

## Community Air Monitoring Program

DATE	DATA		ANALYSIS
	Background Corrected Particulate Concentrations (mg/m <sup>3</sup> )		Response Required?
	Daily Average	Daily Max	
October 24, 2016	0.009	0.020	No
October 25, 2016	0.002	0.008	No
October 26, 2016	0.004	0.018	No
October 27, 2016	Inclement weather		No
October 28, 2016	0.009	0.012	No
October 31, 2016	0.010	0.067	No
November 1, 2016	0.012	0.040	No
November 2, 2016	0.015	0.037	No
November 3, 2016	0.018	0.027	No
November 4, 2016	0.007	0.044	No

### Air Quality Action Levels

Background corrected particulate concentration data from the site is compared to particulate action levels. This correction is calculated by subtracting the upwind concentration from the downwind concentration and provides the concentration of particulates being generated by site activities. The specific action levels and their response are as follows:

- Between 0.100 mg/m<sup>3</sup> and 0.150 mg/m<sup>3</sup> – Particulate suppression techniques instituted.
- Greater than 0.150 mg/m<sup>3</sup> – Stop work and reevaluate activities.

### Inclement Weather

Monitoring is not conducted during rain and heavy snow events as precipitation acts as a natural suppressant and prevents the migration of particulates. In addition, moisture can impact the accuracy of the data from the monitors.

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