

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/18/2020

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	0.016	0.024	0.070	0.017	0.025	0.090	mg/m3
North Perimeter	0.017	0.023	0.100	0.018	0.023	0.122	mg/m3
South Perimeter	0.019	0.025	0.048	0.019	0.025	0.055	mg/m3
West Perimeter	0.022	0.035	0.261	0.027	0.046	0.335	mg/m3
Firehouse 109 (Northeast-Offsite)	0.016	0.022	0.032	0.017	0.023	0.038	mg/m3
Firehouse 34 (South-Offsite)	0.015	0.024	0.025	0.015	0.024	0.025	mg/m3
Firehouse 38 (North-Offsite)	0.015	0.032	0.163	0.018	0.037	0.179	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 mid 50s with winds from the southwest at 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 4/18/2020, no sustained exceedances above the NAAQS were recorded.