



Meliadine Gold Project
NWB 2AM-MEL1631
November, 2018 Monthly Report

Prepared for:

Nunavut Water Board

Prepared by:

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SECTION 1 • BACKGROUND

As required under Part I, Item 10 of Type A Water License 2AM-MEL1631, this report documents the water management and monitoring activities at the mine site, and provides a summary of spills/ actions for the month of November 2018.

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

Table 2.1 details monthly water usage approved under Water License 2AM-MEL1631:

Table 2.1: Summary of Agnico's monthly water usage in November 2018

| | Monthly Usage (m ³) |
|--|---------------------------------|
| Camp (MEL-11) | 2,855 |
| Construction – Batch Plant (MEL-26 – A8) | 0 |
| Dust suppression | 0 |
| Total October | 2,855 |
| Year to date 2018 | 26,568 |

2.2 DEWATERING ACTIVITIES

In November 2018 no dewatering activity occurred

2.3 CP1

Discharge from CP1 into Meliadine Lake via the Final Discharge Point (MEL-14) ended September 3rd 2018.

2.4 SEEPAGE AND RUNOFF FROM THE LANDFILL AND LANDFARM

The 2AM-MEL1631 landfill and landfarm were commissioned in November 2017. No seepage or runoff was observed in November 2018.

2.5 SEWAGE TREATMENT PLANT

In November 2018, 2,728m³ of treated wastewater was discharged into CP1. 33m³ of sludge was removed during the month. The sludge is temporarily stored in totes onsite and will either be disposed of in the spring/summer in the Tailings Storage Facility as approved, utilized as nutrient in the site landfarm or shipped to the south with Agnico Eagle's hazmat. Most likely it will be a combination of the three.

2.6 CONTAINMENTS

No water was discharged from the Itivia fuel containment facility (Station Mel-25) in November

SECTION 3 • MATERIAL MANAGEMENT

3.1 LANDFILL / LANDFARM

The volume of material placed into the landfill is evaluated through periodic surveys. According to the most recent survey, the landfill contained approximately 10,790 m³ of material.

In November 2018, about 1m³ of contaminated soil was transferred to the Type A Landfarm as a result of minor spills cleanup.

3.2 ORE

Approximately 10,511 tonnes of ore and 1,699 tonnes of marginal ore was stockpiled in November.

3.3 WASTE ROCK STORAGE FACILITY

In November, a total of 68,970 tonnes of rock was removed in the mine development process. All of this material was used in construction on site.

3.4 TAILINGS

The site is not in operation at this time

SECTION 4 SPILL MANAGEMENT

4.1 INTERNAL AND REPORTABLE SPILLS

All spills reported internally (5), and externally (1- highlighted) listed in the table 4.1 below were managed according to Agnico's spill contingency plan. Spills were contained and cleaned up, contaminated material was disposed of in an appropriate manner, and the clean-up actions were monitored closely by the Environment Department.

On November 17th, Due to freezing of an outlet hose and valve at the Exploration Camp Sewage Treatment Plant retention tank, the retention tank could not be emptied. The tank overflowed within the Sea-can housing and made contact with the ground via a hole in the door. The flow extended less than 5m from the spill source and the nearest water body, Meliadine Lake, is approximately 78m from the source. The spill clean up was completed and the follow up report sent December 2nd

The spill was reported as per the obligations under the Nunavut Water Board License 2BB-MEL1424 Water Licence, part H, item 4. and the Government of Nunavut's, Environmental Protection Act, paragraph 5.1(a).

Table 4.1: Summary of Agnico's Spill Reports in November 2018

| Date and time of occurrence | If material not listed in dropdown or more details, enter here | Estimated quantity (l) | Exact location of incident | Description of incident | Describe immediate corrective actions |
|-----------------------------|--|------------------------|---|--|---|
| 11/2/2018 2:30 | Windshield washer fluid - glycol | 1.00 | Site Road | At approximately 13:15 two Telehandlers were travelling toward each other on the service road. Both Telehandlers pulled to their right to give room for each other. One operator pulled too much to his right and caught the edge of the road and rolled on its side into the ditch. | Contaminated snow picked up and disposed of adequately |
| 11/9/2018 10:30 | Antifreeze - glycol | 3.00 | parking area warehouse office Itivia Site | On weekly environmental inspection Laura Hanson and Felix Abanto recognized multiple antifreeze spots on the snow within the parking by the Warehouse office in Itivia. Leaking was then observed under | Operator took the loader into maintenance shop for repair. Warehouse clerk removed contaminated snow into drum. |

| | | | | | |
|---------------------|----------------------|--------|-------------------------|---|---|
| | | | | one of the loaders which was idling. It was determined that a hose clamp was loose. Fluid leaking from the hose that goes to the radiator" | |
| 11/16/2018 4:00 | Diesel | 50.00 | Gas boy | The fuel cap for the fuel tank was not screwed in properly (problem with the threading, cross shift may have not screwed it in properly). An operator was refuelingThe auto shutoff did not work properly due to air escaping from fuel cap causing50 liters to overflow. | Spill was contained and contaminated soil picked up and disposed of in the landfarm |
| 11/17/2018 1:00 | Diesel | 25.00 | Tiriganiaq Esker | During unloading of fuel; trigger valve on nozzle was frozen causing it stick putting 25L of diesel fuel on the ground | Spill was contained and contaminated soil picked up and disposed of in the landfarm |
| 11/17/2018 12:00 | Treated STP effluent | 100.00 | Explo camp STP | Due to freezing of an outlet hose and valve at the Exploration Camp Sewage Treatment Plant retention tank, the retention tank could not be emptied. The tank overflowed within the Sea-can housing and made contact with the ground via a hole in the door. The flow extended less than 5m from the spill source and the nearest water body, Meliadine Lake is approximately 78m from the source. | Following the overflow, water to the Exploration Camp was temporarily shut down, the hose and valve was thawed and the retention tank was emptied. Treated wastewater was frozen in place beneath the Mel-7 pipeline. The spilled treated wastewater was removed with ice picks and transported to CP1. |
| 11/19/2018 17:00 | Coolant - glycol | 11.00 | In front of MSB door #5 | coolant leaked from equipment radiator | pick up the coolant with dedicated absorbent pads |