site (55-101-0020)
WDNR proposes to relocate the Racine ozone monitor after the 2019 ozone season (no earlier than October 16, 2019) to a site about 1200 feet north of its current location.
- Discontinuation of the PM_{2.5} and PM₁₀ monitors at the Milwaukee College Avenue Park and Ride (55-079-0058)
As part of the PM_{2.5} streamlining effort, WDNR proposes to discontinue the PM_{2.5} continuous monitor at the Milwaukee College Avenue Park and Ride site. The PM₁₀ monitor and PM_{2.5} monitor have met the discontinuation requirements of 40 CFR Part 58.14(c).

If WDNR determines that changes to your monitoring network are needed due to unplanned circumstances or revisions to the federal ambient monitoring and quality assurance requirements, the modifications must be reviewed and approved by EPA.

EPA appreciates your partnership in conducting ambient air monitoring. If you have any questions or comments regarding this network review, please contact Michael Compher, Air Monitoring and Analysis Section Chief, at (312) 886-5745.

Sincerely,



John Mooney
Acting Director
Air and Radiation Division