



AGNICO EAGLE

WHALE TAIL MINE

Monitoring Program Summary Report

April 2024

Type A Water License 2AM-WTP1830

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SECTION 1 • BACKGROUND

On May 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	Total
Camp	Nemo	3,910	3,509	3,711	3,733	14,863
Construction/Operation	Nemo	7,034	7,485	7,624	6,206	28,348
Dust Suppression	WTHR Pond	0	0	0	0	0
Explosive	Kangislulik Lake	0	0	0	0	0
Drilling	Proximal Sources	0	0	0	0	0
Total Freshwater Usage (m³)		10,944	10,994	11,335	9,939	43,212

2.2 LAKE WATER MONITORING

Lakes around the Whale Tail Mine are monitored on a monthly basis during the open water season. In April, no samples were taken at Lake A16 (ST-WT-14) and Lake A15 (ST-WT-15) due to freezing conditions.

2.3 WHALE TAIL SOUTH CHANNEL

The Whale Tail South Channel was operational in April. No water is present due to frozen conditions.

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 minimally 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 April. A total of 3,375 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 April 14th to 30th in Whale Tail South. Water was treated by the Water Treatment Plan before discharge. A total of 153,410m³ was discharged to Whale Tail South.

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 observed during the month of April related to this discharge to the receiving environment. There were no exceedances of Water License or MDMER limits during the month.

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Table 2.6.1: IVR Attenuation Pond Discharge to Whale Tail South Diffusor (ST-WT-24)

Parameter	Maximum Authorized Concentration Grab Sample	Maximum Authorized Monthly Mean Concentration	Unit	Sample Date			Monthly Average
				4/15/2024	4/22/2024	4/29/2024	
Field Measured							
pH	6.0 - 9.5	6.0 - 9.5	pH units	7.52	7.24	7.02	7.26
Conventional Parameters							
Total suspended solids	30	15	mg/L	1	<1	2	1.17
Nutrients							
Total phosphorus	0.6	0.3	mg P/L	< 0.0010	< 0.0010	< 0.0010	0.0005
Ammonia nitrogen (NH ₃ -N)	32	16	mg N/L	1.10	0.98	0.90	0.993
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	0.005	0.0043	0.0041	0.0045
Arsenic	0.2	0.1	mg/L	0.00386	0.00153	0.00197	0.00245
Cadmium	0.004	0.002	mg/L	<0.000010	0.000013	0.000011	0.0000097
Chromium	0.04	0.02	mg/L	< 0.0010	< 0.0010	< 0.0010	0.0005
Copper	0.2	0.1	mg/L	0.00148	0.00105	0.00094	0.00116
Iron	2	1	mg/L	0.308	0.160	0.203	0.224
Lead	0.1	0.05	mg/L	< 0.00020	0.00023	< 0.00020	0.00014
Mercury	0.008	0.004	mg/L	< 0.00001	< 0.00001	< 0.00001	0.000005
Nickel	0.5	0.25	mg/L	0.0044	0.0063	0.007	0.0059
Zinc	0.2	0.1	mg/L	0.0089	< 0.0050	< 0.0050	0.0046

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 April.

Eleven (11) spills occurred on site during the month with four (4) 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

