



Meliadine Gold Project
NWB 2AM-MEL1631
April 2018 Monthly Report

Prepared for:
Nunavut Water Board

Prepared by:
Agnico Eagle Mines Limited – Meliadine Division

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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 April 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 April 2018

	Monthly Usage (m ³)
Camp (MEL-11)	1,861
Construction – Batch Plant (MEL-26 – A8)	11
Dust suppression	0
Total April	1,872
Year to date 2018	7,109

2.2 DEWATERING ACTIVITIES

No dewatering activities occurred in April 2018.

2.3 CP1

No water was discharged from CP1 into Meliadine Lake via the Final Discharge Point (MEL-14) in April 2018. No reclaim water was obtained from CP1 and it is not planned in the near future to use reclaimed water.

2.4 SEEPAGE AND RUNOFF FROM THE LANDFILL

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

2.5 SEWAGE TREATMENT PLANT

In April 2018, 1,976 m³ of water were discharged into CP1. No sewage sludge was removed during the month.

2.6 CONTAINMENTS

No water was discharged from any containments pertaining to this license.

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 7,500 m³ of material.

Approximately 20 m³ of contaminated snow and 15 m³ of contaminated soil were placed into the landfarm in April 2018.

3.2 ORE

Approximately 875 tonnes of ore has been stockpiled in April.

3.3 WASTE ROCK STORAGE FACILITY

In April a total of 61,786 tonnes of rock was mined underground in the process of mine development.

3.4 TAILINGS

No tailings have been stored to date.

SECTION 4 • SPILL MANAGEMENT

4.1 INTERNAL AND REPORTABLE SPILLS

All spills reported internally (8), listed in the table 4.1 below were managed according to Agnico's spill contingency plan.

No reportable spills took place at Meliadine in April 2018.

Spills were contained and cleaned, contaminated material was disposed in appropriate manner, and the clean-up actions were monitored closely by the Environment Department.

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

Date	Contaminant	Qty, L	Location	Cause / Description	Corrective actions
7-Apr-18	Water and glycol	4	New camp	Failure of the radiator	Spill was contained and contaminated soil picked up and disposed of in the landfarm
8-Apr-18	Transmission fluid	10	Front of Dome 2	Engine failure, resulting in spill	Spill was contained and contaminated soil picked up and disposed of in the landfarm
13-Apr-18	Hydraulic oil	19	Construction Pad	Engine failure, resulting in spill	Spill was contained and contaminated soil picked up and disposed of in the landfarm
21-Apr-18	Engine oil	1	Other	Leak from the supply pump to the heating unit	Contaminated snow picked up and disposed of adequately
22-Apr-18	Hydraulic oil	30	Other	Broken hydraulic hose	Spill was contained and contaminated soil picked up and disposed of appropriately
22-Apr-18	Hydraulic oil	10	Industrial Pad	Ruptured O-ring	Spill was contained and contaminated soil picked up and disposed of appropriately
25-Apr-18	Hydraulic oil	2	Maintenance Shop	Equipment failure	Spill was contained and contaminated soil picked up and disposed of appropriately
26-Apr-18	Hydraulic oil	8	Industrial Pad	Ruptured hydraulic hose	Spill was contained and contaminated soil picked up and disposed of in the landfarm