



MEADOWBANK COMPLEX

Monitoring Program Summary Report

June 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	Jun	Total
Camp	Third Portage Lake	2,768	2,515	2,695	2,678	2,724	2,648	16,028
Mill (freshwater tank)	Third Portage Lake	79,888	52,540	50,018	24,208	21,300	37,334	265,288
Emulsion plant	Unnamed Lake	0	0	0	0	0	0	0
Total Freshwater Usage (m³)		82,656	55,055	52,713	26,886	24,024	39,982	281,316
Ore Water (m³)	Ore	4,405	3,415	3,091	1,253	1,632	4,134	17,930
Reclaim Water Usage (m³)	Tailings Pond	326,315	278,145	331,041	219,417	253,450	298,511	1,706,879

2.2 WASTE ROCK STORAGE FACILITY SEEPAGE

In June, 10,899 m³ of water was pumped back to Portage Pit from the ST-16 sump. Of that amount, 10,480 m³ was transferred from WEP-1 sump and 4,091 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 June, 65,998 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 June, 4,129 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 June. 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 June, 1,950 m³ of water was pumped from the Stormwater Management Pond to Portage Pits.

Table 2.6.1: Seprotech Effluent Results

Parameters	Units	6/2/2025
Unionized Ammonia (NH ₃)	mg N/L	0.070
Ammonia-Nitrogen (NH ₃ -NH ₄)	mg N/L	41
Total Kjeldahl Nitrogen	mg N/L	44
BOD-5	mg/L	5
COD	mg/L	44
Total Suspended Solids	mg/L	4
Nitrate	mg N/L	7.04
Nitrite	mg N/L	1.82
pH*	Units	6.60
Fecal Coliform	UFC/100 mL	20
Total Coliform	UFC/100 mL	190

*Parameter measured by STP operators

Table 2.6.2: LJ-Mix Effluent Results

Parameters	Units	6/2/2025
Unionized Ammonia (NH ₃)	mg N/L	0.014
Ammonia-Nitrogen (NH ₃ -NH ₄)	mg N/L	21
Total Kjeldahl Nitrogen	mg N/L	24
BOD-5	mg/L	6
COD	mg/L	49
Total Suspended Solids	mg/L	7
Nitrate	mg N/L	18.5
Nitrite	mg N/L	0.396
pH*	Units	6.30
Fecal Coliform	UFC/100 mL	5,000
Total Coliform	UFC/100 mL	18,000

*Parameter measured by STP operators

2.7 VAULT ATTENUATION POND EFFLUENT

No discharge has occurred from the Vault Attenuation Pond to the receiving environment during the month.

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 seepage to Second Portage Lake during the month. In June, water from the East Dike seepage was discharged into Portage Pits.

2.10 NON-CONTACT WATER

In June, Agnico Eagle completed inspections at Portage Area East diversion ditch (ST-5) and West diversion ditch (ST-6) as part of the 2025 Freshet Management Plan. Portage Area East (ST-5) and West diversion ditches (ST-6) water quality results are shown in Tables 2.10.1 and 2.10.2, respectively.

TSS results for both stations did not exceed the maximum allowable grab sample concentration (30 mg/L), or the maximum average concentration (15 mg/L) permitted by the Water License, Part F, Item 7.

Table 2.10.1: Portage Area East Diversion Ditch (ST-5) Results

Parameter	Units	6/8/2025
Total Suspended Solids (TSS)	mg/L	1

Table 2.10.2: Portage Area West Diversion Ditch (ST-6) Results

Parameter	Units	6/8/2025
Total Suspended Solids (TSS)	mg/L	<1

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 June.

Five (5) spills occurred on site during the month with none (0) 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

