



AGNICO EAGLE

WHALE TAIL PROJECT

Monitoring Program Summary Report

February 2021

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 MONITORING4

2.5 SEWAGE TREATMENT PLANT4

2.6 WHALE TAIL ATTENUATION POND5

SECTION 3 • SPILL MANAGEMENT 7

SECTION 1 • BACKGROUND

On May 13, 2020, Agnico 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 Pit Project.

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, Whale Tail Attenuation Pond discharge and dewatering discharges.

In addition, a summary of spills/actions for the month is reported.

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

Fresh water usage for February is summarized in Table 2.1 below

Table 2.1: February 2021 – Freshwater Usage (m³)

Water Location	Source Lake	Jan	Feb	Total
Camp	Nemo	2,413	2,428	4,841
Construction/Operation	Nemo	2,074	2,184	4,258
Dust Suppression	Nemo / WTHR Pond	0	0	0
Explosive	Mammoth Lake	0	0	0
Drilling	Proximal Sources	0	0	0
Total Freshwater Usage (m³)		4,487	4,612	9,099

2.2 LAKE WATER MONITORING

Lakes around the Whale Tail Project were not monitored during the month of February due to the lakes being frozen. Lakes are only monitored during open water conditions as per the Water Licence.

2.3 WHALE TAIL SOUTH CHANNEL

The Whale Tail South Channel was frozen in February, no sampling at station ST-WT-13 was conducted during the month. Sampling is to be conducted during open water conditions as per the Water License.

2.4 WHALE TAIL DIKE SEEPAGE MONITORING

Seepage at the toe of Whale Tail dike was still observed during the month. Agnico 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 is discharged to the Whale Tail Attenuation Pond. As per Water License Schedule I Sampling Station ST-WT-11, effluent is to be sampled four times per calendar year. Agnico is currently sampling the STP monthly and thus a sample was taken in February. A total of 2,536 m³ was discharged during the month.

2.6 WHALE TAIL ATTENUATION POND

Water from the Whale Tail Attenuation Pond was discharged to Whale Tail South using the Whale Tail South permanent diffuser. Discharge via the Whale Tail South permanent diffuser occurred intermittently in February. Discharge occurred February 1 to 4 and 9 to 13. A total volume of 68,871 m³ was discharged in February.

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.

There were no exceedances of Water License or MDMER limits during the month.

Table 2.6.1: Whale Tail Attenuation Pond Discharge to Whale Tail South Permanent Diffuser (ST-WT-24b)

Parameter	Maximum Authorized Concentration Grab Sample	Maximum Authorized Monthly Mean Concentration	Unit	Sample Date		Monthly Average
				02/01/2021	02/10/2021	
Field Measured						
pH	6.0 - 9.5	6.0 - 9.5	pH units	7.02	7.09	7.055
Conventional Parameters						
Total suspended solids	30	15	mg/L	<1	1	0.75
Nutrients						
Total phosphorus	0.6	0.3	mg/L	<0.0010	0.0020	0.00125
Total ammonia (NH3-N)	32	16	mg/L	0.83	0.20	0.515
Total Petroleum hydrocarbons (TPH) *						
F2 (C10-C16)	6	3	mg/L	< 0.1	< 0.1	< 0.1
F3 (C16-C34)			mg/L	< 0.2	< 0.2	< 0.2
F4 (C34-C50)			mg/L	< 0.2	< 0.2	< 0.2
Total Metals						
Aluminum	1	0.5	mg/L	0.0070	0.0175	0.01225
Arsenic	0.2	0.1	mg/L	0.00150	0.00149	0.001495
Cadmium	0.004	0.002	mg/L	<0.00001	<0.00001	0.000005
Chromium	0.04	0.02	mg/L	<0.001	<0.001	0.0005
Copper	0.2	0.1	mg/L	0.00086	0.00089	0.000875
Iron	2	1	mg/L	0.067	0.255	0.161
Lead	0.1	0.05	mg/L	<0.0002	<0.0002	0.0001
Mercury	0.008	0.004	mg/L	<0.00001	<0.00001	0.000005
Nickel	0.5	0.25	mg/L	0.0033	0.0037	0.0035
Zinc	0.2	0.1	mg/L	<0.005	0.0058	0.00315

* Analysis for TPH was done as fractions by the lab. The fractions analyzed equal total petroleum hydrocarbon. All results were below detection limits.

SECTION 3 • SPILL MANAGEMENT

Figure 3.1 shows reported and non-reported spills for 2021 broken down per month and Table 3.1 summarizes Agnico Eagle spill reports for February.

Fifteen (15) 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 2021 Reported and Non-Reported Spills

