

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/21/2020

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	0.007	0.017	0.053	0.011	0.030	0.092	mg/m3
North Perimeter	0.006	0.016	0.041	0.009	0.028	0.073	mg/m3
South Perimeter	0.011	0.047	0.494	0.015	0.074	0.747	mg/m3
West Perimeter	0.014	0.028	0.189	0.022	0.045	0.237	mg/m3
Firehouse 109 (Northeast-Offsite)	0.005	0.008	0.027	0.005	0.008	0.027	mg/m3
Firehouse 34 (South-Offsite)	0.042	0.934	2.920	0.042	0.934	2.920	mg/m3
Firehouse 38 (North-Offsite)	0.004	0.008	0.013	0.005	0.008	0.013	mg/m3

Notes:

mg/m3 = milligrams per cubic meter

NA = Not Applicable

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

TWA = Time-weighted average

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

Weather was sunny and in the upper 40s with winds from the northwest at 15-20 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 4/21/2020, no site-related sustained exceedances above the NAAQS were recorded.

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