



WHALE TAIL PROJECT

Monitoring Program Summary Report

September 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

Freshwater usage in September was taken from the Whale Tail Lake North Basin and is currently managed by Part C Item 1 of the Exploration Water License 2BB-MEA1828. The water is mainly used for what Agnico Eagle still considers to be Amaruq Exploration Camp. 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.

Agnico Eagle is authorized as per Part E Item 1 of the Water License 2AM-WTP1826 to intake water from Nemo Lake. In September, the access road to Nemo Lake was constructed but no water was taken from Nemo Lake as the freshwater intake and piping system was under NWB approval.

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 September, 671.73m³ was taken in Whale Tail Lake under this license for a total year to date of 918.73m³.

2.2 LAKE A47 WATER MONITORING

No monitoring sample at Lake A47 (ST-WT-6) was conducted in September due to the start of freeze-up. During this period, there are concerns for technicians to access the sampling location safely.

2.3 LAKE A15 WATER MONITORING

No monitoring sample at Lake A15 (ST-WT-15) was done in September due to the start of freeze-up. During this period, there are concerns for technicians to access the sampling location safely.

2.4 LAKE A16 OUTLET WATER MONITORING

No monitoring sample at Lake A16 (ST-WT-14) was done in September due to the start of freeze-up. During this period, there are concerns for technicians to access the sampling location safely.

2.5 SEEPAGE MONITORING

No seepage has been observed in September 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. Work ongoing for the month of September included the secant wall installation. 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.

The fishout of the Whale Tail North Basin was stopped on September 29 because conditions did not permit safe continuation of work. Discussion is ongoing with ECCC. The complete report will be provide 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 September as shown in Table 2-1 below. Due to frozen condition at the end of September, the monitoring sample was stopped and will resume when ice condition permit.

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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
2018-09-01	ST-WT-DC1	0,055	0,077	0,068						0,077	0,066	0,105	0,422
	ST-WT-DC2	0,104	0,108	0,077	0,066	0,075	0,086	0,120		0,120	0,091	0,114	0,461
	ST-WT-DC3	0,075	0,070	0,090	0,077					0,090	0,078	0,123	0,443
	ST-WT-DC4	0,063	0,084	0,042						0,084	0,063	0,574	0,576
2018-09-02	ST-WT-DC1	0,052	0,033							0,052	0,043	0,093	0,418
	ST-WT-DC2	0,086	0,063	0,079	0,097	0,057	0,042	0,061		0,097	0,069	0,105	0,458
	ST-WT-DC3	0,104	0,081	0,079	0,084					0,104	0,087	0,115	0,440
	ST-WT-DC4	0,093	0,075	0,075						0,093	0,081	0,541	0,570
2018-09-03	ST-WT-DC1	0,111	0,138	0,129	0,131					0,138	0,127	0,102	0,416
	ST-WT-DC2	0,106	0,131	0,093	0,108	0,093	0,120	0,115	0,136	0,136	0,113	0,116	0,456
	ST-WT-DC3	0,143	0,117	0,152	0,131					0,152	0,136	0,127	0,439
	ST-WT-DC4	0,104	0,138	0,145						0,145	0,129	0,552	0,563
2018-09-04	ST-WT-DC1	0,068	0,068	0,075	0,068	0,068				0,075	0,069	0,093	0,413
	ST-WT-DC2	0,106	0,070	0,072	0,084	0,088	0,068	0,077		0,106	0,081	0,106	0,453
	ST-WT-DC3	0,075	0,068	0,093	0,072					0,093	0,077	0,115	0,436
	ST-WT-DC4	0,131	0,104	0,068						0,131	0,101	0,117	0,560
2018-09-05	ST-WT-DC1	0,061	0,037	0,033						0,061	0,044	0,087	0,410
	ST-WT-DC2	0,037	0,046	0,046	0,029	0,042	0,042	0,039		0,046	0,040	0,093	0,449
	ST-WT-DC3	0,066	0,057	0,052	0,063					0,066	0,060	0,105	0,432
	ST-WT-DC4	0,052	0,061	0,052						0,061	0,055	0,108	0,556
2018-09-12	ST-WT-DC1	0,224	0,221	0,261						0,261	0,235	0,100	0,411
	ST-WT-DC2	0,252	0,217	0,231						0,252	0,233	0,109	0,448
	ST-WT-DC3	0,228	0,233	0,224						0,233	0,228	0,117	0,431
	ST-WT-DC4	0,249	0,294	0,238						0,294	0,260	0,122	0,557
2018-09-13	ST-WT-DC1	0,219	0,235	0,306						0,306	0,253	0,120	0,409
	ST-WT-DC2	0,249	0,242	0,273						0,273	0,255	0,126	0,448
	ST-WT-DC3	0,330	0,228	0,224						0,330	0,261	0,132	0,431
	ST-WT-DC4	0,214	0,247	0,233						0,247	0,231	0,132	0,529
2018-09-14	ST-WT-DC1	0,172	0,131	0,117						0,172	0,140	0,130	0,399
	ST-WT-DC2	0,070	0,075	0,070	0,068	0,072	0,075			0,075	0,072	0,123	0,439
	ST-WT-DC3	0,070	0,077	0,066						0,077	0,071	0,131	0,421
	ST-WT-DC4	0,097	0,102	0,095						0,102	0,098	0,136	0,508
2018-09-15	ST-WT-DC1	0,048	0,066	0,055	0,061	0,052				0,066	0,056	0,132	0,389
	ST-WT-DC2	0,055	0,052	0,068	0,057	0,037	0,044	0,050	0,055	0,068	0,052	0,121	0,426
	ST-WT-DC3	0,057	0,046	0,055	0,042					0,057	0,050	0,126	0,410
	ST-WT-DC4	0,050	0,046	0,039						0,050	0,045	0,131	0,489
2018-09-17	ST-WT-DC1	0,024	0,024	0,018						0,024	0,022	0,117	0,380
	ST-WT-DC2	0,020	0,022	0,022	0,024	0,018	0,020	0,016		0,024	0,020	0,108	0,413
	ST-WT-DC3	0,001	0,022	0,018						0,022	0,014	0,109	0,400
	ST-WT-DC4	0,031	0,016	0,006						0,031	0,017	0,116	0,479
2018-09-20	ST-WT-DC1	0,042	0,046	0,039	0,046					0,046	0,043	0,114	0,367
	ST-WT-DC2	0,042	0,039	0,048	0,044	0,039	0,046	0,029	0,035	0,048	0,040	0,102	0,396
	ST-WT-DC3	0,055	0,052	0,046	0,033					0,055	0,046	0,104	0,382

