

Community Air Monitoring Program

DATE	DATA		ANALYSIS
	Background Corrected Particulate Concentrations (mg/m ³)		Response Required?
	Daily Average	Daily Max	
December 5, 2016	0.010	0.012	No
December 6, 2016	0.008	0.024	No
December 7, 2016	Inclement weather		No
December 8, 2016	0.010	0.017	No
December 9, 2016	0.006	0.018	No
December 12, 2016	Inclement weather		No
December 13, 2016	0.018	0.039	No
December 14, 2016	0.014	0.020	No
December 15, 2016	0.009	0.015	No
December 16, 2016	0.016	0.026	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.

111 8th Avenue #302
New York, NY 10011

T (212) 309 9020
F (212) 255 8529

tech.cornell.edu

