

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/30/2020

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	00:12:05	0.005	0.010	0.017	0.005	0.011	0.019	mg/m3
North Perimeter	00:12:02	0.006	0.014	0.060	0.007	0.014	0.113	mg/m3
South Perimeter	00:12:00	0.007	0.069	0.281	0.008	0.081	0.329	mg/m3
West Perimeter	00:12:00	0.010	0.016	0.053	0.011	0.017	0.054	mg/m3
Firehouse 109 (Northeast-Offsite)	00:11:55	0.005	0.008	0.017	0.005	0.008	0.024	mg/m3
Firehouse 34 (South-Offsite)	00:11:53	0.005	0.007	0.008	0.005	0.007	0.008	mg/m3
Firehouse 38 (North-Offsite)	00:12:02	0.006	0.013	0.028	0.006	0.013	0.028	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 rainy in the morning turning cloudy with temperatures in the mid 40s with winds from the north at 10-15 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 4/30/2020, no sustained exceedances above the NAAQS were recorded.