



MEADOWBANK COMPLEX

Monitoring Program Summary Report

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

Water Location	Source Lake	Jul	Aug	Sep	Oct	Nov	Total
Camp	Third Portage Lake	2,889	2,733	2,678	3,002	2,846	30,176
Mill (freshwater tank)	Third Portage Lake	42,159	39,447	35,816	41,642	32,937	457,289
Emulsion plant	Unnamed Lake	0	0	0	0	0	0
Total Freshwater Usage (m³)		45,048	42,180	38,494	44,644	35,783	487,465
Ore Water (m³)	Ore	3,731	4,284	3,361	4,344	5,198	38,848
Reclaim Water Usage (m³)	Tailings Pond	328,194	341,020	311,136	292,214	333,899	3,313,342

2.2 WASTE ROCK STORAGE FACILITY SEEPAGE

In November, no water was pumped back to Portage Pit from the ST-16 sump. No sampling was completed at WEP1 (Station ST-30) or WEP2 (station ST-31) during the month as they were frozen.

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

2.3 CENTRAL DIKE SEEPAGE

In November, 17,205 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 November, no water was pumped from the mill trench back to the mill due to frozen conditions. Routine inspections 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 November. 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 November, no water was pumped from the Stormwater Management Pond to Portage Pits.

Table 2.6.1: Seprotech Effluent Results

Parameters	Units	11/10/2025
Unionized Ammonia (NH ₃)	mg N/L	0.076
Ammonia-Nitrogen (NH ₃ -NH ₄)	mg N/L	26
Total Kjeldahl Nitrogen	mg N/L	33
BOD-5	mg/L	10
COD	mg/L	37
Total Suspended Solids	mg/L	10
Nitrate	mg N/L	10.4
Nitrite	mg N/L	1.47
pH*	Units	6.90
Fecal Coliform	UFC/100 mL	50
Total Coliform	UFC/100 mL	1,000

*Parameter measured by STP operators

Table 2.6.2: LJ-Mix Effluent Results

Parameters	Units	11/10/2025
Unionized Ammonia (NH ₃)	mg N/L	0.0025
Ammonia-Nitrogen (NH ₃ -NH ₄)	mg N/L	18
Total Kjeldahl Nitrogen	mg N/L	15
BOD-5	mg/L	4
COD	mg/L	27
Total Suspended Solids	mg/L	10
Nitrate	mg N/L	26.9
Nitrite	mg N/L	0.050
pH*	Units	5.60
Fecal Coliform	UFC/100 mL	640
Total Coliform	UFC/100 mL	3,600

*Parameter measured by STP operators

2.7 VAULT ATTENUATION POND EFFLUENT

Discharge to from Vault Attenuation Pond to Wally Lake occurred from November 1st to 10th, a total of 136,140 m³ was discharged.

Three (3) weekly effluent samples were collected at ST-10 in November. As per Water License Part F Item 4, the effluent from this discharge shall not exceed the limits detailed in Table 2.7.1 below. No non-compliances were observed during the month of November related to this discharge to the receiving environment. There were no exceedances of Water License or MDMER limits during the month.

Table 2.7.1: Vault Attenuation Pond Discharge to Wally Lake (ST-10)

Parameter	Maximum Authorized Concentration Grab Sample	Maximum Authorized Monthly Mean Concentration	Unit	Sample Date			Monthly Average
				11/5/2025	11/8/2025	11/10/2025	
Field Measured							
pH	6.0 - 9.0	6.0 - 9.0	pH units	8.12	7.80	7.61	7.84
Turbidity	15	15	NTU	3.66	3.90	4.30	3.95
Conventional Parameters							
Total suspended solids	30	15	mg/L	15	2	<1	5.8
Major Ions							
Chloride	1000	500	mg/L	2.6	2.5	2.7	2.6
Nutrients							
Ammonia nitrogen (NH ₃ -N)	40	20	mg N/L	< 0.050	< 0.050	< 0.050	0.025
Total nitrate (NO ₃ -N)	100	50	mg N/L	< 0.10	< 0.10	< 0.10	0.05
Total phosphorus	3.0	1.5	mg P/L	< 0.0010	0.0019	< 0.0010	0.0010
Total Metals							
Aluminum	3.0	1.5	mg/L	0.0240	0.0292	0.0265	0.0266
Arsenic	0.2	0.1	mg/L	0.00067	0.00065	0.00071	0.00068
Cadmium	0.004	0.002	mg/L	< 0.000010	< 0.000010	< 0.000010	0.000005
Copper	0.2	0.1	mg/L	0.00148	0.00154	0.00165	0.00156
Lead	0.2	0.1	mg/L	< 0.00020	< 0.00020	< 0.00020	0.00010
Mercury	0.008	0.004	mg/L	< 0.00001	< 0.00001	< 0.00001	0.000005
Nickel	0.4	0.2	mg/L	0.0011	0.0011	0.0014	0.0012
Zinc	0.4	0.2	mg/L	< 0.0050	< 0.0050	< 0.0050	0.0025
Dissolved Metals							
Aluminum	2.0	1.0	mg/L	0.0041	0.0045	0.0046	0.0044

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 November, 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 November 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 November.

