Minneapolis – Near Road I-35/I-94

Site information:

AQS Site ID: **27-053-0962**
MPCA Site ID: **962**
Address: **1444 18th St E**
City: **Minneapolis**
County: **Hennepin**

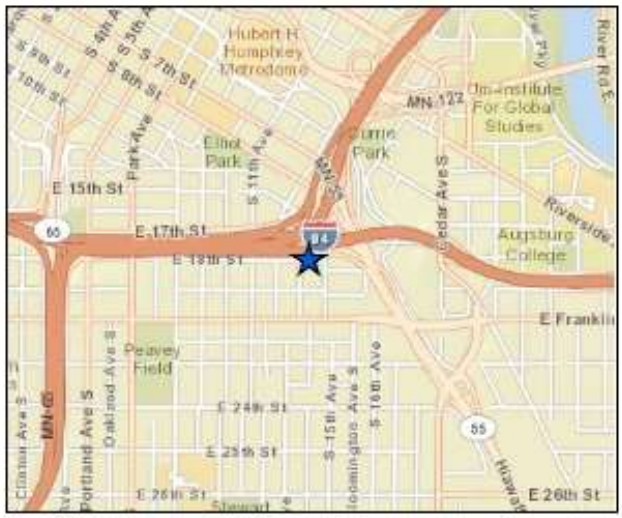
Location Setting: **Urban**
Latitude: **44.9652**
Longitude: **-93.2548**
Elevation: **259 m**
Year Established: **2013**

Monitoring parameters:

$PM_{2.5}$ FRM	$PM_{2.5}$ FEM	$PM_{2.5}$ Speciation	PM_{10}	TSP/Metals	VOCs	Carbonyls	Carbon Monoxide	Ozone	SO_2	NO_X	Meteorological Data	Other*
	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

* black carbon, ultrafine particle counter



Site description:

This monitoring site is located along the I-94/I-35W commons near downtown Minneapolis. This area is mostly residential, with some commercial and retail businesses nearby. It is part of the near-road monitoring network, which was established to assess air pollution levels in the near-road environment. This traffic segment had the highest Annual Average Daily Traffic (AADT) count in Minnesota in 2012, at 277,000 vehicles per day.

Monitoring objectives:

- Demonstrate compliance with NO_2, ozone, $PM_{2.5}$, and CO NAAQS.
- Support modeling and source separation by collecting meteorological data.
- Demonstrate compliance with TSP MAAQS.
- Characterize air toxics (VOCs, carbonyls, and metals).
- Characterize black carbon and ultra-fine particles in the near-road environment.

Planned changes:

None