AGNICO EAGLE

WHALE TAIL PROJECT

Monitoring Program Summary Report

June 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 Whale Tail 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: June 2021 – Freshwater Usage (m^3)

Water Location	Source Lake	Jan	Feb	March	April	May	June	Total
Camp	Nemo	2,713	2,428	2,823	2,827	2,759	2,642	16,192
Construction / Operation	Nemo	2,074	2,184	2,287	2,319	2,273	1,534	12,671
Dust Suppression	Nemo / WTHR Pond	0	0	0	0	0	4,830	4,830
Explosive	Mammoth Lake	0	0	0	0	0	0	0
Drilling	Proximal Sources	0	0	0	0	0	0	0
Total Freshwater Usage (m^3)		**4,787**	**4,612**	**5,109**	**5,146**	**5,032**	**9,006**	**33,693**

2.2 LAKE WATER MONITORING

Lakes around the Whale Tail Project were not monitored during the month 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 operational in June. An estimated 747,028 m^3 of water flowed from Whale Tail South Basin to Mammoth Lake.

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 June. A total of 2,615.7 m^3 was discharged during the month.

2.6 WHALE TAIL/IVR ATTENUATION PONDS

Water from the Whale Tail and IVR Attenuation Ponds was discharged during the entire month of June in Mammoth Lake and/or Whale Tail South. Discharge in Mammoth Lake West Diffuser was from June 9 to 30, in Mammoth Lake East Diffuser from June 18 to 30, in Whale Tail South Temporary Diffusor from June 1 to 18, and Whale Tail South Summer Diffusor from June 6 to 17. Water was treated by the Water Treatment Plan before discharge. A total of 345,201 m^3 was discharged to Mammoth Lake and 236,995 m^3 in 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 to 2.6.4 below. No non-compliance observed during the month of June related to these discharges to the receiving environment. There were no exceedances of Water License or MDMER limits during the month.

Table 2.6.1: Whale Tail Attenuation Pond Discharge to Mammoth Lake West Diffuser (ST-WT-2)

Parameter	Maximum Authorized Concentration Grab Sample	Maximum Authorized Monthly Mean Concentration	Unit	Sample Date				Monthly Average
				10/6/2021	14/6/2021	21/6/2021	28/6/2021	
Field Measured								
pH	6.0 - 9.5	6.0 - 9.5	pH units	7.21	7.11	7.38	6.94	**7.16**
Conventional Parameters								
Total suspended solids	30	15	mg/L	6	1	1	2	**2.5**
Nutrients								
Total phosphorus	0.6	0.3	mg/L	0.0059	0.0039	0.0034	<0.0010	**0.0137**
Total ammonia (NH3-N)	32	16	mg/L	0.72	0.64	0.57	0.7	**0.6575**
Total Petroleum hydrocarbons (TPH) *								
F2 (C10-C16)	6	3	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	**0.05**
F3 (C16-C34)			mg/L	< 0.2	< 0.2	< 0.2	< 0.2	**0.1**
F4 (C34-C50)			mg/L	< 0.2	< 0.2	< 0.2	< 0.2	**0.1**
Total Metals								
Aluminum	1	0.5	mg/L	0.0372	< 0.0030	0.0069	< 0.0030	**0.04118**
Arsenic	0.2	0.1	mg/L	0.00471	0.00296	0.00347	0.005	**0.004035**
Cadmium	0.004	0.002	mg/L	0.000013	0.000015	< 0.000010	< 0.000010	**0.0000095**
Chromium	0.04	0.02	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	**0.0005**
Copper	0.2	0.1	mg/L	0.00168	0.00116	0.00104	0.00149	**0.00134**
Iron	2	1	mg/L	0.4000	0.0885	0.2280	0.0459	**0.1906**
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	0.0098	0.0114	0.0075	0.0077	**0.0091**
Zinc	0.2	0.1	mg/L	0.0070	0.0058	0.0050	0.0137	**0.0079**

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

Table 2.6.2: Whale Tail Attenuation Pond Discharge to Mammoth Lake East Diffuser (ST-WT-2a)

