

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 05/01/2020

Location	Duration (days:hours:minutes)	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	00:12:11	0.010	0.023	0.061	0.011	0.026	0.100	mg/m3
North Perimeter	00:12:06	0.008	0.019	0.085	0.009	0.021	0.109	mg/m3
South Perimeter	00:12:02	0.011	0.034	0.055	0.011	0.035	0.057	mg/m3
West Perimeter	00:12:00	0.015	0.044	0.065	0.019	0.056	0.114	mg/m3
Firehouse 109 (Northeast-Offsite)	00:12:01	0.011	0.027	0.031	0.011	0.028	0.033	mg/m3
Firehouse 34 (South-Offsite)	00:12:00	0.011	0.164	0.370	0.012	0.164	0.370	mg/m3
Firehouse 38 (North-Offsite)	00:12:00	0.008	0.030	0.046	0.009	0.031	0.065	mg/m3

The highlighted sustained exceedances were verified NOT to be site related.

Notes:

mg/m3 = milligrams per cubic meter

NA = Not Applicable

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

TWA = Time-weighted average

Weather was sunny and in the mid 60s with variable winds at 5-10 mph.

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 5/1/2020, no site-related sustained exceedances above the NAAQS were recorded.

The sustained exceedance highlighted above was confirmed to not be site-related.