

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/27/2020

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	00:11:23	0.002	0.010	0.025	0.003	0.014	0.039	mg/m3
North Perimeter	00:11:49	0.013	0.032	0.114	0.019	0.065	0.217	mg/m3
South Perimeter	00:12:32	0.019	0.029	0.197	0.030	0.052	0.230	mg/m3
West Perimeter	00:12:10	0.025	0.052	0.377	0.038	0.086	0.541	mg/m3
Firehouse 109 (Northeast-Offsite)	00:12:01	0.010	0.019	0.025	0.011	0.020	0.026	mg/m3
Firehouse 34 (South-Offsite)	00:11:32	0.021	0.050	0.338	0.021	0.050	0.338	mg/m3
Firehouse 38 (North-Offsite)	00:12:48	0.011	0.025	0.031	0.012	0.027	0.036	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 cloudy with afternoon showers. Temperatures were in the low 60s with winds from the south 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 $\mu\text{g}/\text{m}^3$ (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 off-site migration of particulates. On 4/27/2020, no sustained exceedances above the NAAQS were recorded.