



AGNICO EAGLE

WHALE TAIL MINE

Monitoring Program Summary Report

October 2024

Type A Water License 2AM-WTP1830

Table of Contents

SECTION 1 • BACKGROUND 3

SECTION 2 • WATER MANAGEMENT 4

2.1 WATER USAGE4

2.2 LAKE WATER MONITORING.....4

2.3 WHALE TAIL SOUTH CHANNEL.....4

2.4 WHALE TAIL DIKE SEEPAGE MONITORING.....4

2.5 SEWAGE TREATMENT PLANT4

2.6 WHALE TAIL/IVR ATTENUATION PONDS5

SECTION 3 • SPILL MANAGEMENT 7

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	May	June
Camp	Nemo	3,910	3,509	3,711	3,733	3,746	3,413
Construction/Operation	Nemo	7,034	7,485	7,624	6,205	6,615	4,720
Dust Suppression	WTHR Pond	0	0	0	0	1,514	712
Explosive	Kangislulik Lake	0	0	0	0	0	0
Drilling	Proximal Sources	0	0	0	0	0	0
Total Freshwater Usage (m³)		10,944	10,994	11,335	9,938	11,875	8,845

Water Location	Source Lake	July	Aug	Sept	Oct	Total
Camp	Nemo	3,448	3,178	3,520	3,604	35,772
Construction/Operation	Nemo	4,023	3,260	3,757	4,576	55,298
Dust Suppression	WTHR Pond	3,560	2,539	90	0	8,415
Explosive	Kangislulik Lake	0	0	0	0	0
Drilling	Proximal Sources	0	0	0	0	0
Total Freshwater Usage (m³)		11,031	8,977	7,367	8,180	99,485

2.2 LAKE WATER MONITORING

Lakes around the Whale Tail Mine are monitored on a monthly basis during the open water season. In October, 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 October. 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 October. A total of 3,600 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 October 1st to October 8th and October 21st to October 31st in Whale Tail South Lake. Water was treated by the Water Treatment Plant before discharge. A total of 451,056 m³ was discharged to Whale Tail South 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 October 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 Whale Tail South Lake Diffusor (ST-WT-24)

Parameter	Maximum Authorized Concentration Grab Sample	Maximum Authorized Monthly Mean Concentration	Unit	Sample Date				Monthly Average
				10/1/2024	10/7/2024	10/22/2024	10/28/2024	
Field Measured								
pH	6.0 - 9.5	6.0 - 9.5	pH units	7.65	6.82	7.18	7.33	7.25
Conventional Parameters								
Total suspended solids	30	15	mg/L	4	1	2	1	2
Nutrients								
Total phosphorus	0.6	0.3	mg P/L	0.0022	0.0036	0.0019	< 0.0010	0.0021
Ammonia nitrogen (NH ₃ -N)	32	16	mg N/L	0.95	0.66	0.24	1.10	0.74
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	0.0167	0.0087	0.0119	0.0051	0.0106
Arsenic	0.2	0.1	mg/L	0.0297	0.0279	0.0310	0.0229	0.0279
Cadmium	0.004	0.002	mg/L	0.000025	0.000013	0.000015	0.000023	0.000019
Chromium	0.04	0.02	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0005
Copper	0.2	0.1	mg/L	0.00144	0.00208	0.00088	0.00108	0.00137
Iron	2	1	mg/L	0.513	0.377	0.561	0.289	0.4350
Lead	0.1	0.05	mg/L	0.00045	< 0.00020	< 0.00020	< 0.00020	0.00019
Mercury	0.008	0.004	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001	0.000005
Nickel	0.5	0.25	mg/L	0.0260	0.0234	0.0196	0.0346	0.0259
Zinc	0.2	0.1	mg/L	< 0.0050	0.0086	0.0061	0.0055	0.0057

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 October.

