



AGNICO EAGLE

WHALE TAIL MINE

Monitoring Program Summary Report

July 2024

Type A Water License 2AM-WTP1830

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SECTION 1 • BACKGROUND

On June 13, 2020, Agnico Eagle received the minister's approval for the Water License 2AM-WTP1830 Amendment No.1. 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 22 of Type A Water License 2AM-WTP1830, this report documents the water management and monitoring activities at the mine site for the month. This includes water usage, water and seepage monitoring around site, sewage treatment plant discharge and Attenuation Pond discharge.

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	April
Camp	Nemo	3,910	3,509	3,711	3,733
Construction/Operation	Nemo	7,034	7,485	7,624	6,205
Dust Suppression	WTHR Pond	0	0	0	0
Explosive	Kangislulik Lake	0	0	0	0
Drilling	Proximal Sources	0	0	0	0
Total Freshwater Usage (m³)		10,944	10,994	11,335	9,938

Water Location	Source Lake	May	June	July	Total
Camp	Nemo	3,746	3,413	3,448	25,470
Construction/Operation	Nemo	6,615	4,720	4,023	43,705
Dust Suppression	WTHR Pond	1,514	712	3,560	5,786
Explosive	Kangislulik Lake	0	0	0	0
Drilling	Proximal Sources	0	0	0	0
Total Freshwater Usage (m³)		11,875	8,845	11,031	74,961

2.2 LAKE WATER MONITORING

Lakes around the Whale Tail Mine are monitored on a monthly basis during the open water season. In July, monthly samples were taken at Lake A16 (ST-WT-14) and Lake A15 (ST-WT-15).

2.3 WHALE TAIL SOUTH CHANNEL

The Whale Tail South Channel was operational in July. No quality concerns were observed.

2.4 WHALE TAIL DIKE SEEPAGE MONITORING

Seepage at the toe of Whale Tail dike (WTD) was still observed during the month. Agnico Eagle continues to manage seepage water from WTD as part of the Whale Tail Attenuation Pond.

Seepage water quality is monitored as per requirements of the Water License. The sampling station is ST-WT-17 and is sampled on a monthly basis for Group 1 parameters.

2.5 SEWAGE TREATMENT PLANT

Effluent from the sewage treatment plant (STP) is discharged to the IVR Attenuation Pond. As per Water License Schedule I Sampling Station ST-WT-11, effluent is to be sampled four times per calendar year. Agnico Eagle is currently sampling the STP monthly and thus a sample was taken in July. A total of 5,209 m³ was discharged during the month.

2.6 WHALE TAIL/IVR ATTENUATION PONDS

Water from the IVR Attenuation Pond was discharged during the month from July 1st to July 16th in Kangislulik Lake. Water was treated by the Water Treatment Plan before discharge. A total of 267,208 m³ was discharged to Kangislulik Lake.

As per Water License Part F Item 5, the effluent from this discharge shall not exceed the limits detailed in Table 2.6.1 below. No non-compliance was observed during the month of July related to this discharge to the receiving environment. There were no exceedances of Water License or MDMER limits during the month.

Table 2.6.1: IVR Attenuation Pond Discharge to Kangislulik Lake Diffusor (ST-WT-2a)

Parameter	Maximum Authorized Concentration Grab Sample	Maximum Authorized Monthly Mean Concentration	Unit	Sample Date			Monthly Average
				7/1/2024	7/8/2024	7/15/2024	
Field Measured							
pH	6.0 - 9.5	6.0 - 9.5	pH units	7.55	7.31	7.60	7.49
Conventional Parameters							
Total suspended solids	30	15	mg/L	4	1	2	2.33
Nutrients							
Total phosphorus	0.6	0.3	mg P/L	0.0025	< 0.0010	0.001	0.0013
Ammonia nitrogen (NH ₃ -N)	32	16	mg N/L	0.29	0.43	0.21	0.31
General Organics							
Total petroleum hydrocarbons	6	3	mg/L	< 0.2	< 0.2	< 0.2	0.1
Total Metals							
Aluminum	1	0.5	mg/L	0.0256	0.0063	0.0084	0.0134
Arsenic	0.2	0.1	mg/L	0.0356	0.0151	0.0168	0.0225
Cadmium	0.004	0.002	mg/L	0.000013	<0.000010	<0.000010	0.0000077
Chromium	0.04	0.02	mg/L	< 0.0010	< 0.0010	< 0.0010	0.0005
Copper	0.2	0.1	mg/L	0.00095	0.00071	0.00065	0.00077
Iron	2	1	mg/L	0.992	0.280	0.423	0.565
Lead	0.1	0.05	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	0.5	0.25	mg/L	0.0146	0.0124	0.0097	0.0122
Zinc	0.2	0.1	mg/L	0.0132	0.0059	0.006	0.0084

SECTION 3 • SPILL MANAGEMENT

Figure 3.1 shows reported and non-reported spills for 2024 broken down per month and Table 3.1 summarizes Agnico Eagle spill reports for July.

Eight (8) spills occurred on site during the month with one (1) reported to regulators. 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. There was no off-site impact to any watercourses.

