

**From:** Geneva Irwin  
**Subject:** Air Quality Monitoring Weekly Summary - Week Ending December 17  
**Date:** Tuesday, January 3, 2017 1:07:07 PM  
**Attachments:** [Dec. 17.pdf](#)

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Good Afternoon,

A summary of the Giant Mine ambient air quality monitoring program (AQM) for the week ending December 17, 2016 is as follows:

Fenceline Network:

No 15-minute average particulate matter less than 10 microns in diameter (PM<sub>10</sub>) concentrations above the established Risk Based Action Level (RBAL) of 159 µg/m<sup>3</sup> were measured at the fenceline monitoring stations during the week. PM<sub>10</sub> concentrations measured at fenceline locations during the week were typical of seasonal background concentrations;

No 15-minute average total suspended particulate (TSP) concentrations above the established fenceline RBAL of 333 µg/m<sup>3</sup> were measured at the fenceline monitoring stations during the week. TSP concentrations measured at the fenceline locations during the week were typical of seasonal background concentrations.

Community Stations:

No 24-hour average concentrations of PM<sub>2.5</sub> and PM<sub>10</sub> were measured above the referenced standards at the community stations during the week. PM<sub>2.5</sub> and PM<sub>10</sub> concentrations during the week were typically representative of seasonal background concentrations;

Laboratory analysis of community station filters collected after November 20, 2016 are pending;

- Laboratory analyses of asbestos samples collected at the community stations after November 11, 2016 are pending.

General Operation:

The AQM program operated as specified during the week ending December 17, 2016.

Sincerely, Natalie Plato



PO BOX 1500  
YELLOWKNIFE NT X1A 2R3

NT 864304

January 3, 2017

Distribution List

**RE: Air Quality Reports for the Week of December 17, 2016.**

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General Operation:

· The AQM program operated as specified during the week ending December 17, 2016.

Sincerely,

A handwritten signature in blue ink that reads "Natalie Plato". The signature is fluid and cursive, with the first name "Natalie" written in a larger, more prominent script than the last name "Plato".

Natalie Plato  
Deputy Director  
Giant Mine Remediation Project

c.c.: Distribution List