

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/28/2020

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	00:10:53	0.011	0.022	0.029	0.012	0.024	0.033	mg/m3
North Perimeter	00:10:18	0.013	0.022	0.028	0.014	0.022	0.042	mg/m3
South Perimeter	00:09:58	0.022	0.043	0.295	0.025	0.048	0.327	mg/m3
West Perimeter	00:09:58	0.024	0.031	0.053	0.028	0.043	0.067	mg/m3
Firehouse 109 (Northeast-Offsite)	00:11:30	0.018	0.024	0.030	0.018	0.024	0.037	mg/m3
Firehouse 34 (South-Offsite)	00:11:08	0.018	0.108	0.405	0.018	0.108	0.406	mg/m3
Firehouse 38 (North-Offsite)	00:12:11	0.011	0.027	0.044	0.012	0.027	0.054	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 mostly cloudy with heavy afternoon/evening thunderstorms. Temperatures were in the upper 60s with winds from the southwest at 10-15 mph. Monitoring was shortened due to heavy afternoon/evening thunderstorms.

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 4/28/2020, no sustained exceedances above the NAAQS were recorded.