Parameter	Maximum Authorized Concentration Grab Sample	Maximum Authorized Monthly Mean Concentration	Unit	Sample Date			Monthly Average
				19/6/2021	21/6/2021	28/6/2021	
Field Measured							
pH	6.0 - 9.5	6.0 - 9.5	pH units	7.15	7.56	6.80	**7.17**
Conventional Parameters							
Total suspended solids	30	15	mg/L	1	1	3	**1.7**
Nutrients							
Total phosphorus	0.6	0.3	mg/L	0.0038	0.004	< 0.0010	**0.0028**
Total ammonia (NH3-N)	32	16	mg/L	0.60	0.70	0.69	**0.66**
Total Petroleum hydrocarbons (TPH) *							
F2 (C10-C16)	6	3	mg/L	< 0.1	< 0.1	< 0.1	**0.05**
F3 (C16-C34)			mg/L	< 0.2	< 0.2	< 0.2	**0.1**
F4 (C34-C50)			mg/L	< 0.2	< 0.2	< 0.2	**0.1**
Total Metals							
Aluminum	1	0.5	mg/L	0.0054	0.0087	< 0.0030	**0.0052**
Arsenic	0.2	0.1	mg/L	0.00318	0.00358	0.00520	**0.003987**
Cadmium	0.004	0.002	mg/L	< 0.000010	< 0.000010	0.000011	**0.000007**
Chromium	0.04	0.02	mg/L	< 0.0010	< 0.0010	< 0.0010	**0.0005**
Copper	0.2	0.1	mg/L	0.00145	0.00084	0.00238	**0.001557**
Iron	2	1	mg/L	0.1880	0.2300	0.0509	**0.1563**
Lead	0.1	0.05	mg/L	< 0.00020	< 0.00020	< 0.00020	**0.0001**
Mercury	0.008	0.004	mg/L	< 0.00001	< 0.00001	< 0.00001	**0.000005**
Nickel	0.5	0.25	mg/L	0.0080	0.0075	0.0075	**0.007667**
Zinc	0.2	0.1	mg/L	0.0063	0.0078	0.0280	**0.014033**

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

Table 2.6.3: Whale Tail 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
				7/6/2021	14/6/2021	
Field Measured						
pH	6.0 - 9.5	6.0 - 9.5	pH units	7.08	7.13	**7.11**
Conventional Parameters						
Total suspended solids	30	15	mg/L	5	<1	**2.75**
Nutrients						
Total phosphorus	0.6	0.3	mg/L	0.0024	0.0042	**0.0033**
Total ammonia (NH3-N)	32	16	mg/L	1.4	0.65	**1.025**
Total Petroleum hydrocarbons (TPH) *						
F2 (C10-C16)	6	3	mg/L	< 0.1	< 0.1	**0.05**
F3 (C16-C34)			mg/L	< 0.2	< 0.2	**0.1**
F4 (C34-C50)			mg/L	< 0.2	< 0.2	**0.1**
Total Metals						
Aluminum	1	0.5	mg/L	0.1070	0.0118	**0.0594**
Arsenic	0.2	0.1	mg/L	0.00762	0.00335	**0.005485**
Cadmium	0.004	0.002	mg/L	0.000012	0.000014	**0.000013**
Chromium	0.04	0.02	mg/L	0.0023	<0.0010	**0.0014**
Copper	0.2	0.1	mg/L	0.00223	0.00078	**0.001505**
Iron	2	1	mg/L	0.524	0.181	**0.3525**
Lead	0.1	0.05	mg/L	0.0002	< 0.0002	**0.00015**
Mercury	0.008	0.004	mg/L	< 0.00001	< 0.00001	**0.000005**
Nickel	0.5	0.25	mg/L	0.0107	0.0107	**0.0107**
Zinc	0.2	0.1	mg/L	0.0091	0.0074	**0.00825**

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

Table 2.6.4: Whale Tail Attenuation Pond Discharge to Whale Tail South Temporary Diffuser (ST-WT-24a)

