

## Community Air Monitoring Program

| DATE              | DATA   |           | ANALYSIS           |
|-------------------|--|-----------|--------------------|
|                   | Background Corrected Particulate Concentrations (mg/m <sup>3</sup> ) |           | Response Required? |
|                   | Daily Average  | Daily Max |                    |
| February 6, 2017  | 0.009  | 0.014     | No                 |
| February 7, 2017  | 0.015  | 0.027     | No                 |
| February 8, 2017  | 0.012  | 0.021     | No                 |
| February 9, 2017  | Inclement weather  |           | No                 |
| February 10, 2017 | Inclement weather  |           | No                 |
| February 13, 2017 | 0.004  | 0.005     | No                 |
| February 14, 2017 | 0.011  | 0.013     | No                 |
| February 15, 2017 | 0.023  | 0.028     | No                 |
| February 16, 2017 | 0.005  | 0.008     | No                 |
| February 17, 2017 | 0.010  | 0.013     | 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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