

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/23/2020

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	0.037	0.053	0.104	0.038	0.056	0.141	mg/m3
North Perimeter	0.035	0.050	0.101	0.037	0.052	0.117	mg/m3
South Perimeter	0.042	0.065	0.139	0.043	0.068	0.171	mg/m3
West Perimeter	0.045	0.057	0.077	0.047	0.060	0.098	mg/m3
Firehouse 109 (Northeast-Offsite)	0.032	0.042	0.051	0.032	0.042	0.051	mg/m3
Firehouse 34 (South-Offsite)	0.031	0.053	0.183	0.031	0.053	0.183	mg/m3
Firehouse 38 (North-Offsite)	0.043	0.059	0.063	0.044	0.059	0.064	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 55 degrees with winds from the east 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 $\mu\text{m}/\text{mg3}$ (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 off-site migration of particulates. On 4/23/2020, no sustained exceedances above the NAAQS were recorded.