One (1) spill occurred on site during the month with none (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

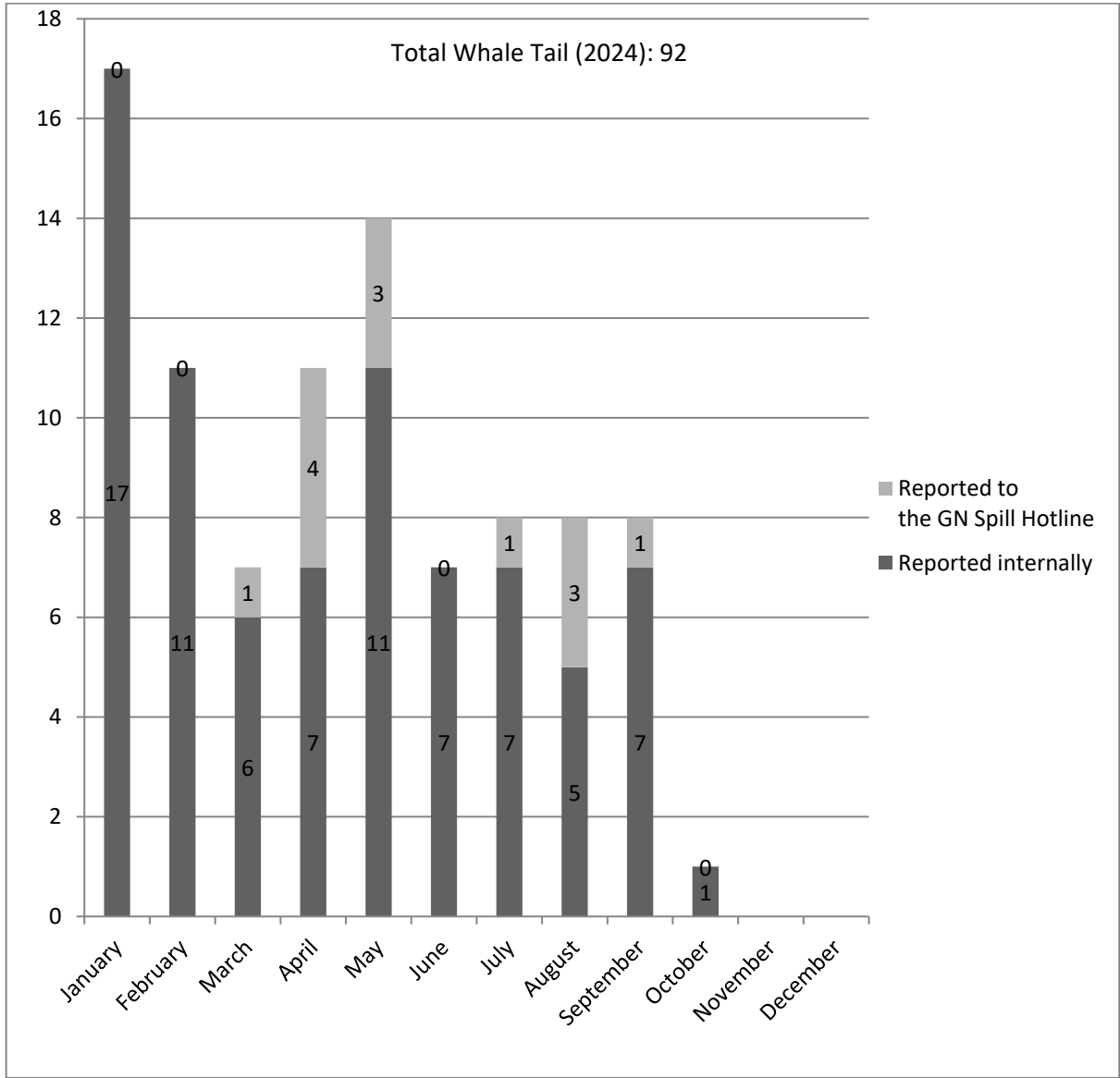


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, October 2024

Date of Spill	Hazardous Material	Quantity	Units (L / Kg)	Location	Cause of spill	Clean-up action taken
10/7/2024	Hydraulic Oil	20	L	Whale Tail Pit	Equipment failure	Contaminated material was collected and placed in roll off bin for disposal at the WT Landfarm