



AGNICO EAGLE

WHALE TAIL MINE

Monitoring Program Summary Report

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

Water Location	Source Lake	April	May	June	Total
Camp	Nemo	3,733	3,746	3,413	22,022
Construction/Operation	Nemo	6,205	6,615	4,720	39,682
Dust Suppression	WTHR Pond	0	1,514	712	2,226
Explosive	Kangislulik Lake	0	0	0	0
Drilling	Proximal Sources	0	0	0	0
Total Freshwater Usage (m³)		9,938	11,875	8,845	63,930

2.2 LAKE WATER MONITORING

Lakes around the Whale Tail Mine are monitored on a monthly basis during the open water season. In June, 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 June. 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 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 June. A total of 4,124 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 June 1st to June 8th and June 10th to June 29th in Whale Tail South. Water was treated by the Water Treatment Plan before discharge. A total of 381,044 m³ 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 was observed during the month of June 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
				6/3/2024	6/10/2024	6/17/2024	6/24/2024	
Field Measured								
pH	6.0 - 9.5	6.0 - 9.5	pH units	7.21	7.41	7.75	7.5	7.4675
Conventional Parameters								
Total suspended solids	30	15	mg/L	3	2	1	2	2
Nutrients								
Total phosphorus	0.6	0.3	mg P/L	< 0.0010	< 0.0010	< 0.0010	0.0014	0.00073
Ammonia nitrogen (NH ₃ -N)	32	16	mg N/L	0.44	0.42	0.24	0.59	0.4225
General Organics								
Total petroleum hydrocarbons	6	3	mg/L	< 0.2	< 0.2	< 0.2	< 0.2	0.1
Total Metals								
Aluminum	1	0.5	mg/L	0.0145	0.0104	0.0112	0.0144	0.012625
Arsenic	0.2	0.1	mg/L	0.00176	0.00171	0.00296	0.0108	0.0043075
Cadmium	0.004	0.002	mg/L	< 0.000010	0.00001	< 0.000010	0.000012	0.000008
Chromium	0.04	0.02	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0005
Copper	0.2	0.1	mg/L	0.0064	< 0.00050	0.00093	0.00086	0.00211
Iron	2	1	mg/L	0.274	0.189	0.215	0.385	0.26575
Lead	0.1	0.05	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.0001
Mercury	0.008	0.004	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001	0.000005
Nickel	0.5	0.25	mg/L	0.0053	0.0064	0.0068	0.0125	0.00775
Zinc	0.2	0.1	mg/L	0.091	0.0084	0.0071	0.0076	0.028525

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 June.

Seven (7) spills occurred on site during the month with zero (0) 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

