

Community Air Monitoring Program

DATE	DATA		ANALYSIS
	Background Corrected Particulate Concentrations (mg/m ³)		Response Required?
	Daily Average	Daily Max	
January 16, 2017	0.034	0.042	No
January 17, 2017	0.056	0.062	No
January 18, 2017	0.019	0.027	No
January 19, 2017	0.013	0.034	No
January 20, 2017	0.018	0.033	No
January 23, 2017	Inclement weather		No
January 24, 2017	Inclement weather		No
January 25, 2017	0.014	0.027	No
January 26, 2017	0.021	0.029	No
January 27, 2017	0.009	0.014	No
January 30, 2017	0.010	0.015	No
January 31, 2017	Inclement weather		No
February 1, 2017	0.010	0.023	No
February 2, 2017	0.011	0.021	No
February 3, 2017	0.006	0.033	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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