



Agnico Eagle Meliadine
Water License 2AM-MEL1631
December 2017 Monthly Monitoring
Summary Report

January 30, 2017

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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 December 2017.

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

MEL-11	Monthly Usage (m ³)
Camp	1,557
MEL-26 (A8)	
Construction – Batch Plant	89
Dust suppression	0
Total December	1,646
Total 2017	16,743

2.2 DEWATERING ACTIVITIES

No dewatering activities occurred in December 2017.

2.3 CP1

No water was discharged from CP1 into Meliadine Lake via the Final Discharge Point (MEL-14) in December 2017. 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 December 2017 due to frozen conditions.

2.5 SEWAGE TREATMENT PLANT

In December 2017, 2,120 m³ of water were discharged into CP1 (The total in 2017 is 14,454 m³). A total of 140 kg of 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. The latest survey was undertaken on January 16, 2018; according to it, the landfill contained 5,767 m³ of material.

Approximately 796 m³ of material was placed into the landfarm in December 2017.

3.2 ORE

No ore has been stockpiled in December.

3.3 WASTE ROCK STORAGE FACILITY

In December a total of 55,327 tonnes of rock were 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 (4) and to regulators (1 – highlighted) in the table 4.1 below were managed appropriately on site according to Agnico's spill contingency plan.

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

Following Table 4.1 presents the spills at Meliadine Project in December 2017.

Table 4.1: Summary of Agnico's Spill Reports

Date	Contaminant	Qty, L	Location	Cause/ description	Corrective Actions
3-Dec-17	Diesel Fuel	7,500	Genset Explo Camp	On December 3rd, a diesel spill occurred at the Meliadine exploration camp gen set (generator). At approximately 20:00 the spill was noticed by the night security personnel and was immediately reported to the Site Services and Environment departments. The source of the spill was controlled and investigation and remediation efforts commenced. There are no indications of fuel reaching any of the surrounding water bodies	The source of spill was controlled and investigation and remediation efforts commenced.
6-Dec-17	Hydraulic Oil	~1	Other	Human error	Spill was contained and contaminated soil picked up and disposed of appropriately
12-Dec-17	Diesel	10	New Incinerator	Equipment failure	Spill was contained and contaminated soil picked up and disposed of appropriately
12-Dec-17	Diesel Fuel	5	Itivia Fuel Farm Fill station	Human error	Spill was contained and contaminated soil picked up and disposed of appropriately
29-Dec-17	Hydraulic Oil	5	Itivia Area	Equipment failure	Contaminated soil picked up and disposed of appropriately