

Crawford Power Plant Demolition Emergency Response  
Daily Air Monitoring Summary: 05/02/2020

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	00:11:55	0.010	0.014	0.035	0.011	0.016	0.046	mg/m3
North Perimeter	00:12:04	0.008	0.014	0.066	0.009	0.016	0.177	mg/m3
South Perimeter	00:12:15	0.012	0.019	0.075	0.014	0.023	0.075	mg/m3
West Perimeter	00:12:09	0.020	0.049	0.326	0.029	0.082	0.639	mg/m3
Firehouse 109 (Northeast-Offsite)	00:11:45	0.010	0.013	0.017	0.011	0.013	0.017	mg/m3
Firehouse 34 (South-Offsite)	00:12:00	0.005	0.019	0.040	0.005	0.019	0.040	mg/m3
Firehouse 38 (North-Offsite)	00:11:16	0.009	0.017	0.039	0.009	0.018	0.039	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, in the mid 70s with winds from the SW at 15-20 mph.

Because this is a public health concern, particulate action levels are based on the National Ambient Air Quality Standard (NAAQS) value of 150  $\mu\text{m}/\text{mg3}$  (0.150 mg/m3) PM10. As a result, during real-time monitoring, exceedances of the total dust action level of 150  $\mu\text{g}/\text{m3}$  (sustained for 5 minutes) will serve as indicators of excessive offsite migration of particulates. On 5/2/2020, no sustained exceedances above the NAAQS were recorded