Figure 3.1 2024 Reported and Non-Reported Spills

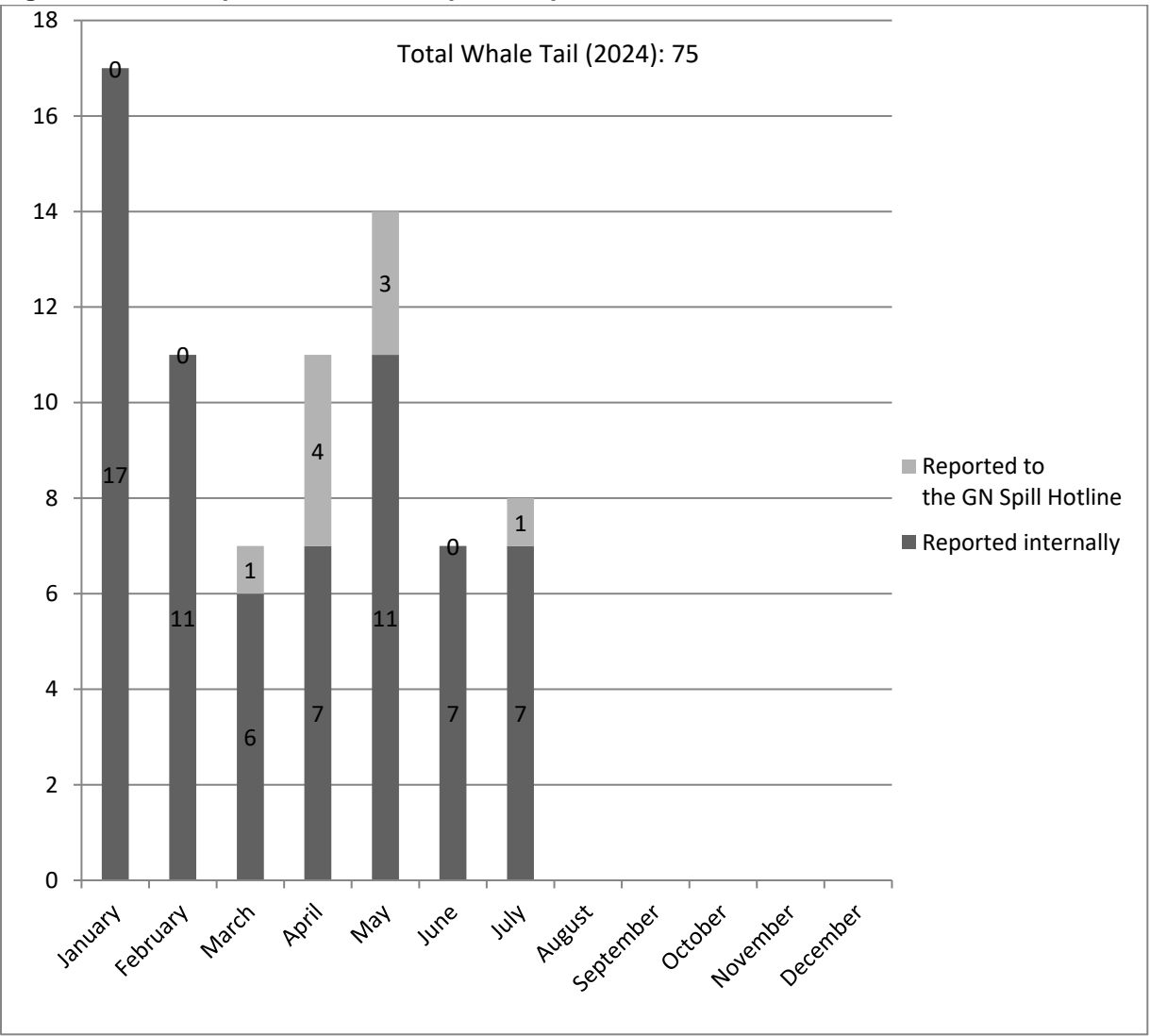


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, July 2024

Date of Spill	Hazardous Material	Quantity	Units (L / Kg)	Location	Cause of spill	Clean-up action taken
7/2/2024	Hydraulic Oil	25	L	Whale Tail Pit	Mechanical Failure	Contaminated material was collected and placed in roll off bin for disposal at the WT Landfarm
7/8/2024	Hydraulic Oil	30	L	Phase 2	Mechanical Failure	The operator stopped the truck and informed dispatch. Contaminated material was collected and disposed at the WT Landfarm
7/8/2024	Diesel	1	L	Quarry at KM150	Improper Storage	Contaminated material was collected and disposed at the WT Landfarm
7/9/2024	Engine Oil	10	L	WTHR KM114	Mechanical Failure	Driver called their supervisor immediately and placed spill pads down to cleanup the oil. Contaminated material was collected and disposed at the Landfarm
7/12/2024	Anti-Washout Admixture	150	L	Warehouse Pad	Incorrect storage and handling of product	All nearby sea cans were relocated to allow a loader to scrape and remove the contaminated material. ~5m ³ of contaminated material was collected and be disposed of at the Meadowbank Tailings Storage Facility.
7/13/2024	Hydraulic Oil	15	L	IVR EXT Pit	Mechanical Failure	Spill was contained. Contaminated material was collected and disposed at the WT Landfarm
7/14/2024	Diesel Fuel	5	L	Camp Genset	Human Error	Contaminated material was collected and disposed at the WT Landfarm
7/22/2024	Coolant	8	L	Shovel pad Top Phase 2 Ramp	Human Error	Contaminated material was collected and placed in a roll off bin for disposal at the MBK tailings area