Two (2) spills occurred on site during the month with one (1) 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

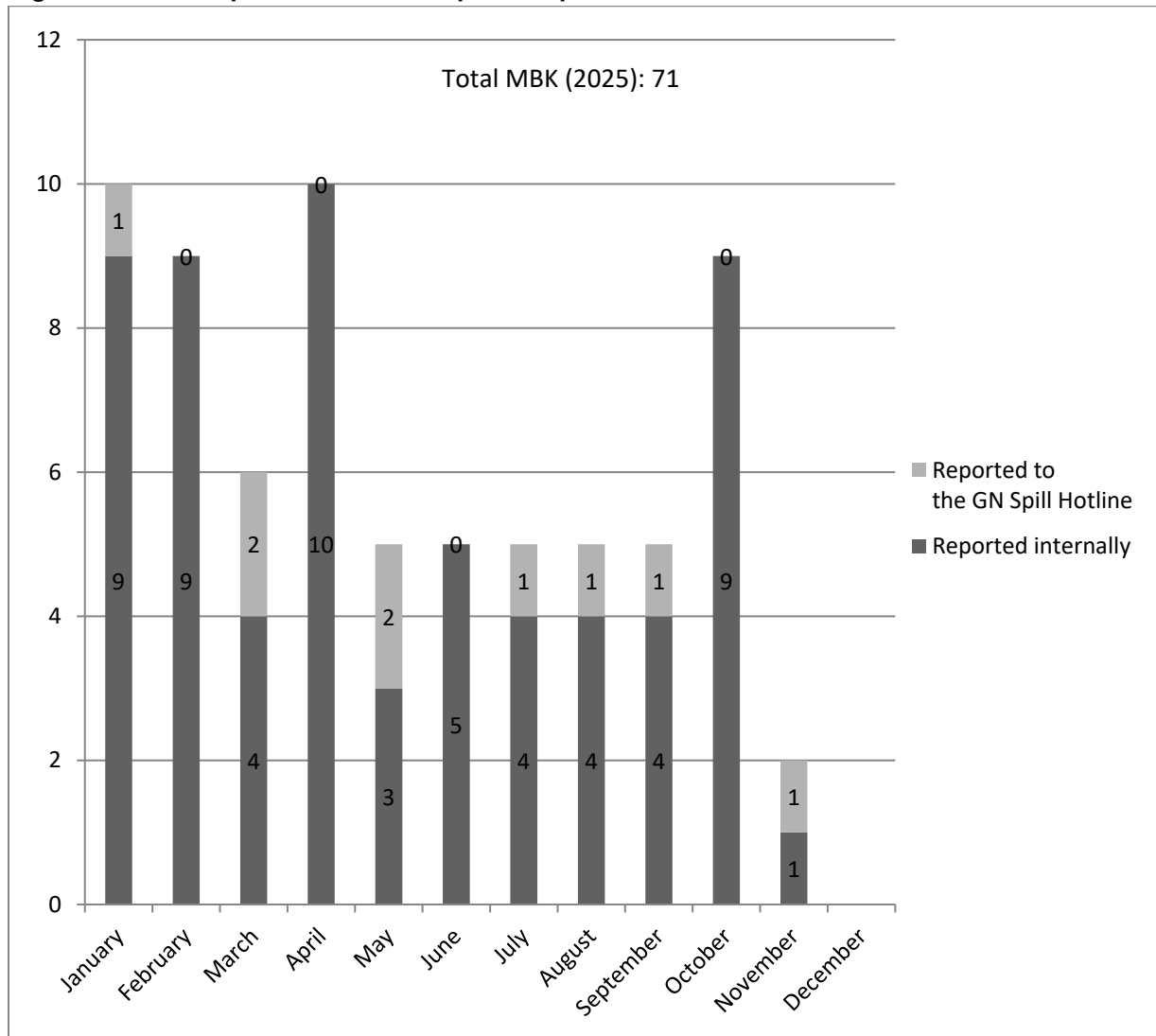


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, November 2025

Date of Spill	Hazardous Material	Quantity	Units	Location	Cause of spill	Clean-up action taken
11/8/2025	Copper Sulfate	20	Kg	CAT Dome	Equipment damaged	The holes in the sea can were sealed, and equipment was dispatched to scrape and clean the affected area. The contaminated material was then transported to the Tailings Storage Facility for disposal.
11/30/2025	Diesel Fuel	10	L	LHT Winter Parking	Human error	Absorbent pads used. 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 November, Agnico Eagle completed inspections at KM87 spill areas. No samples were collected during the month due to frozen conditions.