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	ST-WT-DC4	0,059	0,059	0,050						0,059	0,056	0,109	0,470
2018-09-21	ST-WT-DC1	0,063	0,057	0,059	0,050	0,055				0,063	0,057	0,115	0,353
	ST-WT-DC2	0,050	0,035	0,031	0,035	0,031	0,026	0,050		0,050	0,037	0,101	0,381
	ST-WT-DC3	0,033	0,029	0,024	0,020					0,033	0,026	0,099	0,366
	ST-WT-DC4	0,026	0,018	0,024						0,026	0,023	0,104	0,451
2018-09-23	ST-WT-DC1	0,000	0,000	0,000						0,000	0,000	0,082	0,340
	ST-WT-DC2	0,000	0,000	0,000	0,000	0,000	0,000			0,000	0,000	0,068	0,366
	ST-WT-DC3	0,000	0,000	0,000						0,000	0,000	0,067	0,348
	ST-WT-DC4	0,000	0,000	0,000						0,000	0,000	0,067	0,434
2018-09-24	ST-WT-DC1	0,000	0,000	0,000						0,000	0,000	0,046	0,327
	ST-WT-DC2	0,000	0,000	0,000	0,000	0,000	0,000	0,000		0,000	0,000	0,032	0,323
	ST-WT-DC3	0,031	0,004	0,010	0,008					0,031	0,013	0,032	0,335
	ST-WT-DC4	0,020	0,004	0,012						0,020	0,012	0,036	0,419

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 September. All spills related to the Whale Tail Project or the Whale Tail Road are include in this report.

All spills reported internally (6) and to regulators (3) 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