Parameter	Maximum Authorized Concentration Grab Sample	Maximum Authorized Monthly Mean Concentration	Unit	Sample Date	Monthly Average
				7/6/2021	
Field Measured					
pH	6.0 - 9.5	6.0 - 9.5	pH units	7.16	**7.16**
Conventional Parameters					
Total suspended solids	30	15	mg/L	1	**1**
Nutrients					
Total phosphorus	0.6	0.3	mg/L	<0.0010	**0.0005**
Total ammonia (NH3-N)	32	16	mg/L	1.3	**1.3**
Total Petroleum hydrocarbons (TPH) *					
F2 (C10-C16)	6	3	mg/L	< 0.1	**0.05**
F3 (C16-C34)			mg/L	< 0.2	**0.1**
F4 (C34-C50)			mg/L	< 0.2	**0.1**
Total Metals					
Aluminum	1	0.5	mg/L	0.0117	**0.0117**
Arsenic	0.2	0.1	mg/L	0.00538	**0.00538**
Cadmium	0.004	0.002	mg/L	0.000012	**0.000012**
Chromium	0.04	0.02	mg/L	<0.001	**0.0005**
Copper	0.2	0.1	mg/L	0.00226	**0.00226**
Iron	2	1	mg/L	0.168	**0.168**
Lead	0.1	0.05	mg/L	<0.0002	**0.0001**
Mercury	0.008	0.004	mg/L	<0.00001	**0.000005**
Nickel	0.5	0.25	mg/L	0.0099	**0.0099**
Zinc	0.2	0.1	mg/L	<0.005	**0.0025**

* 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 June.

