



WHALE TAIL PROJECT

Monitoring Program Summary Report

November 2018

Type A Water License 2AM-WTP1826

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SECTION 1 • BACKGROUND

As required under Part I, Item 23 of Type A Water License 2AM-WTP1826, this report documents the water management and monitoring activities at the mine site for the month. This includes water usage, water monitoring around site, sewage treatment plan discharge and Whale Tail Dike construction monitoring.

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

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

All water withdrawals related to Exploration activities is currently managed by Part C Item 1 of the Exploration Water License 2BB-MEA1828. All of the information regarding the use under this License 2BB-MEA1828 will be provided via the Annual Report required by Part B Item 6.

Starting on October 28, the Exploration Camp freshwater source become Nemo Lake, which is the approved freshwater source as per Water License 2AM-WTP1826. Agnico Eagle is authorized as per Part E Item 1 of the Water License 2AM-WTP1826 to intake water from Nemo Lake for a total year to date during construction of 220,750 m³/year. A total volume of 1451.87 m³ was withdraw from Nemo Lake in November. Total year to date is 2,097.59 m³.

Following approval of the NWB, Agnico has been allowed under Part E item 3 of the Water License 2AM-WTP1826 and as per the NWB reason for decision letter to '*obtain water for domestic camp use during construction in 2018 from Whale Tail Lake with a total volume not exceeding 63,150 cubic metres per year from the date on which the Minister approves the issuance of the Licence through to the end 2018*'. In November, 4,729.58 m³ was taken in Whale Tail Lake under this license for a total year to date of 9,148.11 m³.

2.2 LAKE A47 WATER MONITORING

No monitoring sample at Lake A47 (ST-WT-6) was collected in November due to frozen condition.

2.3 LAKE A15 WATER MONITORING

No monitoring sample at Lake A15 (ST-WT-15) was collected in November due to frozen condition.

2.4 LAKE A16 OUTLET WATER MONITORING

No monitoring sample at Lake A16 (ST-WT-14) was collected in November due to frozen condition.

2.5 SEEPAGE MONITORING

No seepage has been observed in November around the site.

2.6 SEWAGE TREATMENT PLANT

Effluent from the Sewage Treatment Plan (STP) is discharged to the Whale Tail Lake North Basin and is monitored as per the Water License 2BB-MEA1828 Part D Item 10. Agnico still considers the camp and all the facilities associated to be Amaruq Exploration Camp. All of the

information regarding this discharge will be provided via the Annual Report required by 2BB-MEA1828 Part B Item 6.

Agnico plans to have a Sewage Treatment Plan associated with the Water License 2AM-WTP1826 in 2019.

2.7 WHALE TAIL DIKE CONSTRUCTION

The construction of Whale Tail Dike started on July 27, 2018 and the rockfill placement was completed in August. Since the rockfill placement was completed, the turbidity curtains (3) installed downstream of the dike has been removed in September. The two (3) turbidity curtain north side of the dike are still in place. Secant wall installation completed early December. Next step is to proceed to the grout curtain.

The fishout of the Whale Tail North Basin was stopped on September 29 because conditions did not permit safe continuation of work. Discussions are ongoing with ECCC. The complete report will be provided with the Whale Tail Annual Report.

In accordance with the Water License 2AM-WTP1826 Part D Item 6 and the Water Quality Monitoring and Management Plan for Dike Construction and Dewatering, the monitoring of the TSS level at four (4) locations downstream of the dike is based on the strong relation TSS-Turbidity which permit real time results. As detailed in this plan, daily depth profile turbidity readings have been taken at these locations and compared to the maximum monthly mean and short term maximum limit detailed in 2AM-WTP1826 Part D Item 6. No TSS exceedance has been observed in November as shown in Table 2-1 below.

Table 2-1: TSS Downstream monitoring station based on TSS-Turbidity relation

Date	Station	1	2	3	4	5	6	7	8	Max TSS 24H (mg/L)	Mean TSS 24H (mg/L)	TSS 7 Day Mean (mg/L)	TSS 30 Day Mean (mg/L)
Limit (mg/L)										50	50	15	15
2018-11-19	ST-WT-DC1	1.763	1.763	1.922						1.922	1.816	0.280	0.218
	ST-WT-DC2	1.579	1.650	1.602	1.563	1.53	1.551			1.650	1.583	0.242	0.209
	ST-WT-DC3	1.543	1.538	1.538	1.541					1.543	1.540	0.240	0.212
	ST-WT-DC4	1.811	1.737	1.653						1.811	1.734	0.268	0.331

SECTION 3 • SPILL MANAGEMENT

Figure 3.1 shows reported and non-reported spills for 2018 broken down per month and Table 3.1 summarizes Agnico Eagle spill reports for November. All spills related to the Whale Tail Project or the Whale Tail Road are included in this report.

