

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/24/2020

Location	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	0.030	0.044	0.061	0.031	0.045	0.062	mg/m3
North Perimeter	0.031	0.040	0.029	0.033	0.044	0.030	mg/m3
South Perimeter	0.036	0.045	0.083	0.036	0.046	0.096	mg/m3
West Perimeter	0.038	0.046	0.066	0.039	0.047	0.076	mg/m3
Firehouse 109 (Northeast-Offsite)	0.024	0.028	0.035	0.025	0.029	0.035	mg/m3
Firehouse 34 (South-Offsite)	0.024	0.033	0.044	0.024	0.033	0.044	mg/m3
Firehouse 38 (North-Offsite)	0.033	0.042	0.059	0.034	0.042	0.059	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 spotty showers. Temperature was in the upper 40s with winds from the north at 5-10 mph.

Because this is a public health concern, particulate action levels are based on the National Ambient Air Quality Standard (NAAQS) value of 150 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 4/24/2020, no sustained exceedances above the NAAQS were recorded.