

Community Air Monitoring Program

DATE	DATA		ANALYSIS
	Background Corrected Particulate Concentrations (mg/m ³)		Response Required?
	Daily Average	Daily Max	
November 21, 2016	0.002	0.008	No
November 22, 2016	0.005	0.008	No
November 23, 2016	0.004	0.016	No
November 24, 2016	Holiday – site closed		No
November 25, 2016	0.012	0.019	No
November 28, 2016	0.035	0.041	No
November 29, 2016	Inclement weather		No
November 30, 2016	0.007	0.014	No
December 1, 2016	0.005	0.008	No
December 2, 2016	0.008	0.031	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/m³ and 0.150 mg/m³ – Particulate suppression techniques instituted.
- Greater than 0.150 mg/m³ – 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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