

Rosemount – Flint Hills Refinery 423

Site information:

AQS Site ID : **27-037-0423**
 Address: **2142 120th St E**
 City: **Rosemount**
 County: **Dakota**

Location Setting: **Rural**
 Latitude: **44.7730**
 Longitude: **-93.0627**
 Elevation: **272 m**
 Year Established: **1990**

Monitoring parameters:

PM _{2.5} FRM	PM _{2.5} Continuous	PM _{2.5} Speciation	PM ₁₀	TSP/Metals	VOCs	Carbonyls	Carbon Monoxide	Ozone	SO ₂	NO _x	Meteorological Data	Other*
				1/6	1/6	1/6	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												



*TRS



Site description:

This monitoring site is located in Rosemount and is one of three sites in the Flint Hills Resources Pine Bend air quality monitoring network. This site is located on the west side of the refinery less than one mile west of U.S. Highway 52 on 120th Street. Large municipal waste and demo landfills are located to the northeast of this site.

Monitoring objectives:

- Demonstrate compliance with SO₂, NO₂, and CO NAAQS.
- Demonstrate compliance with TSP and H₂S MAAQS.
- Characterize air toxics (VOCs carbonyls, and metals).
- Support modeling and source separation by collecting meteorological data.

Planned changes:

None