



AGNICO EAGLE

WHALE TAIL PROJECT

Monitoring Program Summary Report

August 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 freshwater usage in August 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 August, the access road to Nemo Lake was not constructed and no water was taken from Nemo Lake.

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 August, no water was taken in Whale Tail Lake North Basin. As of now, only 247 m³ were pumped in July to start commissioning the Water Treatment Plan for construction effluent.

2.2 LAKE A47 WATER MONITORING

The 1st monitoring sample at Lake A47 was done on August 30, 2018. There is not regulatory limits for this sample. Results related to this monitoring station will be provided via the 2018 Annual Report required under Water License 2AM-WTP1826.

2.3 LAKE A15 WATER MONITORING

The 1st monitoring sample at Lake A15 was done on August 30, 2018. There is not regulatory limits for this sample. Results related to this monitoring station will be provided via the 2018 Annual Report required under Water License 2AM-WTP1826.

2.4 LAKE A16 OUTLET WATER MONITORING

The 1st monitoring sample at Lake A15 was done on August 30, 2018. There is not regulatory limits for this sample. Results related to this monitoring station will be provided via the 2018 Annual Report required under Water License 2AM-WTP1826.

2.5 SEEPAGE MONITORING

No seepage has been observed in August 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 plan 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. Three (3) turbidity curtains have been installed downstream of the dike prior to the start of the construction. As a supplementary measure, two (2) turbidity curtains were also deployed prior to the start of the construction on the north side of the dike. In-water dike construction stopped around August 27, 2018.

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 August as shown in Table 2-1 below.

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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
2018-08-01	ST-WT-DC1	0,189	0,189	0,186						0,189	0,188	0,123	0,123
	ST-WT-DC2	0,261	0,238	0,261	0,252	0,266	0,259			0,266	0,256	0,142	0,142
	ST-WT-DC3	0,254	0,259	0,252	0,252					0,259	0,254	0,136	0,136
	ST-WT-DC4	0,256	0,240	0,240						0,256	0,246	0,282	0,282
2018-08-01	ST-WT-DC1	0,256	0,335	0,344						0,344	0,312	0,129	0,142
	ST-WT-DC2	0,268	0,273	0,252	0,316	0,245	0,254			0,316	0,268	0,154	0,154
