



MELIADINE DIVISION

Monitoring Program Summary Report

October 2017

Type A Water License 2AM-MEL1631

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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 October 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	1,975
MEL-26 (A8)	
Construction – Batch Plant	137
Dust suppression	0
Total October	2,112
Total 2017	12,802

2.2 DEWATERING ACTIVITIES

No dewatering activities occurred in October 2017.

2.3 CP1

No water was discharged from CP1 into Meliadine Lake via the Final Discharge Point (MEL-14) in October 2017. No reclaim water was obtained from CP1 and it is not planned in the near future to use reclaim water.

2.4 SEEPAGE AND RUNOFF FROM THE LANDFILL

The 2AM-MEL1631 landfill was not in operation in October 2017, therefore no seepage or runoff was observed.

2.5 SEWAGE TREATMENT PLANT

During the month of October, 1,987 m³ of water were discharged into CP1. The total in 2017 is 10,065 m³. The total amount of sewage sludge removed in October is 100 kg.

2.6 CONTAINMENTS

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

SECTION 3 • MATERIAL MANAGEMENT

3.1 LANDFILL / LANDFARM

The Landfill was not in operation in October 2017, so no material was placed in it.

The Landfarm was not in operation in October 2017, so no material was placed in it.

3.2 ORE

No ore has been stockpiled in October.

3.3 WASTE ROCK STORAGE FACILITY

In the month of October, a total of 48,299 tonnes of rock were mined underground in the process of ramp advancement, and were used in c

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) 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 October 2017.

Table 4.1: Summary of Agnico's Spill Reports

Date	Contaminant	Qty, L	Location	Cause/ description	Corrective Actions
10/1/2017	Hydraulic Oil	<1	Industrial Pad	Small leak from the cap on the hydraulic flow control mechanism	Spill was contained and contaminated soil picked up and disposed of appropriately
10/3/2017	Diesel fuel	60	Fuel farm	Unattended fueling nozzle	Spill was contained and contaminated soil picked up and disposed of appropriately
10/6/2017	Diesel fuel	1	Fuel farm	Tank overflow after filling	Spill was contained and contaminated soil picked up and disposed of appropriately
10/16/2017	Diesel fuel	<1	Itivia area	Poor connection between piping fittings	Spill was contained and contaminated soil picked up and disposed of appropriately
10/17/2017	Engine oil	<1	Air intake	Equipment malfunction	Spill was contained and contaminated soil picked up and disposed of appropriately
10/17/2017	Hydraulic Oil	180	DCP1	An excavator was operating downstream of DCP1 to complete snow removal. A hydraulic hose on the excavator broke, releasing 180 L of hydraulic oil onto the ground.	Spill was contained and contaminated soil picked up and disposed of appropriately
10/23/2017	Diesel fuel	<1	Process Plant	Tipped over fuel container	Spill was contained and contaminated soil picked up and disposed of appropriately
10/28/2017	Hydraulic Oil	10	Other	Ruptured hydraulic hose	Spill was contained and contaminated soil picked up and disposed of appropriately
10/30/2017	Coolant	4	AWAR	Cooling system malfunction	Spill was contained and contaminated soil picked up and disposed of appropriately