



AGNICO EAGLE

MEADOWBANK COMPLEX

Monitoring Program Summary Report

May 2025

Type A Water License 2AM-MEA1530

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SECTION 1 • BACKGROUND

On June 13, 2020, Agnico Eagle received the minister's approval for the Water License 2AM-MEA1530 Amendment No.4. This amendment was required to authorize changes to the previously approved uses of water and deposit of wastes needed to reflect the expansion of the Whale Tail Mine.

As required under Part I, Item 21 of Type A Water License 2AM-MEA1530 (Amendment No.4), this report documents the water management and monitoring activities at the mine site for the month. This includes water usage, Vault Attenuation Pond and Phaser Attenuation Pond discharge, East Dike Seepage discharge water quality, RSF Seepage, Central Dike Seepage, Assay Road Seepage, sewage treatment plant discharge water quality (which is directed to the onsite stormwater management pond), an update to the In-Pit disposal and follow up to the AWAR spill at KM 87.

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

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

Freshwater usage for the month is summarized in Table 2.1 below.

Table 2.1: Freshwater Usage (m³)

Water Location	Source Lake	Jan	Feb	Mar	Apr	May	Total
Camp	Third Portage Lake	2,768	2,515	2,695	2,678	2,724	13,380
Mill (freshwater tank)	Third Portage Lake	79,888	52,540	50,018	24,208	21,300	227,954
Emulsion plant	Unnamed Lake	0	0	0	0	0	0
Total Freshwater Usage (m³)		82,656	55,055	52,713	26,886	24,024	241,334
Ore Water (m³)	Ore	4,405	3,415	3,091	1,253	1,632	13,796
Reclaim Water Usage (m³)	Tailings Pond	326,315	278,145	331,041	219,417	253,450	1,408,368

2.2 WASTE ROCK STORAGE FACILITY SEEPAGE

In May, 14,022 m³ of water was pumped back to Portage Pit from the ST-16 sump. Of that amount, 9,221 m³ was transferred from WEP-1 sump and 5,130 m³ from WEP-2 sump to the ST-16 sump.

Agnico Eagle completed inspections at the Portage and Vault RSFs, no non-conformities were found during the month.

2.3 CENTRAL DIKE SEEPAGE

In May, 40,092 m³ of water was pumped from ST-S-5 sump to Portage Pits.

Sampling was conducted minimally on a monthly basis at ST-S-5 as per the requirements of the NWB Water License.

Visual inspections are completed monthly, by the Environment Department, as well as daily monitoring of piezometric values.

2.4 ASSAY ROAD SEEPAGE

In May, 7,155 m³ of water was pumped from the mill trench back to the mill. Routine monitoring and inspection occurred during the month.

2.5 SEEPAGE AND RUNOFF FROM THE LANDFILL

The landfill was inspected weekly, and no seepage or runoff was observed.

2.6 SEWAGE TREATMENT PLANT

One (1) effluent wastewater sample was collected at the onsite sewage treatment plant (STP) in May. The Seprotech STP results are shown in Table 2.6.1 below; the LJ-Mix STP results are

shown in Table 2.6.2. The effluent from the STP is discharged to the Stormwater Management Pond.

In May, 475 m³ of water was pumped from the Stormwater Management Pond to Portage Pits.

Table 2.6.1: Seprotech Effluent Results

Parameters	Units	5/6/2025
Unionized Ammonia (NH ₃)	mg N/L	0.085
Ammonia-Nitrogen (NH ₃ -NH ₄)	mg N/L	47
Total Kjeldahl Nitrogen	mg N/L	46
BOD-5	mg/L	9
COD	mg/L	44
Total Suspended Solids	mg/L	6
Nitrate	mg N/L	4.67
Nitrite	mg N/L	1.42
pH*	Units	6.60
Fecal Coliform	UFC/100 mL	30
Total Coliform	UFC/100 mL	4,000

*Parameter measured by STP operators

Table 2.6.2: LJ-Mix Effluent Results

Parameters	Units	5/6/2025
Unionized Ammonia (NH ₃)	mg N/L	0.0041
Ammonia-Nitrogen (NH ₃ -NH ₄)	mg N/L	13
Total Kjeldahl Nitrogen	mg N/L	16
BOD-5	mg/L	13
COD	mg/L	38
Total Suspended Solids	mg/L	12
Nitrate	mg N/L	19.2
Nitrite	mg N/L	0.171
pH*	Units	5.80
Fecal Coliform	UFC/100 mL	420
Total Coliform	UFC/100 mL	4,000

*Parameter measured by STP operators

2.7 VAULT ATTENUATION POND EFFLUENT

No discharge has occurred from the Vault Attenuation Pond since October 9, 2017.

2.8 PHASER ATTENUATION POND

No water was pumped from the Phaser Attenuation Pond during the month.

No water was transferred from BB Phaser Pit sumps to the Phaser Attenuation Pond during the month.

2.9 EAST DIKE SEEPAGE EFFLUENT

No water was discharged from the East Dike to Second Portage Lake during the month. In May, water from the East Dike seepage was discharged into Portage Pits.

2.10 NON-CONTACT WATER

Portage Area East diversion ditch (ST-5) and West diversion ditch (ST-6) were not sampled in May due to the diversion ditches being frozen. Sampling is conducted during open water conditions.

2.11 IN-PIT DISPOSAL

Tailings were disposed of in Portage Pits and reclaim water was taken from Portage Pits for the month.

SECTION 3 • SPILL MANAGEMENT

Figure 3.1 shows reported and non-reported spills for 2025 broken down per month and Table 3.1 summarizes Agnico Eagle spill reports for May.

