

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/22/2020

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	0.029	0.225	0.018	0.032	0.302	mg/m3
North Perimeter	0.015	0.033	0.216	0.018	0.042	0.285	mg/m3
South Perimeter	0.019	0.050	0.070	0.023	0.061	0.154	mg/m3
West Perimeter	0.022	0.047	0.105	0.027	0.050	0.196	mg/m3
Firehouse 109 (Northeast-Offsite)	0.022	0.076	0.162	0.024	0.078	0.311	mg/m3
Firehouse 34 (South-Offsite)	0.009	0.040	0.512	0.010	0.048	0.635	mg/m3
Firehouse 38 (North-Offsite)	0.023	0.039	0.358	0.024	0.052	0.533	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 cloudy with spotty showers, 60 degrees with winds from the east 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 4/22/2020, no sustained exceedances above the NAAQS were recorded.