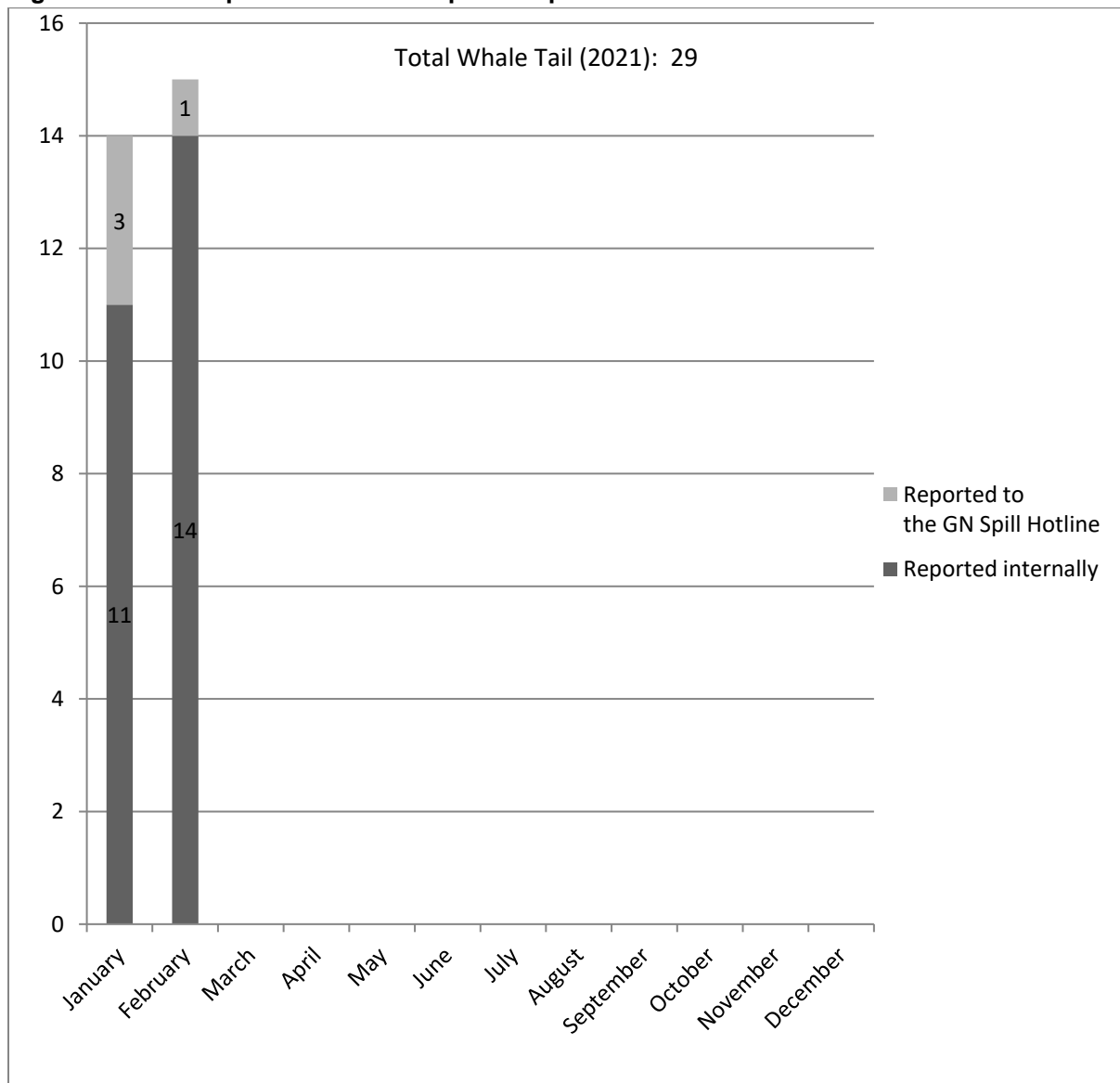


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, February 2021

Date of Spill	Hazardous Material	Qty	Units (L / Kg)	Location	Cause of spill	Clean-up action taken
2/1/2021	Hydraulic Oil	20	L	IVR Pit	Motor leak	Contaminated material was cleaned and disposed of in the yellow bin.
2/5/2021	Hydraulic Oil	20	L	Whale Tail Pit	Hydraulic block failure	Contaminated material was cleaned and adequately disposed of.
2/10/2021	Hydraulic Oil	5	L	Whale Tail Pit	Hydraulic hose failure	Stopped equipment to contain spill and also pick up the spill brought to yellow bin UG shop
2/11/2021	Hydraulic Oil	3.5	L	Whale Tail Pit	Hydraulic hose was pinched between the bucket and the bucket attachment.	Contaminated material was removed and adequately disposed of in the yellow bin.
2/13/2021	Diesel Fuel	2	L	In front of service building	Fuel truck overfilled, fuel spilled from top of tank.	Contaminated material was removed and adequately disposed of.
2/14/2021	Coolant	20	L	WTHR Km 122	broken radiator	Contaminated material was removed and adequately disposed of.
2/14/2021	Hydraulic Oil	30	L	UG Dump	Equipment failure	Stop Equipment to contain the spill and pick up spill and brought to yellow bin at UG shop
2/15/2021	Hydraulic Oil	15	L	Whale Tail Pit	Hydraulic pump failed, during repair hydraulic oil was spilled.	Contaminated material was removed and adequately disposed of.
2/17/2021	Lubricant	5	L	IVR Pit	line failure	Contaminated material was removed and adequately disposed of.
2/18/2021	Coolant	60	L	Whale Tail Pit	Coolant hose failure.	Contaminated material was removed and adequately disposed of in yellow bin by UG shop.
2/19/2021	Hydraulic Oil	150	L	Whale Tail Pit	Hydraulic hose failure	Contaminated material was removed and adequately disposed of in the yellow bin.
2/23/2021	Coolant	60	L	Whale Tail Pit	Radiator hose failure.	Spill was contained and cleaned using spill pads. Contaminated material was adequately disposed of in the Hazmat area.
2/23/2021	Hydraulic Oil	72	L	WRSF	Hydraulic hose failure	Contaminated material was removed and adequately disposed of.
2/24/2021	Hydraulic Oil	35	L	IVR Dike 1 west entrance	Hydraulic hose failure	Machine was stopped. Leak was contained and absorbent sheets were placed on the spill.
2/25/2021	Hydraulic Oil	52	L	IVR Dump	Hose failure	Spill was contained and cleaned using spill pads. Contaminated material was adequately disposed of.