



Meliadine Gold Project
NWB 2AM-MEL1631
February, 2019 Monthly Report

Prepared for:

Nunavut Water Board

Prepared by:

Agnico Eagle Mines Limited – Meliadine Division

March 13th, 2019

Table of Contents

| | |
|---|----------|
| SECTION 1 • BACKGROUND..... | 3 |
| SECTION 2 • WATER MANAGEMENT | 3 |
| 2.1 WATER USAGE | 3 |
| 2.2 DEWATERING ACTIVITIES | 3 |
| 2.3 CP1 | 3 |
| 2.4 SEEPAGE AND RUNOFF FROM THE LANDFILL AND LANDFARM | 3 |
| 2.5 SEWAGE TREATMENT PLANT | 3 |
| 2.6 CONTAINMENTS..... | 3 |
| SECTION 3 • MATERIAL MANAGEMENT..... | 4 |
| 3.1 LANDFILL / LANDFARM..... | 4 |
| 3.2 ORE | 4 |
| 3.3 WASTE ROCK STORAGE FACILITY..... | 4 |
| 3.4 TAILINGS | 4 |
| SECTION 4 SPILL MANAGEMENT..... | 5 |
| 4.1 INTERNAL AND REPORTABLE SPILLS | 5 |

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 February 2019.

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 February 2019

| | Monthly Usage (m ³) |
|--|---------------------------------|
| Camp (MEL-11) | 2,741 |
| Construction – Batch Plant (MEL-26 – A8) | 0 |
| Dust suppression | 0 |
| Total February | 2,741 |
| Year to date 2019 | 5,668 |

2.2 DEWATERING ACTIVITIES

In February 2019 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 February 2019.

2.5 SEWAGE TREATMENT PLANT

In February 2019, 2,524m³ of treated wastewater was discharged into CP1. 45m³ 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 February

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 11,635 m³ of material.

In February 2019, about 1.5m³ of contaminated soil was transferred to the Type A Landfarm as a result of minor spills cleanup.

3.2 ORE

Approximately 29,397 tonnes of ore and 4,370 tonnes of marginal ore was stockpiled in February.

3.3 WASTE ROCK STORAGE FACILITY

In February, a total of 57,770 tonnes of waste rock was removed in the mine development process. 6,166 tonnes were used as underground dry rockfill. The rest of the material was used in construction on site, mill commissioning or stockpiled for progressive closure cover.

3.4 TAILINGS

52,371 dry tonnes of filtered tailings were sent to the Tailing Storage Facility in February 2019. No tailings was used for paste underground backfill

SECTION 4 SPILL MANAGEMENT

4.1 INTERNAL AND REPORTABLE SPILLS

All spills reported internally (5) are 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.

No reportable spill occurred in February.

Table 4.1: Summary of Agnico's Spill Reports in February 2019

| 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 |
|-----------------------------|--|------------------------|---|--|---|
| 2/1/2019 | oil | 10.00 | South of MSB | Backhoe was idling -- breather froze up through the night and cause pressure inside and oil cap popped off and oil spilled out on ground. This happened in down line of Maintenance shop south of MSB. | Backhoe brought into shop for corrective maintenance. Contaminated material picked up and taken to Landfarm |
| 2/2/2019 | Reagent dye | 0.50 | Northern side of Process Plant building | The frost rim on the extraction vent stack, which showed traces of the red substance, fell to the floor. | Brought product back into plant and back into the process |

| | | | | | |
|-----------|------------------|-------|---|---|---|
| 2/6/2019 | diesel | 20.00 | Behind paste plant Surface Drill 1 | During routine environmental inspection of drill it was recognized that diesel had spilled around the diesel tank. | clean up the contaminated ice and brought it to the landfarm |
| 2/21/2019 | Hydraulic Oil | 15.00 | Esker | 15L of hydraulic oil from excavator 330 spilled to ground on Tiriganiak esker close to Orbit fuel tanks. | Spill was contained and contaminated soil picked up and disposed of appropriately |
| 2/24/2019 | Engine Oil | 10.00 | Other | 10 liters of oil from loader #6 spilled to the ground beside Dion Dome. | Notified maintenance department. Cleaned the spill with a spill kit. Spill was contained and contaminated soil picked up and disposed of appropriately |