



MELIADINE DIVISION

Monitoring Program Summary Report

June 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 for the month.

In addition, a summary of spills/actions for the month is reported.

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

Table 1 details monthly water usage approved under Water License 2AM-MEL1631. No water was obtained along the road or Meliadine River for dust suppression activities.

MEL-11	Monthly Usage (m ³)
Camp	1229
MEL-26 (A8)	
Construction – Batch Plant	327
Total June	1556
Total 2017	3570

2.2 DEWATERING ACTIVITIES

No dewatering activities occurred in June 2017.

2.3 CP1

No water was discharged from CP1 into Meliadine Lake via the Final Discharge Point (MEL-14) in June 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 is currently not in operation, therefore no seepage or runoff was observed.

2.5 SEWAGE TREATMENT PLANT

During the month of June, 1,076 m³ of water were discharged into CP1. The total in 2017 is 2,356 m³. The total amount of sewage sludge disposed of in June is 45 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 is currently not in operation, so no material was placed in it.

The Landfarm is currently not in operation, so no material was placed in it.

3.2 ORE

No ore has been piled or processed.

3.3 WASTE ROCK STORAGE FACILITY

In the month of June, a total of 11,689 m³ of rock were mined underground for ramp advancement and used for construction purposes (e.g. road, dikes, etc).

3.4 TAILINGS

No tailings have been stored to date.

SECTION 4 • SPILL MANAGEMENT

4.1 INTERNAL AND REPORTABLE SPILLS

All 11 spills reported internally were managed appropriately on site according to Agnico's spill contingency plan. Spills were contained and cleaned, contaminated material was disposed to the appropriate area and the clean-up actions were monitored closely by the Environment Department. Following table 4.1 presents the internal reported spills for the Meliadine Project.

There were no reportable spills in June 2017.

Table 4.1: Summary of AEM Internal Spill Reports

Date of Occurrence	Substance Spilled	Qty, L	Location	Cause of the spill	Clean-up measures taken
10/06/2017	Tar	0.5	Camp	Equipment bucket containing tar was knocked over.	Spill was contained and contaminated soil picked up and disposed of appropriately
17/06/2017	Hydraulic Oil	1	Camp	Broken hydraulic line on dozer.	Spill was contained and contaminated soil picked up and disposed of appropriately
18/06/2017	Engine Oil	1	Portal	Unknown source.	Contaminated soil picked up and disposed of appropriately
19/06/2017	Engine Oil	5	Camp	Drums were placed on top of the tote container; the resulting weight caused the containers inside the tote to leak.	Spill was contained and contaminated soil picked up and disposed of appropriately
21/06/2017	Hydraulic Oil, Diesel and Transmission Fluid	1	Other	Fuel truck malfunction during the refueling of tank #30.	Spill was contained and contaminated soil picked up and disposed of appropriately
21/06/2017	Transmission Fluid	0.1	Other	Fuel truck malfunction during the refueling of tank #21.	Spill was contained and contaminated soil picked up and disposed of appropriately
21/06/2017	Engine Oil	0.25	Other	Fuel truck malfunction during the refueling of tank #21.	Spill was contained and contaminated soil picked up and disposed of appropriately
23/06/2017	Hydraulic Oil	90	Waste Rock Storage	Broken hydraulic hose.	Spill was contained and contaminated soil picked up and disposed of in the landfarm
23/06/2017	Hydraulic Oil	2	Industrial Pad	Broken hydraulic hose.	Contaminated soil picked up and disposed of appropriately
24/06/2017	Hydraulic Oil	1	Industrial Pad	While driving on the industrial pad with the bob cat, the rear left wheel came off and caused a leak	Contaminated soil picked up and disposed of appropriately
29/06/2017	Diesel	30	Fuel farm	Valve malfunction on fuel truck.	Contaminated soil picked up and disposed of in the landfarm