	ST-WT-DC3	0,256	0,226	0,245	0,252					0,256	0,245	0,146	0,146
	ST-WT-DC4	1,191	1,533	1,495						1,533	1,406	0,384	0,384
2018-08-02	ST-WT-DC1	0,559	0,561	0,564	0,568					0,568	0,563	0,196	0,180
	ST-WT-DC2	0,404	0,387	0,428	0,450	0,423	0,498	0,483		0,498	0,439	0,178	0,177
	ST-WT-DC3	0,493	0,532	0,522	0,527					0,532	0,519	0,177	0,177
	ST-WT-DC4	1,003	0,941	0,953						1,003	0,966	0,432	0,432
2018-08-02	ST-WT-DC1	0,530	0,486	0,503						0,530	0,506	0,207	0,207
	ST-WT-DC2	0,581	0,556	0,551	0,627	0,679	0,632			0,679	0,604	0,210	0,210
	ST-WT-DC3	0,462	0,471	0,486	0,517					0,517	0,484	0,200	0,200
	ST-WT-DC4	0,834	0,792	0,831						0,834	0,819	0,462	0,462
2018-08-03	ST-WT-DC1	0,361	0,414	0,418						0,418	0,398	0,239	0,222
	ST-WT-DC2	0,462	0,498	0,581	0,561	0,578	0,730			0,730	0,568	0,253	0,236
	ST-WT-DC3	0,467	0,430	0,423	0,416					0,467	0,434	0,233	0,217
	ST-WT-DC4	0,435	0,464	0,481						0,481	0,460	0,497	0,462
2018-08-03	ST-WT-DC1	0,603	0,556	0,568						0,603	0,576	0,286	0,247
	ST-WT-DC2	0,750	0,757	0,730	0,713	0,839	0,767	0,789		0,839	0,764	0,312	0,271
	ST-WT-DC3	0,926	0,822	0,784	0,775					0,926	0,827	0,297	0,258
	ST-WT-DC4	0,452	0,435	0,457						0,457	0,448	0,526	0,461
2018-08-04	no sampling done due to high winds												
2018-08-05	ST-WT-DC1	0,666	0,615	0,590						0,666	0,624	0,338	0,272
	ST-WT-DC2	0,688	0,681	0,676	0,647	0,671	0,642			0,688	0,667	0,362	0,296
	ST-WT-DC3	0,693	0,735	0,634	0,733					0,735	0,699	0,350	0,285
	ST-WT-DC4	0,757	0,777	0,859						0,859	0,798	0,546	0,482
2018-08-06	ST-WT-DC1	0,588	0,527	0,559						0,588	0,558	0,378	0,290
	ST-WT-DC2	0,644	0,571	0,666	0,595	0,647	0,632	0,625		0,666	0,626	0,397	0,315
	ST-WT-DC3	0,708	0,656	0,757	0,804					0,804	0,731	0,399	0,311
	ST-WT-DC4	0,652	0,698	0,822						0,822	0,724	0,575	0,496
2018-08-06	ST-WT-DC1	0,559	0,496	0,549						0,559	0,534	0,390	0,305
	ST-WT-DC2	2,571	2,628	2,048	1,642	1,492	1,211	0,986		2,628	1,797	0,523	0,397
	ST-WT-DC3	0,576	0,549	0,578	0,544					0,578	0,562	0,432	0,325
	ST-WT-DC4	0,598	0,629	0,639						0,639	0,622	0,592	0,503
2018-08-07	ST-WT-DC1	0,515	0,508	0,486						0,515	0,503	0,411	0,316
	ST-WT-DC2	0,476	0,527	0,491	0,486	0,505	0,493			0,527	0,496	0,546	0,403
	ST-WT-DC3	0,503	0,488	0,544						0,544	0,512	0,454	0,335
	ST-WT-DC4	0,459	0,527							0,527	0,493	0,603	0,503
2018-08-07	ST-WT-DC1	0,481	0,467	0,503	0,450	0,457	0,483			0,503	0,473	0,432	0,324
	ST-WT-DC2	0,416	0,508	0,488	0,508	0,483	0,445	0,438		0,508	0,469	0,568	0,406

