

## Community Air Monitoring Program

DATE	DATA		ANALYSIS
	Background Corrected Particulate Concentrations (mg/m <sup>3</sup> )		Response Required?
	Daily Average	Daily Max	
December 19, 2016	0.005	0.008	No
December 20, 2016	0.015	0.030	No
December 21, 2016	0.012	0.026	No
December 22, 2016	0.039	0.050	No
December 23, 2016	0.011	0.017	No
December 26, 2016	Holiday – site closed		No
December 27, 2016	0.007	0.011	No
December 28, 2016	0.010	0.016	No
December 29, 2016	Inclement weather		No
December 30, 2016	0.009	0.020	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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