

Rochester – Ben Franklin School

Site information:

AQS Site ID: **27-109-5008**
MPCA Site ID: **5008**
Address: **1801 9th Ave SE**
City: **Rochester**
County: **Olmsted**

Location Setting: **Suburban**
Latitude: **43.9949**
Longitude: **-92.4504**
Elevation: **400 m**
Year Established: **1997**

Monitoring parameters:

PM _{2.5} FRM	PM _{2.5} Continuous FEM	PM _{2.5} Speciation	PM ₁₀	TSP/Metals	VOCs	Carbonyls	Carbon Monoxide	Ozone	SO ₂	NO _x	Meteorological Data	Other
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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



Site description:

This monitoring site is located on the roof of the Ben Franklin Elementary School in southeast Rochester. The school is located in a residential neighborhood approximately two miles south of the central business district. Some commercial and light industrial activity is located to the south and west of the site. This location provides air quality data representative of suburban neighborhoods, which are dominated by residential land use.

Monitoring objectives:

- Demonstrate compliance with PM_{2.5}, ozone, and SO₂ NAAQS.
- Support AQI reporting and forecasting for PM_{2.5} and ozone.

Planned changes:

None