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	ST-WT-DC3	0,496	0,467	0,433	0,505					0,505	0,475	0,476	0,342
	ST-WT-DC4	0,568	0,539	0,515						0,568	0,541	0,613	0,505
2018-08-08	ST-WT-DC1	0,416	0,462	0,491	0,438					0,491	0,451	0,451	0,330
	ST-WT-DC2	0,564	0,433	0,423	0,454	0,428	0,447	0,433		0,564	0,455	0,586	0,408
	ST-WT-DC3	0,414	0,447	0,433	0,442					0,447	0,434	0,493	0,347
	ST-WT-DC4	0,399	0,428	0,426						0,428	0,418	0,628	0,501
2018-08-08	ST-WT-DC1	0,593	0,578	0,568	0,629					0,629	0,592	0,483	0,343
	ST-WT-DC2	0,397	0,457	0,411	0,404	0,378	0,418			0,457	0,411	0,602	0,408
	ST-WT-DC3	0,373	0,414	0,397						0,414	0,394	0,505	0,349
	ST-WT-DC4	0,498	0,483	0,586						0,586	0,522	0,651	0,502
2018-08-09	ST-WT-DC1	0,392	0,418	0,366						0,418	0,392	0,499	0,345
	ST-WT-DC2	0,390	0,423	0,433	0,435					0,435	0,420	0,614	0,409
	ST-WT-DC3	0,418	0,414	0,392	0,409	0,459	0,390	0,428		0,459	0,416	0,518	0,352
	ST-WT-DC4	0,414	0,428	0,411						0,428	0,418	0,664	0,498
2018-08-09	ST-WT-DC1	0,390	0,402	0,370						0,402	0,387	0,504	0,347
	ST-WT-DC2	0,361	0,366	0,382	0,380					0,382	0,372	0,622	0,407
	ST-WT-DC3	0,454	0,423	0,409	0,457	0,459	0,428	0,447	0,440	0,459	0,440	0,533	0,355
	ST-WT-DC4	0,330	0,337	0,292						0,337	0,320	0,581	0,490
2018-08-10	ST-WT-DC1	0,426	0,464	0,416	0,457	0,423				0,464	0,437	0,495	0,351
	ST-WT-DC2	0,370	0,416	0,433	0,454	0,450	0,399	0,406		0,454	0,418	0,621	0,408
	ST-WT-DC3	0,000	0,006	0,044	0,402					0,402	0,113	0,502	0,346
	ST-WT-DC4	0,498	0,469	0,488						0,498	0,485	0,544	0,490
2018-08-10	ST-WT-DC1	0,486	0,573	0,423						0,573	0,494	0,494	0,356
	ST-WT-DC2	0,423	0,347	0,447	0,335	0,397	0,522	0,421		0,522	0,413	0,606	0,408
	ST-WT-DC3	0,515	0,409	0,406	0,459					0,515	0,447	0,499	0,349
	ST-WT-DC4	0,576	0,457	0,406						0,576	0,480	0,517	0,490
2018-08-11	ST-WT-DC1	0,576	0,617							0,617	0,597	0,509	0,366
	ST-WT-DC2	0,688	0,661	0,610						0,688	0,653	0,612	0,417
	ST-WT-DC3	0,573	0,647	0,812	0,844	0,889	0,770			0,889	0,756	0,523	0,365
	ST-WT-DC4	0,335	0,285	0,323						0,335	0,314	0,506	0,483
2018-08-12	ST-WT-DC1	0,782	0,859	0,956						0,956	0,865	0,477	0,384
	ST-WT-DC2	0,819	0,871	0,881	0,831	0,834	0,908			0,908	0,858	0,564	0,433
	ST-WT-DC3	0,812	0,804	0,789						0,812	0,802	0,446	0,380
	ST-WT-DC4	1,401	1,287	1,320						1,401	1,336	0,496	0,514
2018-08-13	ST-WT-DC1	1,011	0,993	0,874						1,011	0,959	0,513	0,405
	ST-WT-DC2	1,043	0,911	1,169	0,953	0,973	1,008			1,169	1,009	0,498	0,453
	ST-WT-DC3	1,924	1,538	1,474	1,469					1,924	1,601	0,532	0,422
	ST-WT-DC4	1,131	1,081	1,086						1,131	1,099	0,535	0,534
2018-08-14	ST-WT-DC1	0,864	0,826							0,864	0,845	0,547	0,420
	ST-WT-DC2	0,871	0,893	0,879	0,844	0,836	0,829	0,874		0,893	0,861	0,534	0,466
	ST-WT-DC3	0,841	0,819	0,854	0,836					0,854	0,838	0,567	0,436
	ST-WT-DC4	0,911	0,829	0,916						0,916	0,885	0,571	0,546
2018-08-15	ST-WT-DC1	0,831	0,826	0,767	0,735					0,831	0,790	0,641	0,432
	ST-WT-DC2	0,735	0,757	0,767	0,789	0,767	0,812			0,812	0,771	0,642	0,476
	ST-WT-DC3	0,767	0,799	0,747	0,797					0,799	0,778	0,688	0,447
	ST-WT-DC4	0,789	0,936							0,936	0,863	0,689	0,556
2018-08-16	ST-WT-DC1	0,691	0,669	0,688						0,691	0,683	0,709	0,440
	ST-WT-DC2	0,730	0,683	0,686	0,661	0,708	0,696			0,730	0,694	0,710	0,483
	ST-WT-DC3	0,718	0,693	0,742						0,742	0,718	0,757	0,456