Fifteen (15) 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

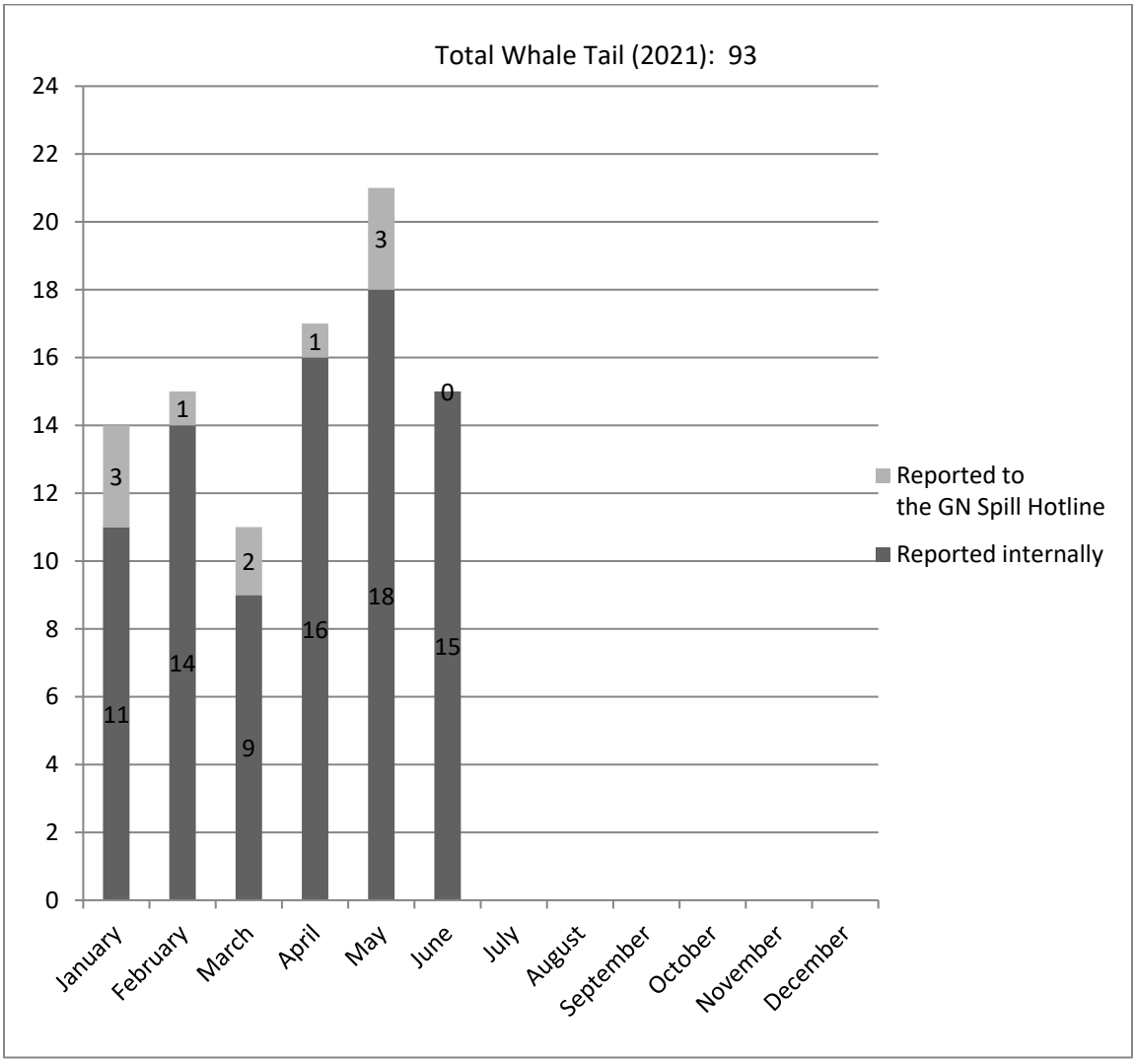

Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, June 2021

Date of Spill	Hazardous Material	Qty	Units (L / Kg)	Location	Cause of spill	Clean-up action taken
6/5/2021	Hydraulic Oil	60	L	IVR PIT 5130MSI36	Hydraulic hose failure	Equipment was turned off. Contaminated material was removed and adequately disposed of in the yellow bin.
6/5/2021	Hydraulic Oil	45	L	IVR Pit	Hydraulic hose failure	Contaminated soil picked up and disposed of in the yellow bin.
6/6/2021	Power Steering Fluid	2	L	Environment Office Parking	Powersteering Hose failure	Clean up area with shovel and dispose of the contaminated material in the appropriate bin.
6/6/2021	Hydraulic Oil	25	L	Phase 1	Hydraulic hose failure	Contaminated soil picked up and disposed in the yellow bin.
6/12/2021	Waste Oil	20	L	Hazmat Area	Puncture	The contaminated soil was collected and disposed properly in the yellow bin.
6/12/2021	Hydraulic Oil	60	L	Pad B	Hydraulic hose failure	Equipment was turned off. Contaminated material was removed and adequately disposed of in the yellow bin.
6/12/2021	Transmission Oil	40	L	WTHR KM 148	Operator hit the transfer case cap	Put some spill pads on the top of the spill. Contaminated material was removed and adequately disposed of.
6/24/2021	Diesel	15	L	Truck parking	Equipment failure	Contaminated material was removed and adequately disposed of in the yellow bin.
6/24/2021	Hydraulic Oil	60	L	Pad Q near Sana shop	Hydraulic hose failure	Absorbent pads were put in place. Contaminated soil was removed and adequately disposed of in the yellow bin.
6/25/2021	Coolant	55	L	Whale Tail WRSF	Coolant hose failure.	Contaminated soil was removed and adequately disposed of in the yellow bin.
06/26/2021	Hydraulic Oil	85	L	IVR pit, Pattern 5130MSI34.	Hydraulic hose failure	Contaminated soil was removed and adequately disposed of in the yellow bin
06/26/2021	Hydraulic Oil	10	L	Pattern 5067MSK07	Hydraulic hose failure	Absorbent pads were put in place. Contaminated soil was removed and adequately disposed of
06/28/2021	Hydraulic Oil	70	L	Pattern 5123MSI19 in IVR	Hydraulic hose failure	Absorbent pads were put in place. Contaminated soil was removed and adequately disposed of
06/30/2021	Diesel	20	L	Stand by parking lot.	Fuel cap was broken.	Contaminated soil was removed and adequately disposed of

06/30/2021	Waste Oil	10	L	Behind U/G shop	O-ring failed on waste oil tote causing spill inside truck and ran down the door seal when truck was parked	Absorbent pads were put in place. Contaminated soil was removed and adequately disposed of in the contaminated soil bin