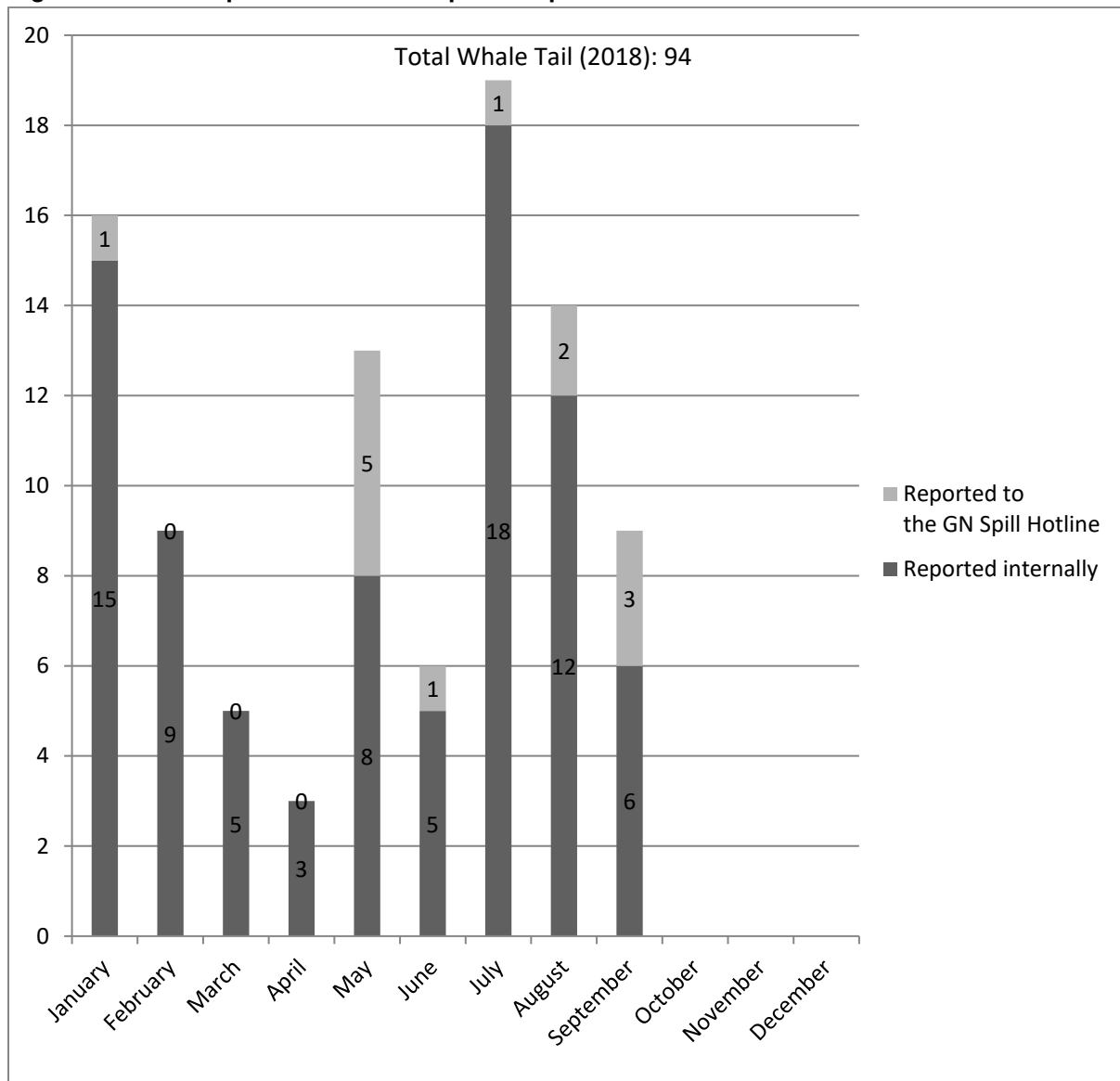


Table 3.1: Summary of Agnico Eagle Internal and Regulated Spill Reports, September 2018

Date of Spill	Hazardous Material	Qty	Units (L / Kg)	Location	Cause of spill	Clean-up action taken
September 10	Coolant	15	L	Amaruq Road Quarry 35	Coolant hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately
September 14	Glycol	80	L	Amaruq Pad C	Glycol pump failure	Spill was contained and contaminated soil picked up and disposed of appropriately
September 22	Hydraulic oil	20	L	Amaruq Pad G	Unknown	Spill was contained and contaminated soil picked up and disposed of appropriately
September 28	Coolant	20	L	Amaruq Pad D	Coolant hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately
September 30	Hydraulic oil	160	L	Amaruq Road Km 42	Pump to filter hose pin holed	Spill was contained and contaminated soil picked up and disposed of appropriately
September 30	Diesel	100	L	Amaruq Road KM 51	A tractor-trailer rolled-off the Whale Tail road at km 51.	On location, diesel fuel was found to be leaking from the cap of the tractor diesel tanks. Spill was contained and contaminated soil will be picked up and disposed of appropriately
September 30	Diesel	120	L	Amaruq Road Quarry 35	Lose solenoid on top of the hydraulic pump	Spill was contained and contaminated soil picked up and disposed of appropriately
September 30	Hydraulic oil	5	L	Amaruq Waste Dump	Hydraulic hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately
September 30	Coolant	20	L	Amaruq Pad D	Coolant hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately