

Blaine – Anoka County Airport (NCore)

Site information:

AQS Site ID: **27-003-1002**
 Address: **2289 Co Rd J**
 City: **Blaine**
 County: **Anoka**
 Location Setting: **Suburban**

Latitude: **45.1407**
 Longitude: **-93.2220**
 Elevation: **280 m**
 Year Established: **1979**
 MPCA Site ID: **6010**

Monitoring parameters:

PM _{2.5} FRM	PM _{2.5} Continuous	PM _{2.5} Speciation*	PM ₁₀ Continuous	PM _{10-2.5}	TSP/Metals ^{PL}	VOCs	Carbonyls	Carbon Monoxide	Ozone	SO ₂	NO _x ^t	Meteorological Data	Other**
1/3	E	E	E	E	E	E	E	E	E	E	E	E	E

E = Existing, A = Proposed to Add, T = Proposed to Terminate
 Sampling Frequency: 1/1 = Everyday, 1/3 = 1-in-3 day, 1/6 = 1-in-6 day

*CSN

^tTrace level NO_x, NO_y, SO₂ and CO

^{PL}Population-oriented



Site description:

This monitoring site is located at the Anoka County Airport in Blaine, approximately 12 miles northwest of St. Paul. The Anoka County Airport is characterized as a reliever airport in the metropolitan air traffic system and has a low traffic volume with no commercial service. The area surrounding the airport contains a mix of residential, office parks, commercial, light industrial, and recreational use.

Monitoring objectives:

- Demonstrate compliance with PM_{2.5}, PM₁₀, Pb, CO, ozone, SO₂, and NO₂ NAAQS.
- Support AQI reporting and forecasting for PM_{2.5}, ozone, and SO₂.
- Characterize air toxics (VOCs, carbonyls, and metals).
- Characterize PM_{2.5} chemical composition.

Planned changes:

Implement Photochemical Assessment Monitoring Stations (PAMS) program in June 2021.