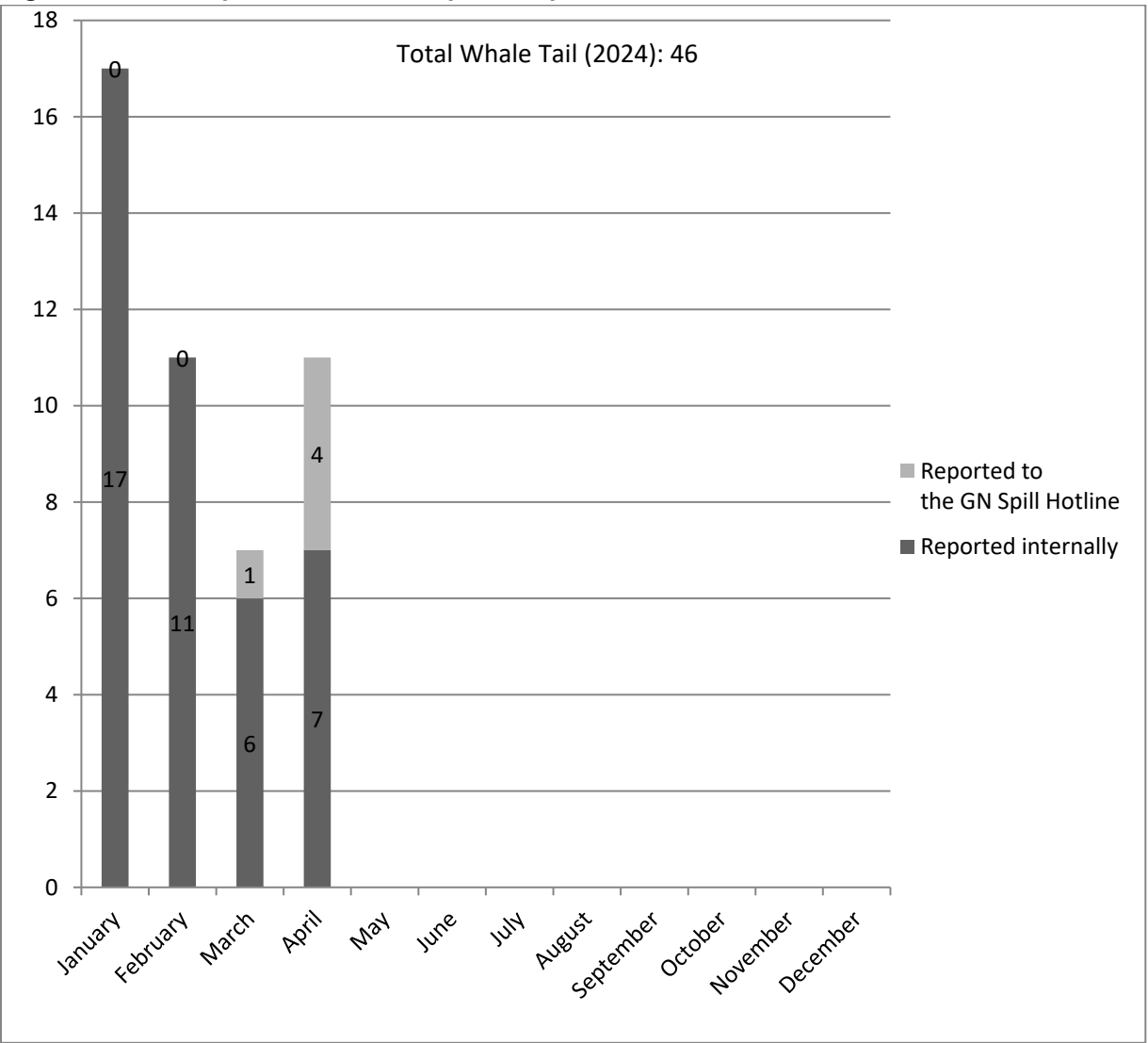


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, April 2024

Date of Spill	Hazardous Material	Quantity	Units (L / Kg)	Cause of spill	Clean-up action taken
4/7/2024	Potassium Permanganate	50	L	Human Error	The operator quickly closed the valve and informed their supervisor of the spill. The contaminated material was collected and was transported to the Meadowbank Tailing Storage Facility for disposal.
4/9/2024	Transmission Oil	220	L	Human Error	Spill pads were placed on the ground, the sea can was moved, and a loader was used to scrape and remove the contaminated material. The contaminated material was collected and disposed at the proper facility.
4/13/2024	Coolant	20	L	Mechanical Failure	Contaminated material was collected and placed in the roll off bin for disposal at the MBK TSF.
4/13/2024	Grease	10	m ³	Equipment Damage	Upon discovery workers immediately cleared the overburden of snow using hand shovels. The contaminated material that was accessible was disposed of at the Meadowbank tailings area. Due to the location, time and nature of the spill additional remediation work will occur later in the spring when the ground has thawed to allow for better recovery of contaminated material.
4/14/2024	Diesel	10	L	Maintenance	Contaminated material was collected and placed in quatrex bags and brought to the WT HazMat.
4/15/2024	Coolant	2	L	Human Error	Contaminated material was collected and placed in the roll off bin for disposal at the MBK TSF.
4/23/2024	Hydraulic Oil	150	L	Mechanical Failure	Spill pads were placed on the ground and a loader was used to scrape and remove the contaminated material. The contaminated snow was collected and disposed of at the WT Landfarm.
4/25/2024	Hydraulic Oil	70	L	Mechanical Failure	Contaminated material was collected and placed in the roll off bin for disposal at the WT Landfarm.
4/26/2024	Diesel	40	L	Mechanical Failure	Contaminated material was collected and placed in the roll off bin for disposal at the WT Landfarm.
4/28/2024	Hydraulic Oil	20	L	Mechanical Failure	Spill pads were placed on the ground. Contaminated material was collected in Quatrex Bags and brought to the WT Hazmat.
4/30/2024	Hydraulic Oil	80	L	Mechanical Failure	Contaminated material was collected and placed in the roll off bin for disposal at the WT Landfarm.