

St. Paul – Harding High School

Site information:

AQS Site ID: **27-123-0871**
MPCA Site ID: **871**
Address: **1540 East 6th St**
City: **St. Paul**
County: **Ramsey**

Location Setting: **Urban**
Latitude: **44.9593**
Longitude: **-93.0359**
Elevation: **296 m**
Year Established: **1998**

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 |
|-------------------------|------------------------------------|------------------------------|------------------|------------|------|-----------|-----------------|-------|-----------------|-----------------|---------------------|-------|
| 1/3 | E | | | 1/6 | 1/6 | 1/6 | | | | | | |

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

*Collocated



Site description:

This monitoring site is located on the roof of Harding High School on the east side of St. Paul. The surrounding area is predominantly residential neighborhoods, with some commercial and retail activity. This location provides air quality data representative of urban neighborhoods, which are dominated by residential land use.

Monitoring objectives:

- Demonstrate compliance with PM_{2.5} NAAQS.
- Support AQI reporting and forecasting for PM_{2.5}.
- Demonstrate compliance with TSP MAAQS.
- Characterize air toxics (VOCs, carbonyls, and metals).

Planned changes:

None