

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/29/2020

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	00:11:36	0.002	0.004	0.011	0.002	0.004	0.011	mg/m3
North Perimeter	00:10:15	0.007	0.014	0.022	0.007	0.014	0.022	mg/m3
South Perimeter	00:10:35	0.012	0.021	0.033	0.012	0.021	0.034	mg/m3
West Perimeter	00:10:38	0.013	0.022	0.040	0.013	0.022	0.040	mg/m3
Firehouse 109 (Northeast-Offsite)	00:10:08	0.007	0.013	0.017	0.007	0.014	0.017	mg/m3
Firehouse 34 (South-Offsite)	00:11:06	0.007	0.019	0.020	0.007	0.019	0.020	mg/m3
Firehouse 38 (North-Offsite)	00:10:16	0.011	0.031	0.296	0.011	0.031	0.296	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 with temperatures in the mid 50s with winds from the west 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 µm/mg3 (0.150 mg/m3) PM10. As a result, during real-time monitoring, exceedances of the total dust action level of 150 µg/m3 (sustained for 5 minutes) will serve as indicators of excessive off-site migration of particulates. On 4/29/2020, no sustained exceedances above the NAAQS were recorded.