All spills reported internally (12) and to regulators (1) were managed appropriately on site according to Agnico's spill contingency plan. 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 2018 Reported and Non-Reported Spills

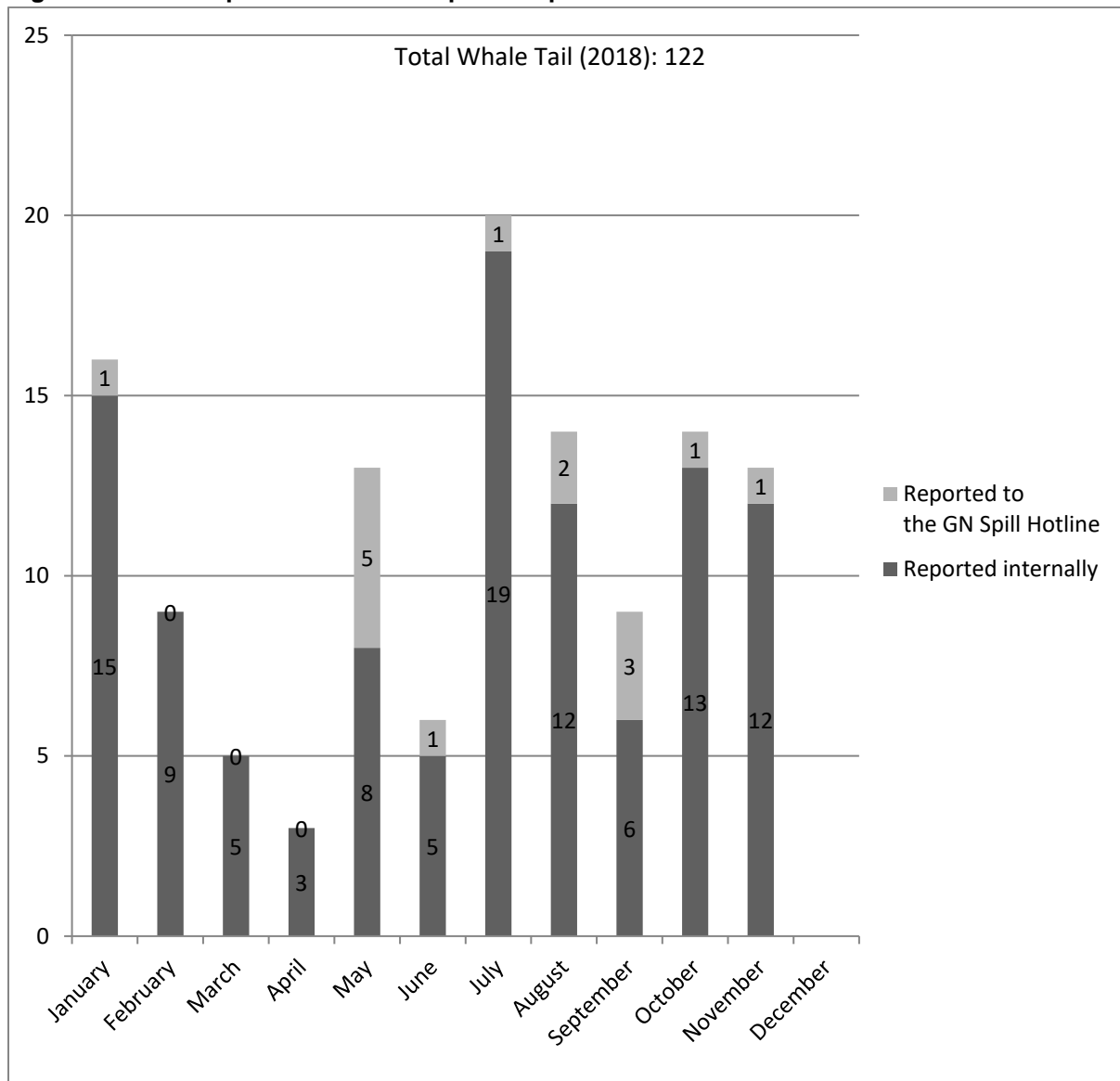


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, November 2018

Date of Spill	Hazardous Material	Qty	Units (L / Kg)	Location	Cause of spill	Clean-up action taken
November 1, 2018	Hydraulic oil	10	L	Whale Tail Drill Site AMQ-18-1920	Foot Clamp failure on drill	Spill was contained and contaminated soil picked up and disposed of appropriately
November 2, 2018	Hydraulic oil	3	L	Whale Tail dike	Broken fitting on the quick attach of the loader.	Spill was contained and contaminated soil picked up and disposed of appropriately
November 2, 2018	Coolant	20	L	Whale Tail pit Road 3	O-ring busted on the coolant pipe	Spill was contained and contaminated soil picked up and disposed of appropriately
November 10, 2018	Hydraulic Oil	20	L	Whale Tail PAG dump	Hydraulic hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately
November 12, 2018	Diesel	250	L	Whale Tail fuel farm tank 103	No dip test before unloading the fuel	Spill was contained and contaminated soil picked up and disposed of appropriately
November 14, 2018	Hydraulic Oil	3	L	Whale Tail Pad H	Hydraulic hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately
November 16, 2018	Coolant	5	L	Whale Tail Road KM 15	Engine overheated because of a broken fan belt	Spill was contained and contaminated soil picked up and disposed of appropriately
November 17, 2018	Engine Oil	5	L	Whale Tail Maintenance Shop	Engine failure	Spill was contained and contaminated soil picked up and disposed of appropriately

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November 18, 2018	Engine Oil	2,5	L	Whale Tail Dike	engine failure due to breather frozen	Spill was contained and contaminated soil picked up and disposed of appropriately
November 19, 2018	Hydraulic Oil	10	L	Whale Tail Dike	Hydraulic fitting loose	Spill was contained and contaminated soil picked up and disposed of appropriately
November 23, 2018	Glycol & engine oil	5	L	Whale Tail Maintenance shop	Engine Failure	Spill was contained and contaminated soil picked up and disposed of appropriately
November 28, 2018	Hydraulic Oil	90	L	Whale Tail Quarry 2	Drill failure	Spill was contained and contaminated soil picked up and disposed of appropriately
November 29, 2018	Diesel	20	L	Whale Tail dike	Fuel hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately