



2026 Minnesota Air Monitoring Network Plan

June 2025

Federal Regulation

40 CFR § 58.10 Annual monitoring network plan and periodic network assessment.

(a)(1) Beginning July 1, 2007, the state, or where applicable local, agency shall submit to the Regional Administrator an annual monitoring network plan which shall provide for the documentation of the establishment and maintenance of an air quality surveillance system that consists of a network of SLAMS monitoring stations that can include FRM, FEM, and ARM monitors that are part of SLAMS, NCore, CSN, PAMS, and SPM stations. The plan shall include a statement of whether the operation of each monitor meets the requirements of appendices A, B, C, D, and E of this part, where applicable. The Regional Administrator may require additional information in support of this statement. The annual monitoring network plan must be made available for public inspection and comment for at least 30 days prior to submission to the EPA and the submitted plan shall include and address, as appropriate, any received comments.

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This report is available in alternative formats upon request, and online at www.pca.state.mn.us.

Introduction

The Minnesota Air Monitoring Network Plan is an annual report required under the Code of Federal Regulations [40 CFR § 58.10(a)(1)]. The purpose of this plan is to provide evidence that the Minnesota Pollution Control Agency (MPCA) air monitoring network meets current federal monitoring requirements, to detail any changes proposed for the 18 months following publication, to provide specific information on each of the MPCA's existing and proposed monitoring sites, and to provide the opportunity for the public to comment on air monitoring activities conducted by the MPCA. The plan also includes information on known industrial monitoring activities and other air monitoring projects occurring in the state.

The 2026 Minnesota Air Monitoring Network Plan consists of five parts and two attachments. Each part or attachment is described below:

Contents

2025 Network overview

The ambient monitoring overview for 2025 includes information on site selection, quality assurance, types of air monitoring networks, criteria pollutants, AQI, air toxics, and other ambient air monitoring activities. The overview also includes information on known industrial monitoring activities and other air monitoring projects occurring in the state.

2025 Site descriptions

This document describes every Minnesota Pollution Control Agency (MPCA) Air Quality Monitoring Site. Each page is a fact sheet for an ambient air monitoring site that includes parameters measured, maps, and monitoring objectives.

2024 Minimum monitoring requirements and monitor classifications

The purpose of this portion of the plan is to provide evidence that the MPCA air monitoring network meets current federal monitoring requirements. It provides specific information on each of the MPCA's criteria pollutant monitors.

2024 Annual Ambient Air Monitoring Data Report

A summary of our most recent ambient air monitoring results. The report includes an analysis of how Minnesota data compares to air quality standards and health benchmarks, Air Quality Index (AQI) results summaries, and an analysis of our progress towards visibility goals.

2026 Network planning and public comments

This portion of the plan includes details on which parameters are measured at each location and the equipment used. It details changes made in the previous year and any changes proposed for the 18 months following publication. It also includes a summary of any public comments regarding air monitoring activities conducted by the MPCA that we receive during the public comment period.

Attachments

Minnesota-Wisconsin Memorandum of Agreement for Criteria Pollutants

Memorandum of Agreement of Air Quality Monitoring for Criteria Pollutant for the following Metropolitan Statistical Areas (MSA): Minneapolis-St. Paul-Bloomington, MN-WI, Duluth, MN-WI, and La Crosse, WI-MN.

2025 5-Year Monitoring Network Assessment for the Region 5 States: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin

A regional assessment of air quality monitoring for criteria pollutants that provides the state and local networks with information on (1) whether their networks still meet the monitoring objectives, (2) whether new sites are needed, (3) whether existing sites are no longer needed, and (4) whether new technologies are appropriate for incorporating into the network.