

From: [Garbutt, Nicole \(AADNC/AANDC\)](#)
Subject: Giant Mine ambient AQMP summary report for the week ending February 9, 2019
Date: February 15, 2019 1:39:11 PM
Attachments: [Feb 9.pdf](#)

Good Afternoon,

A summary of the Giant Mine Remediation Project ambient air quality monitoring program for the week ending February 9, 2019 is attached and as follows:

Community Stations:

- No real-time PM_{2.5} or PM₁₀ 24-hour average concentrations above the referenced standards for each were measured at any of the community stations during the week;
- Laboratory results from TSP, PM₁₀, and trace metals (including arsenic) samples collected on January 12, 2019 at the community stations were less than the analytical detection limit and/or below the referenced standard. Laboratory analyses of community station filters collected after January 12, 2019 are pending;
- Laboratory results from asbestos samples collected on January 12, 18, 24, and 30, 2019 at the community stations were less than the analytical detection limit and/or below the referenced standard. Laboratory analyses of asbestos samples collected at the community stations after January 30, 2019 are pending;
- There were no NO₂ concentrations measured at the Niven Lake community air monitoring station above the NWT Ambient Air Quality 24-Hour Standard of 106 parts per billion (ppb) or the 1-Hour Standard of 213 ppb during the week. Table 1 summarizes the daily hourly maximum concentrations and the daily 24-hour average concentrations measured at the Niven Lake community station during the week.

Niven Lake Community Station NO₂ Concentrations

Date	Maximum One-hour Average (ppb)	24-hour Average (ppb)
February 03, 2019	17.6	6.1
February 04, 2019	5.6	2.2
February 05, 2019	5.0	2.8
February 06, 2019	7.9	4.0
February 07, 2019	4.9	2.6
February 08, 2019	40.0	11.0
February 09, 2019	22.9	4.6

General Operation:

- The ambient air quality monitoring program operated as specified during the week ending February 9, 2019.

Thank you,

Nicole Garbutt

Giant Mine Remediation Project
Crown-Indigenous Relations and Northern Affairs Canada
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YELLOWKNIFE NT X1A 2R3

February 15, 2019

Distribution List

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Sincerely,

A handwritten signature in blue ink that reads "Natalie Plato". The signature is written in a cursive style with a large, looping initial "N".

Natalie Plato
Giant Mine Remediation Project

c.c.: Distribution List