

Crawford Power Plant Demolition Emergency Response
Daily Air Monitoring Summary: 04/25/2020

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	00:06:08	NA	0.026	0.037	NA	0.026	0.048	mg/m3
North Perimeter	00:04:33	NA	0.023	0.037	NA	0.023	0.037	mg/m3
South Perimeter	00:06:05	NA	0.035	0.040	NA	0.036	0.040	mg/m3
West Perimeter	00:06:08	NA	0.034	0.035	NA	0.034	0.036	mg/m3
Firehouse 109 (Northeast-Offsite)	00:06:51	NA	0.027	0.029	NA	0.028	0.029	mg/m3
Firehouse 34 (South-Offsite)	00:06:03	NA	0.057	0.168	NA	0.057	0.168	mg/m3
Firehouse 38 (North-Offsite)	00:06:50	NA	0.037	0.049	NA	0.037	0.057	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 rainy with temperatures in the mid40s with winds from the north at 5-10 mph.

Due to the rains, monitoring was limited to 6 hours only.

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 4/25/2020, no sustained exceedances above the NAAQS were recorded.