



WHALE TAIL PROJECT

Monitoring Program Summary Report

November 2021

Type A Water License 2AM-WTP1830

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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 and Attenuation Pond discharge.

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

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

Fresh water usage for the month is summarized in Table 2.1 below

Table 2.1: November 2021 – Freshwater Usage (m³)

| Water Location | Source Lake | Jan | Feb | March | April | May | June |
|---|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Camp | Nemo | 2,713 | 2,428 | 2,823 | 2,827 | 2,759 | 2,642 |
| Construction/Operation | Nemo | 2,074 | 2,184 | 2,287 | 2,319 | 2,273 | 1,534 |
| Dust Suppression | Nemo / WTHR Pond | 0 | 0 | 0 | 0 | 0 | 4,830 |
| Explosive | Mammoth Lake | 0 | 0 | 0 | 0 | 0 | 0 |
| Drilling | Proximal Sources | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Freshwater Usage (m³) | | 4,787 | 4,612 | 5,109 | 5,146 | 5,032 | 9,006 |

| Water Location | Source Lake | July | Aug | Sept | Oct | Nov | Total |
|---|------------------|---------------|--------------|--------------|--------------|--------------|---------------|
| Camp | Nemo | 2,836 | 2,913 | 2,818 | 2,908 | 2,682 | 30,349 |
| Construction/Operation | Nemo | 1,823 | 1,443 | 2,314 | 2,247 | 3,962 | 24,460 |
| Dust Suppression | Nemo / WTHR Pond | 6,000 | 350 | 0 | 0 | 0 | 11,180 |
| Explosive | Mammoth Lake | 0 | 0 | 0 | 0 | 0 | 0 |
| Drilling | Proximal Sources | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Freshwater Usage (m³) | | 10,659 | 4,706 | 5,132 | 5,155 | 6,644 | 65,989 |

2.2 LAKE WATER MONITORING

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

2.3 WHALE TAIL SOUTH CHANNEL

The Whale Tail South Channel was operational in November. An estimated 46,062 m³ of water flowed from Whale Tail South Basin to Mammoth Lake. Weekly inspections were performed, and no non-compliances were observed during the month.

2.4 WHALE TAIL DIKE SEEPAGE MONITORING

Seepage at the toe of Whale Tail dike (WTD) 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 (STP) 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 November. A total of 2,652.2 m³ was discharged during the month.

2.6 WHALE TAIL/IVR ATTENUATION PONDS

Water from the IVR Attenuation Pond was discharged during the month of November in Whale Tail South Lake. Discharge to the Whale Tail South permanent diffuser was from November 18 to 23. Water was treated by the Water Treatment Plan before discharge. A total of 72,967 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-compliances observed during the month of November 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 Permanent Diffuser (ST-WT-24)

| Parameter | Maximum Authorized Concentration Grab Sample | Maximum Authorized Monthly Mean Concentration | Unit | Sample Date | | Monthly Average |
|------------------------------|--|--|----------|-------------|------------|--------------------|
| | | | | 11/19/2021 | 11/22/2021 | |
| Field Measured | | | | | | |
| pH | 6.0 - 9.5 | 6.0 - 9.5 | pH units | 6.77 | 6.88 | 6.83 |
| Conventional Parameters | | | | | | |
| Total suspended solids | 30 | 15 | mg/L | 2 | 1 | 1.5 |
| Nutrients | | | | | | |
| Total phosphorus | 0.6 | 0.3 | mg/L | 0.02 | 0.03 | 0.025 |
| Total ammonia (NH3-N) | 32 | 16 | mg/L | 0.39 | 0.25 | 0.32 |
| General Organics | | | | | | |
| Total petroleum hydrocarbons | 6 | 3 | mg/L | <0.1 | <0.1 | 0.05 |
| Total Metals | | | | | | |
| Aluminum | 1 | 0.5 | mg/L | 0.008 | 0.010 | 0.009 |
| Arsenic | 0.2 | 0.1 | mg/L | 0.0081 | 0.0045 | 0.0063 |
| Cadmium | 0.004 | 0.002 | mg/L | 0.00005 | < 0.00002 | 0.00003 |
| Chromium | 0.04 | 0.02 | mg/L | < 0.0006 | < 0.0006 | 0.0003 |
| Copper | 0.2 | 0.1 | mg/L | 0.0019 | 0.0016 | 0.00175 |
| Iron | 2 | 1 | mg/L | 0.41 | 0.22 | 0.315 |
| Lead | 0.1 | 0.05 | mg/L | < 0.00017 | < 0.00017 | 0.00009 |
| Mercury | 0.008 | 0.004 | mg/L | < 0.00001 | < 0.00001 | 0.000005 |
| Nickel | 0.5 | 0.25 | mg/L | 0.0381 | 0.0491 | 0.0436 |
| Zinc | 0.2 | 0.1 | mg/L | 0.014 | 0.009 | 0.0115 |

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 November.