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	ST-WT-DC4	0,688	0,676	0,718						0,718	0,694	0,769	0,560
2018-08-18	ST-WT-DC1	0,654	0,593	0,566						0,654	0,604	0,763	0,445
	ST-WT-DC2	0,632	0,595	0,644	0,593	0,551	0,634			0,644	0,608	0,779	0,487
	ST-WT-DC3	0,622	0,603	0,571						0,622	0,599	0,870	0,460
	ST-WT-DC4	0,578	0,595							0,595	0,587	0,825	0,561
2018-08-19	ST-WT-DC1	0,513	0,510	0,515						0,515	0,513	0,751	0,447
	ST-WT-DC2	0,590	0,559	0,551	0,534	0,551	0,554	0,556		0,590	0,557	0,765	0,489
	ST-WT-DC3	0,530	0,571	0,551	0,566					0,571	0,554	0,841	0,463
	ST-WT-DC4	0,634	0,656	0,681						0,681	0,657	0,874	0,564
2018-08-20	ST-WT-DC1	0,464	0,491	0,493						0,493	0,483	0,697	0,448
	ST-WT-DC2	0,517	0,522	0,498	0,508	0,517	0,525			0,525	0,515	0,716	0,490
	ST-WT-DC3	0,493	0,493	0,510						0,510	0,499	0,798	0,464
	ST-WT-DC4	0,500	0,500	0,510						0,510	0,504	0,756	0,562
2018-08-21	ST-WT-DC1	0,510	0,476	0,462						0,510	0,483	0,629	0,449
	ST-WT-DC2	0,440	0,496	0,469	0,462	0,481	0,496	0,513		0,513	0,479	0,641	0,489
	ST-WT-DC3	0,462	0,474	0,503	0,486					0,503	0,481	0,638	0,464
	ST-WT-DC4	0,508	0,486							0,508	0,497	0,669	0,560
2018-08-22	ST-WT-DC1	0,380	0,378	0,373	0,361					0,380	0,373	0,561	0,447
	ST-WT-DC2	0,426	0,414	0,392	0,378	0,397	0,399	0,370		0,426	0,396	0,574	0,487
	ST-WT-DC3	0,399	0,397	0,354	0,378					0,399	0,382	0,573	0,462
	ST-WT-DC4	0,454	0,399	0,414						0,454	0,422	0,603	0,557
2018-08-23	ST-WT-DC1	0,318	0,332	0,335						0,335	0,328	0,495	0,444
	ST-WT-DC2	0,330	0,335	0,335	0,325	0,337	0,347			0,347	0,335	0,512	0,483
	ST-WT-DC3	0,351	0,339	0,368						0,368	0,353	0,512	0,459
	ST-WT-DC4	0,382	0,392							0,392	0,387	0,535	0,552
2018-08-24	ST-WT-DC1	0,342	0,306	0,299						0,342	0,316	0,443	0,441
	ST-WT-DC2	0,278	0,306	0,308	0,318	0,311	0,301			0,318	0,304	0,456	0,478
	ST-WT-DC3	0,306	0,318	0,306	0,299					0,318	0,307	0,454	0,455
	ST-WT-DC4	0,313	0,294	0,311						0,313	0,306	0,480	0,546
2018-08-25	ST-WT-DC1	0,404	0,368	0,308						0,404	0,360	0,408	0,439
	ST-WT-DC2	0,254	0,256	0,271	0,240	0,254	0,242	0,242	0,256	0,271	0,252	0,405	0,473
	ST-WT-DC3	0,278	0,256	0,252	0,242					0,278	0,257	0,405	0,450
	ST-WT-DC4	0,271	0,249	0,256						0,271	0,259	0,433	0,539
2018-08-26	ST-WT-DC1	0,113	0,136	0,131	0,122					0,136	0,125	0,352	0,431
	ST-WT-DC2	0,138	0,145	0,133	0,136	0,127	0,138	0,122		0,145	0,134	0,345	0,464
	ST-WT-DC3	0,147	0,136	0,140	0,138					0,147	0,140	0,346	0,443
	ST-WT-DC4	0,366	0,375	0,198						0,375	0,313	0,384	0,533
2018-08-27	ST-WT-DC1	0,070	0,052	0,066						0,070	0,063	0,293	0,422
	ST-WT-DC2	0,050	0,052	0,039	0,033	0,029	0,033			0,052	0,039	0,277	0,454
	ST-WT-DC3	0,048	0,050	0,052						0,052	0,050	0,282	0,433
	ST-WT-DC4	0,050	0,055	0,044						0,055	0,050	0,319	0,522
2018-08-28	ST-WT-DC1	0,136	0,140	0,133						0,140	0,136	0,243	0,425
	ST-WT-DC2	0,147	0,159	0,156	0,152	0,143	0,122	0,138		0,159	0,145	0,229	0,457
	ST-WT-DC3	0,161	0,154	0,161						0,161	0,159	0,235	0,437
	ST-WT-DC4	3,291	3,180	2,968						3,291	3,146	0,698	0,596
2018-08-29	ST-WT-DC1	0,072	0,099	0,084	0,075					0,099	0,082	0,202	0,427
	ST-WT-DC2	0,168	0,149	0,136	0,136	0,120	0,106	0,113		0,168	0,132	0,192	0,460
	ST-WT-DC3	0,136	0,143	0,124	0,127					0,143	0,132	0,200	0,440
	ST-WT-DC4	0,124	0,113							0,124	0,119	0,654	0,598

