

From: Geneva Irwin
Subject: Air Quality Monitoring Weekly Summary - Week Ending Dec. 10
Date: Monday, December 19, 2016 11:32:40 AM
Attachments: [Dec. 10.pdf](#)

Good Morning,

A summary of the Giant Mine ambient air quality monitoring program (AQM) for the week ending December 10, 2016 is as follows:

Fenceline Network:

No 15-minute average particulate matter less than 10 microns in diameter (PM₁₀) concentrations above the established Risk Based Action Level (RBAL) of 159 µg/m³ were measured at the fenceline monitoring stations during the week. PM₁₀ 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/m³ 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_{2.5} and PM₁₀ were measured above the referenced standards at the community stations during the week. PM_{2.5} and PM₁₀ concentrations during the week were typically representative of seasonal background concentrations;

Laboratory results from TSP, PM₁₀, and trace metals (including arsenic) samples collected on November 14, 17, and 20, 2016 at the community stations were less than the analytical detection limit and/or below the referenced standard. 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 10, 2016, with the following exception:

- o Continuous PM_{2.5} data at the NAPS community station was incomplete on December 5th and December 6th, 2016 for unknown reasons.

Sincerely,

Craig Wells



PO BOX 1500
YELLOWKNIFE NT X1A 2R3

NT 863364

December 19, 2016

Distribution List

RE: Air Quality Reports for the Week of December 10, 2016.

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Sincerely,

A handwritten signature in black ink, appearing to read 'Craig Wells', with a stylized, cursive script.

Craig Wells
Giant Mine Remediation Project

c.c.: Distribution List