

Crawford Power Plant Demolition Emergency Response  
Daily Air Monitoring Summary: 05/03/2020

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	00:12:02	0.004	0.006	0.070	0.005	0.007	0.095	mg/m3
North Perimeter	00:11:57	0.005	0.009	0.057	0.005	0.015	0.125	mg/m3
South Perimeter	00:11:45	0.007	0.010	0.039	0.007	0.013	0.082	mg/m3
West Perimeter	00:11:48	0.008	0.014	0.010	0.010	0.023	0.011	mg/m3
Firehouse 109 (Northeast-Offsite)	00:12:01	0.004	0.011	0.031	0.005	0.011	0.032	mg/m3
Firehouse 34 (South-Offsite)	00:11:49	0.007	0.035	0.004	0.008	0.035	0.004	mg/m3
Firehouse 38 (North-Offsite)	00:12:10	0.007	0.020	0.041	0.008	0.021	0.041	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, 70 degrees with winds from the W at 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  $\mu\text{m}/\text{m}^3$  (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 offsite migration of particulates. On 5/3/2020, no sustained exceedances above the NAAQS were recorded