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2018-08-30	ST-WT-DC1	0,136	0,154	0,140						0,154	0,143	0,175	0,430
	ST-WT-DC2	0,090	0,140	0,133	0,127	0,108	0,117	0,127		0,140	0,120	0,161	0,463
	ST-WT-DC3	0,154	0,149	0,149	0,138					0,154	0,148	0,170	0,444
	ST-WT-DC4	0,154	0,166	0,177						0,177	0,166	0,623	0,589
2018-08-31	ST-WT-DC1	0,131	0,113	0,108						0,131	0,117	0,147	0,431
	ST-WT-DC2	0,163	0,159	0,113	0,120	0,099	0,154	0,161		0,163	0,138	0,137	0,462
	ST-WT-DC3	0,140	0,191	0,127	0,145					0,191	0,151	0,148	0,445
	ST-WT-DC4	0,163	0,179	0,147						0,179	0,163	0,602	0,584

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 August. As the Whale Tail Project NWB Water License Type A 2AM-WTP1826 has been received, Agnico started to report the spills via the monthly report required by this license. To be consistent, all spills related to the Whale Tail Project or the Amaruk Exploration Access Road from January to June 2018 have been removed from the monthly report required by Water License 2AM-MEA1526 report and reported under the new 2AM-WTP1826 monthly report.

All spills reported internally (12) and to regulators (2) 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