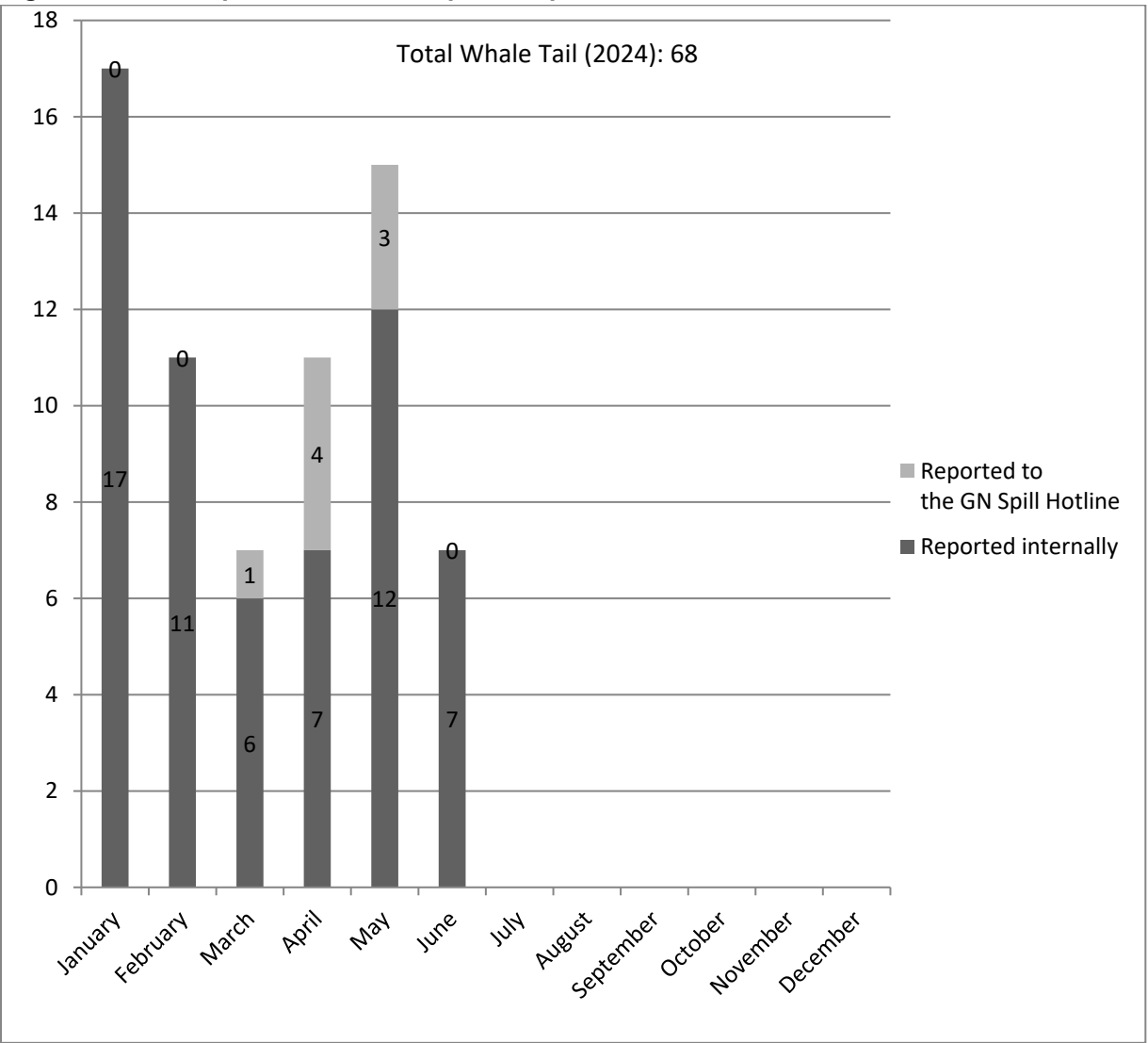


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, June 2024

Date of Spill	Hazardous Material	Quantity	Units (L / Kg)	Location	Cause of spill	Clean-up action taken
6/1/2024	Hydraulic Oil	10	L	Whale Tail	Mechanical Failure	Contaminated material was collected and placed in roll off bin for disposal at the WT Landfarm
6/1/2024	Hydraulic Oil	20	L	Whale Tail	Mechanical Failure	Contaminated material was disposed of at the WT land farm. Absorbent matting was brought to the WT HazMat
6/8/2024	Hydraulic Oil	10	L	Whale Tail	Mechanical Failure	Contaminated material was collected and placed in roll off bin for disposal at the WT Landfarm
6/14/2024	Hydraulic Oil	5	L	Whale Tail	Mechanical Failure	Contaminated material was collected and placed in roll off bin for disposal at the WT Landfarm
6/20/2024	Hydraulic Oil	20	L	Whale Tail	Mechanical Failure	Contaminated material was collected and placed in roll off bin for disposal at the WT Landfarm
6/22/2024	Hydraulic Oil	45	L	Whale Tail	Mechanical Failure	Contaminated material was collected and placed in roll off bin for disposal at the WT Landfarm
6/27/2024	Coolant	0.5	L	Whale Tail	Mechanical Failure	Absorbent pads were placed on the spill and disposed at the Meadowbank Hazmat