

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/15/2020

Location	PM 2.5 8-Hr TWA	PM 2.5 STEL (Max)	PM 2.5 Daily Max (Instantaneous)	PM 10 8-Hr TWA	PM 10 STEL (Max)	PM 10 Daily Max (Instantaneous)	Units
East Perimeter	0.013	0.019	0.098	0.014	0.027	0.234	mg/m3
North Perimeter	0.012	0.016	0.034	0.013	0.019	0.038	mg/m3
South Perimeter	0.014	0.016	0.027	0.014	0.018	0.028	mg/m3
West Perimeter	0.019	0.030	0.060	0.021	0.039	0.105	mg/m3
Firehouse 109 (Northeast-Offsite)	0.011	0.013	0.019	0.011	0.014	0.031	mg/m3
Firehouse 34 (South Offsite)	0.010	0.013	0.026	0.011	0.013	0.026	mg/m3
Firehouse 38 (North-Offsite)	0.002	0.005	0.008	0.003	0.005	0.009	mg/m3

Notes:

mg/m3 = milligrams per cubic meter

NA = Not Applicable

STEL = Short-term exposure limit (15-minute duration)

TWA = Time-weighted average

Weather was 30 degrees with snow flurries in the morning, turning clear and 40 degrees in the afternoon.

Because this is a public health concern, particulate action levels are based on the National Ambient Air Quality Standard (NAAQS) value of 150 $\mu\text{g}/\text{m}^3$ (0.150 mg/m³) PM₁₀. As a result, during real-time monitoring, exceedances of the total dust action level of 150 $\mu\text{g}/\text{m}^3$ (sustained for 5 minutes) will serve as indicators of excessive off-site migration of particulates. On 4/15/2020, no sustained exceedances above the NAAQS were recorded.