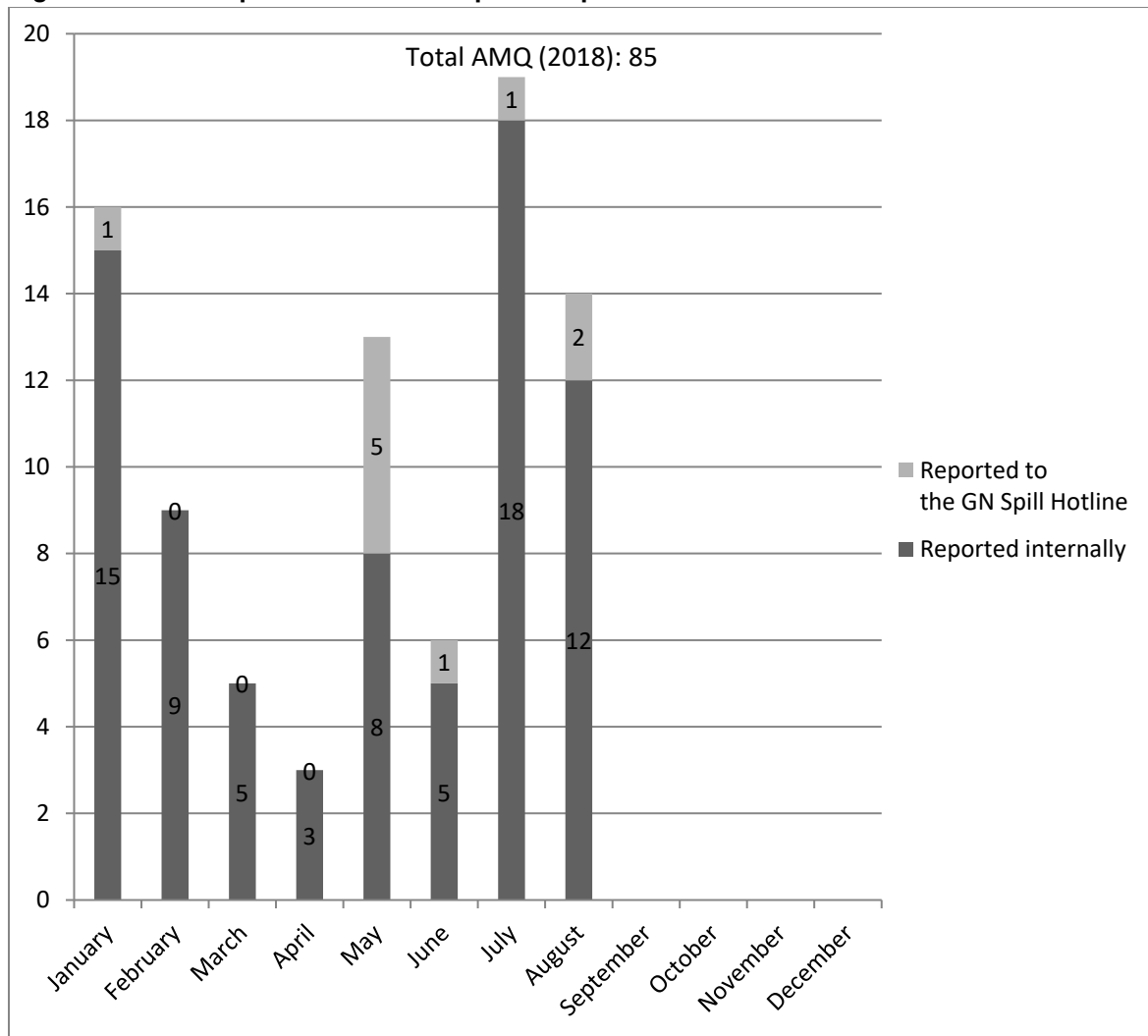


Table 3.1: Summary of Agnico Eagle Internal and Regulated Spill Reports, August 2018

Date of Spill	Hazardous Material	Qty	Units (L / Kg)	Location	Cause of spill	Clean-up action taken
August 1	Transmission oil	50	L	Amaruq Road KM 29,5	Hydraulic hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately
August 5	Transmission oil	95	L	Amaruq Quarry Ext	Transmission oil pan failure	Spill was contained and contaminated soil picked up and disposed of appropriately
August 5	Waste water	60	L	Amaruq Lift station Wing 9	Broken pipe	Spill was contained and contaminated soil picked up and disposed of appropriately
August 5	Hydraulic oil	30	L	Amaruq Quarry KM 30	Hydraulic hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately
August 7	Glycol	2	L	Amaruq Quarry Ext	Water pump failure on Loader	Spill was contained and contaminated soil picked up and disposed of appropriately
August 7	Engine oil	5	L	Amaruq Maintenance Shop	Overfilled Tote during transportation	Spill was contained and contaminated soil picked up and disposed of appropriately
August 8	Waste water	1400	L	Amaruq Sewage Treatment Plant	Waste water spill at the Newterra sewage treatment plant due to a 4 inch pipe located at the bottom of the tank letting go due to the securing mechanical coupling breaking off.	Spill was contained and contaminated soil picked up and disposed of appropriately

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August 10	Hydraulic oil	146	L	Amaruq Road Km 32	Broken Filter	Spill was contained and contaminated soil picked up and disposed of appropriately
August 12	Hydraulic oil	20	L	Amaruq Road KM 30.5	Hydraulic hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately
August 13	Coolant	10	L	Amaruq Pad G	O-ring failure	Spill was contained and contaminated soil picked up and disposed of appropriately
August 13	Transmission oil	90	L	Amaruq Road Km 30.3	Transmission oil filter failure	Spill was contained and contaminated soil picked up and disposed of appropriately
August 27	Diesel	40	L	Amaruq Pad G	Fuel Tank drain valve leak	Spill was contained and contaminated soil picked up and disposed of appropriately
August 30	Hydraulic oil	90	L	Amaruq Road 8 Waste Dump	Hydraulic hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately
August 31	Hydraulic oil	10	L	Amaruq Road KM 49	Hydraulic hose failure	Spill was contained and contaminated soil picked up and disposed of appropriately