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# Draft 2027 Minnesota Air Monitoring Network Plan

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## 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](http://www.pca.state.mn.us).

# Introduction

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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 2027 Minnesota Air Monitoring Network Plan consists of five parts and one attachment. Each part or attachment is described below:

## Contents

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### 2026 Network overview

The ambient monitoring overview for 2026 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 industrial monitoring activities and other air monitoring projects occurring in the state.

### 2026 Site descriptions

This document describes each ambient air monitoring site in Minnesota. Each page is a fact sheet for an ambient air monitoring site that includes parameters measured, maps, and monitoring objectives.

### Minimum monitoring requirements and 2026 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.

### 2025 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.

### 2027 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

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## **Wildfire impacts fine particulate in Minnesota's ambient air**

For the first time in over a decade, fine particulate concentrations, also known as PM<sub>2.5</sub>, exceeded the National Ambient Air Quality Standards at six sites across Minnesota. This attachment addresses these exceedances with an exploration of how Canadian wildfire smoke accounted for the majority of those concentrations.