Five (5) spills occurred on site during the month with two (2) being reported to regulators. Spills were contained and cleaned, contaminated material was disposed of in the appropriate area, and the clean-up actions were monitored closely by the Environment Department. There were no off-site impacts to any watercourses.

Figure 3.1 2025 Reported and Non-Reported Spills

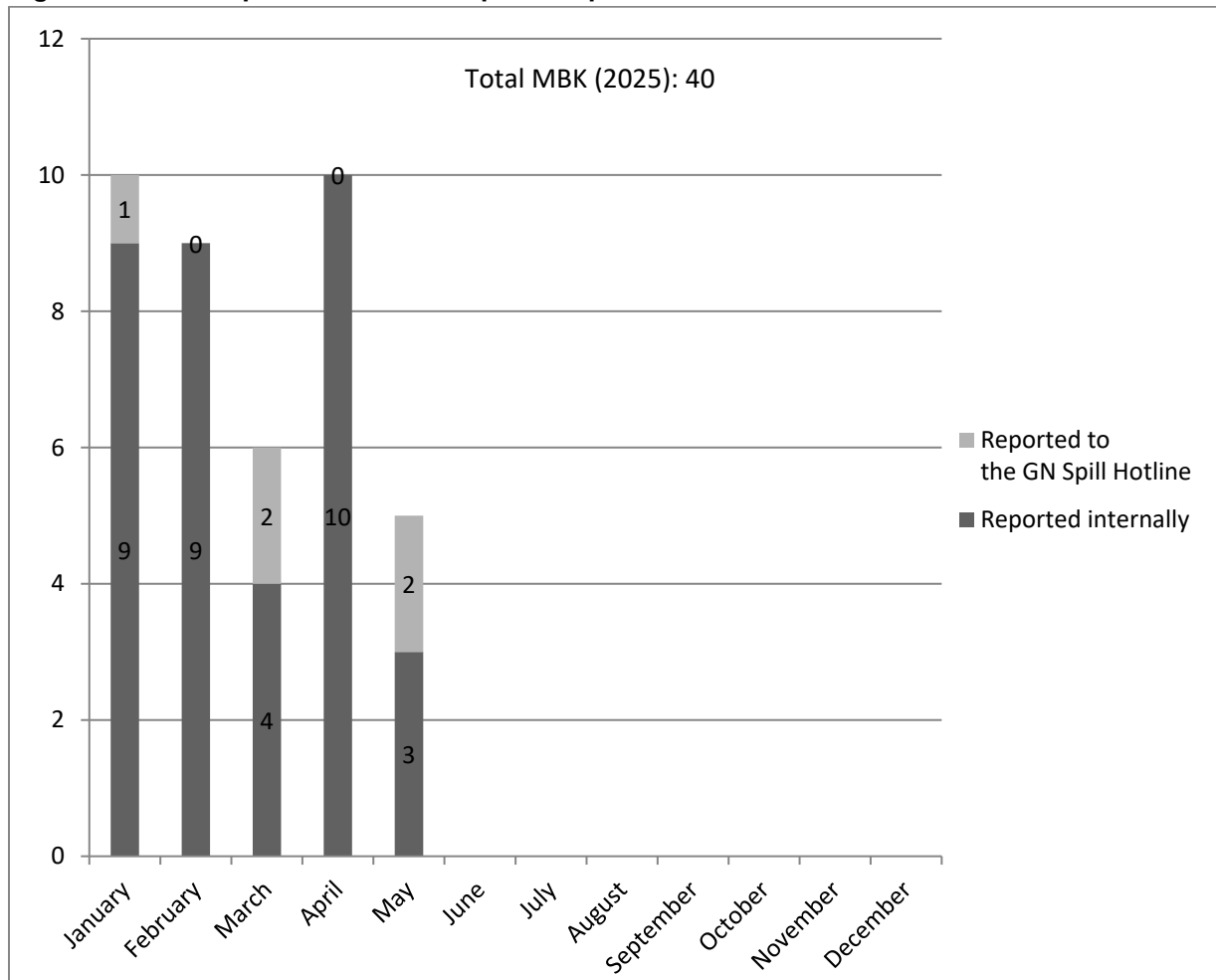


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, May 2025

Date of Spill	Hazardous Material	Quantity	Units	Location	Cause of spill	Clean-up action taken
5/6/2025	Hydraulic Oil	10	L	Cat Dome	Equipment failure	Contaminated soil was picked up and disposed in the yellow bin.
5/10/2025	Diesel Fuel	250	L	Fuel Farm	Human error & Equipment failure	The pump was immediately stopped, and absorbent material was used to collect and contain the fuel. A grader was called to scrape the area. ~5 m ³ of contaminated soil was collected and brought to the Meadowbank landfarm. Contaminated absorbent material was collected and brought to the Meadowbank Hazardous Waste Facility for segregation.
5/13/2025	Coolant	20	L	AWAR KM 96	Equipment failure	The contaminated material was collected and disposed in the roll-off bin to be disposed off at the Meadowbank Tailings Storage Facility.
5/22/2025	Waste Oil	750	L	Incinerator Building Seacan Laydown	Human error	A vacuum truck was deployed to recover as much of the spilled oil as possible. Spill response materials were applied, and a small berm was built to contain the spill within the affected area. All contaminated material was removed and disposed of at the Meadowbank landfarm.
5/24/2025	Windshield Washer Fluid	5	L	Quarry 23 - Drill & Blast Laydown	Improper storage	The contaminated material was collected and disposed in the roll-off bin to be disposed off at the Meadowbank Tailings Storage Facility.

3.1 KM 87 SPILL FOLLOW UP

In May, Agnico Eagle completed inspections at KM 87 spill areas. In preparation for Freshet, snow management in this area was started. No samples were collected during the month due to frozen conditions.