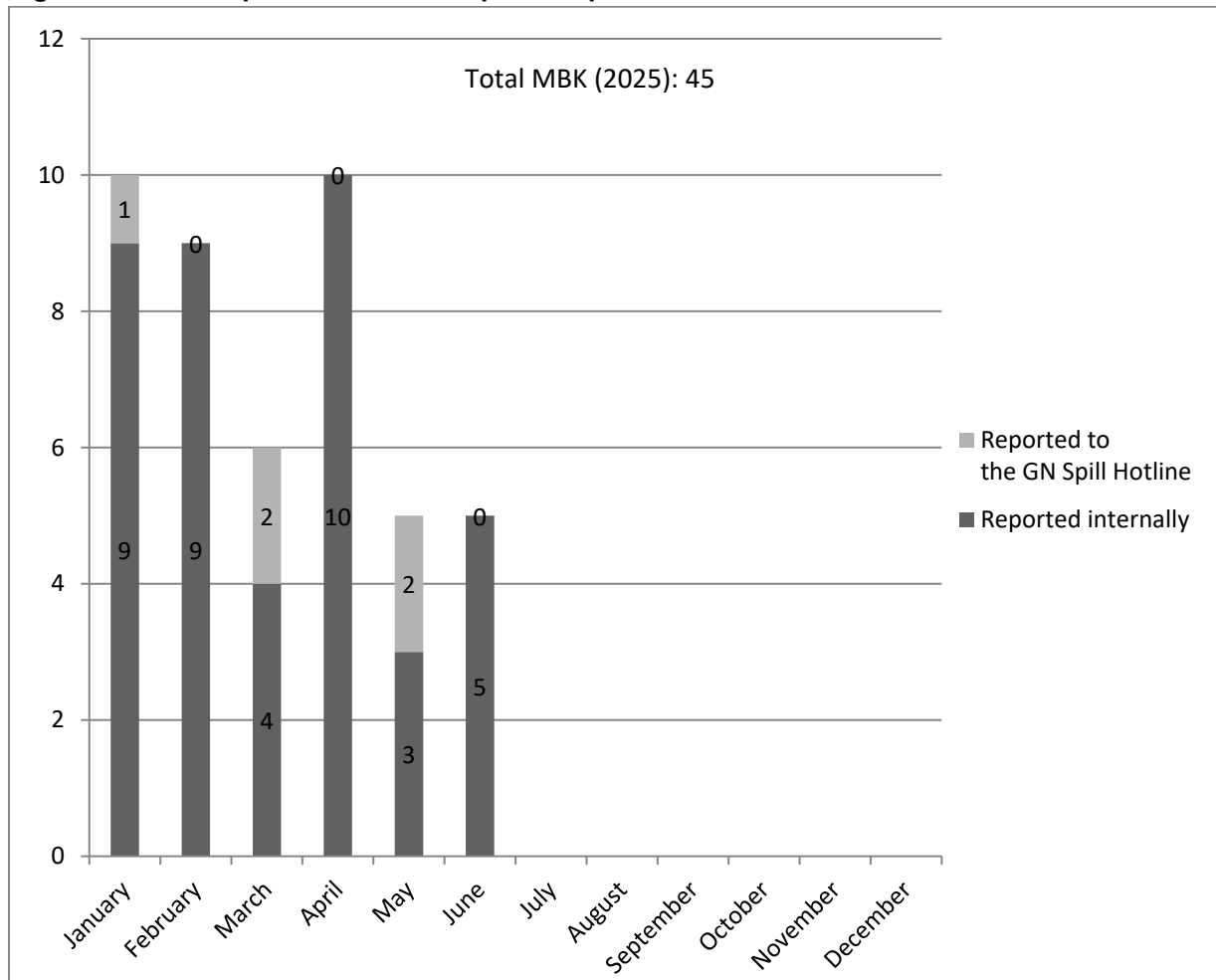


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, June 2025

Date of Spill	Hazardous Material	Quantity	Units	Location	Cause of spill	Clean-up action taken
6/10/2025	Coolant	2	L	Outside Warehouse Counter	Equipment failure	The contaminated material was collected and disposed in the roll-off bin to be disposed off at the Meadowbank Tailings Storage Facility.
6/10/2025	Differential Oil	3	L	Service Shop	Equipment failure	Absorbent pads used. Contaminated material was picked up and disposed in the yellow bin.
6/13/2025	Diesel Fuel	20	L	Fuel Farm	Unknown	Contaminated soil was picked up and disposed in the yellow bin.
6/13/2025	Waste Oil & Grease	20	L	Transit Laydown	Improper storage	Contaminated soil was picked up and disposed in the yellow bin.
6/23/2025	Diesel Fuel	10	L	PEL Shop	Equipment failure	Contaminated soil was picked up and disposed in the yellow bin.

3.1 KM 87 SPILL FOLLOW UP

In June, Agnico Eagle completed inspections at KM87 spill areas. A total of 3,280 m³ was pumped from the collection sump and brought to the Stormwater management pond. Sampling was collected downstream of the collection sump at sampling station ST-44. Water quality results are shown in Table 3.2.

Table 3.2: KM87 (ST-44) Results

Parameter	Unit	6/3/2025	6/8/2025	6/15/2025	6/22/2025	6/29/2025
pH	pH units	6.79	6.75	6.88	6.94	6.94
TSS	mg/L	21	5	10	6	3
Total oil and grease	mg/L	< 0.50	< 0.50	0.60	0.80	< 0.50
Benzene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Ethylbenzene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Toluene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Xylenes	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040
m,p-Xylenes	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040
o-Xylene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
F2 (C10-C16)	mg/L	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09
F3 (C16-C34)	mg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
F4 (C34-C50)	mg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Petroleum Hydrocarbons F (C10-C50)	mg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2