

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/20/2020

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	0.012	0.037	0.462	0.017	0.046	0.569	mg/m3
North Perimeter	0.011	0.028	0.199	0.014	0.041	0.263	mg/m3
South Perimeter	0.011	0.016	0.034	0.013	0.020	0.060	mg/m3
West Perimeter	0.022	0.070	0.211	0.033	0.094	0.385	mg/m3
Firehouse 109 (Northeast-Offsite)	0.007	0.018	0.429	0.008	0.034	1.770	mg/m3
Firehouse 34 (South-Offsite)	0.009	0.127	0.189	0.009	0.127	0.189	mg/m3
Firehouse 38 (North-Offsite)	0.010	0.034	0.456	0.011	0.036	0.589	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 sunny and in the low 60s with winds from the southwest at 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 $\mu\text{m}/\text{mg}^3$ (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 4/20/2020, no sustained exceedances above the NAAQS were recorded.