Twelve (12) spills 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 2021 Reported and Non-Reported Spills

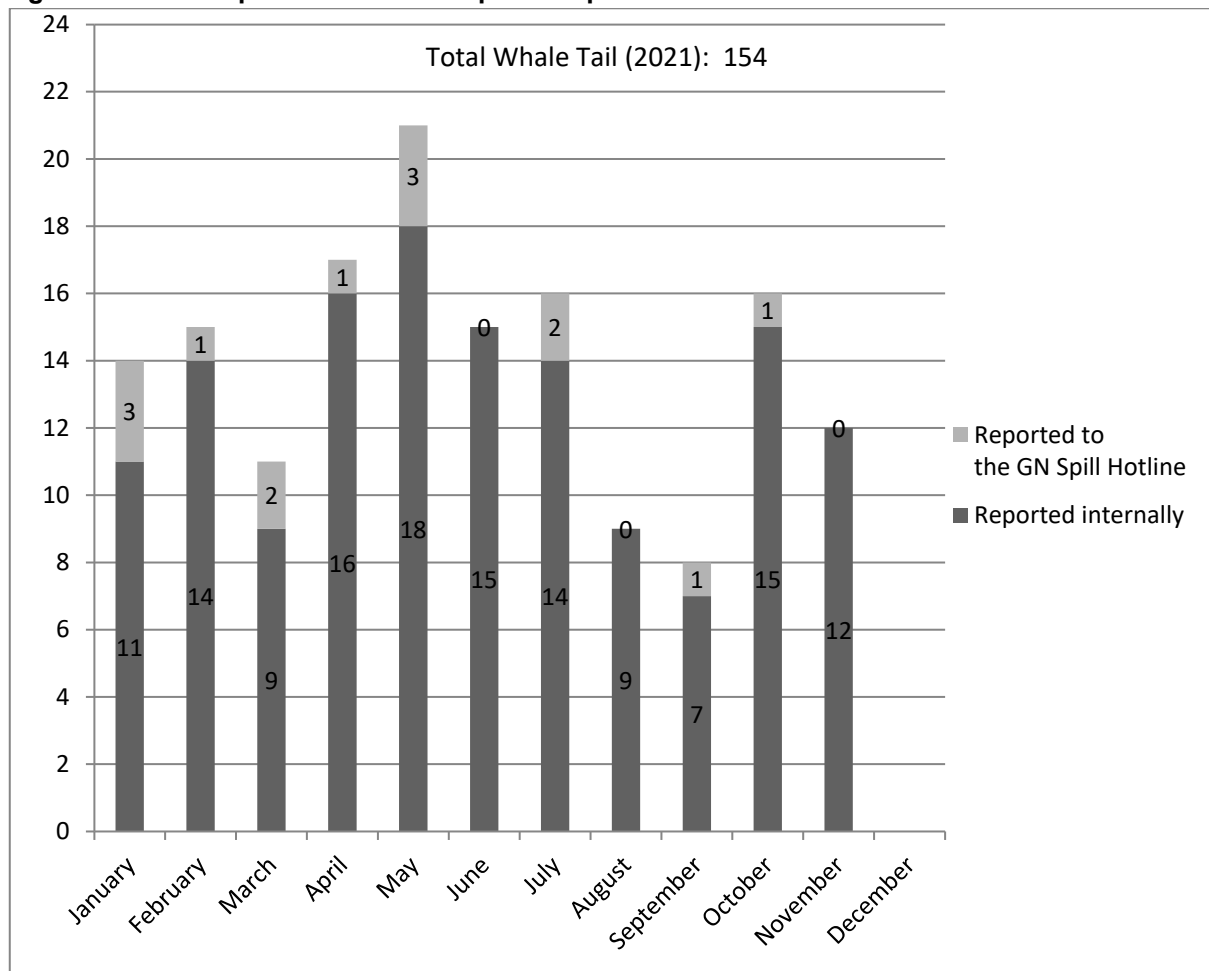


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, November 2021

| Date of Spill | Hazardous Material | Qty | Units (L / Kg) | Location | Cause of spill | Clean-up action taken |
|---------------|--------------------------------|-----|----------------|-------------------------------|------------------------------|--|
| 11/8/2021 | Coolant | 30 | L | Washroom Parking | Broken coolant line | Leaking valve was closed. Contaminated material was collected and brought to the yellow bin for disposal. |
| 11/9/2021 | Compressor Oil | 40 | L | IVR Pit | Equipment failure | Contaminated soil and snow was picked up and disposed of appropriately in a yellow bin. |
| 11/10/2021 | Hydraulic Oil | 70 | L | Transit Pad | Broken hydraulic hose | Contaminated material was collected and brought to the yellow bins for disposal. |
| 11/11/2021 | Coolant | 2 | L | Behind Underground Truck Shop | Broken coolant line | The contaminated soil and snow was removed and disposed of properly in a yellow bin. |
| 11/12/2021 | Diesel Fuel | 60 | L | Whale Tail Pit | Fuel tank overfilled | Absorbent pads were used to pick up spill and were dropped off at the Hazmat seacan for adequate disposal. |
| 11/17/2021 | Hydraulic Oil | 55 | L | Washroom Parking | Broken hydraulic hose | Contaminated soil and snow was picked up and disposed of appropriately in a yellow bin. |
| 11/18/2021 | Hydraulic Oil | 15 | L | IVR Pit | Broken hydraulic hose | Contaminated soil and snow was picked up and disposed of appropriately at Pad K. |
| 11/19/2021 | Hydraulic Oil | 15 | L | Whale Tail Pit | Broken hydraulic hose | The contaminated soil and snow was removed and disposed of properly in a yellow bin. |
| 11/20/2021 | Hydraulic Oil | 50 | L | Whale Tail Pit | Broken hydraulic hose | Mechanic was called to fix the hose. Contaminated soil was brought to the yellow bin for disposal. |
| 11/20/2021 | Hydraulic and Differential Oil | 40 | L | Washroom Parking | Containment not large enough | Absorbent pads were used to sponge up spill. Contaminated material disposed off in yellow bins for disposal. |
| 11/27/2021 | Coolant | 50 | L | IVR Pit | Broken coolant line | Spill was contained and contaminated snow picked up and disposed appropriately at the Hazmat disposal area. |
| 11/30/2021 | Coolant | 30 | L | IVR Pit | Broken coolant line | Absorbent pads were used to sponge up spill. Contaminated material was disposed off in yellow bins. |