



WHALE TAIL PROJECT

Monitoring Program Summary Report

October 2019

Type A Water License 2AM-WTP1826

Table of Contents

SECTION 1 • BACKGROUND 3

SECTION 2 • WATER MANAGEMENT 4

2.1 WATER USAGE4

2.2 LAKE WATER MONITORING.....4

2.3 WHALE TAIL DIKE SEEPAGE MONITORING4

2.4 SEEPAGE INTO MAMMOTH LAKE.....5

2.5 SEWAGE TREATMENT PLANT5

2.6 WHALE TAIL NORTH BASIN DEWATERING6

2.7 QUARRY 1 DISCHARGE9

2.8 WHALE TAIL SOUTH WATER TRANSFER10

SECTION 3 • SPILL MANAGEMENT12

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 and seepage monitoring around site, sewage treatment plant discharge, Whale Tail North Basin dewatering, Quarry 1 discharge and Whale Tail South Basin water transfer.

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.

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 of 240,000 m³/year. A total volume of 5,389 m³ was withdrawn from Nemo Lake in October. Details are provided in Table 2.1.1 below.

Table 2.1.1: October 2019 – Freshwater Consumption

Water Location	Source Lake	Jan	Feb	March	April	May	June
Camp	Nemo	1 306	1 396	1 179	1 192	1 806	1 940
Construction/Operation	Nemo	1 283	2 188	3 076	2 206	2 831	2 829
Dust Suppression	Nemo / WTHR Pond	0	0	0	0	0	0
Total Freshwater Usage (m³)		2 589	3 584	4 255	3 398	4 637	4 769

Water Location	Source Lake	July	Aug	Sept	Oct	Total
Camp	Nemo	1 882	1 825	1 760	2 051	16 337
Construction/Operation	Nemo	3 431	3 094	2 445	3 337	26 720
Dust Suppression	Nemo / WTHR Pond	0	0	0	0.0	0
Total Freshwater Usage (m³)		5 313	4 919	4 205	5 389	43 057

2.2 LAKE WATER MONITORING

Lake around the Whale Tail Project were monitored on a monthly basis during the open water season. In October, no monthly samples were taken at Lake A47 (ST-WT-6), Lake A45 (ST-WT-13), Lake A16 (ST-WT-14) and Lake A15 (ST-WT-15) due to freezing conditions and safety issue to go on the lake.

2.3 WHALE TAIL DIKE SEEPAGE MONITORING

In October the Whale Tail North dewatering continued and seepage water was still observed at the toe of the structure. Seepage was estimated at 400 m³/h based on V Notch measurement and visual observation.

Water management strategy were put in place to intercept the seepage and be ready for winter management. Part of the seepage water was pumped back to Whale Tail South from the interception trench.

Agnico also decided to go forward with the construction of a grout blanket in the top layer of the bedrock to reduce the seepage. Work is scheduled to start on this in November 2019.

On September 6, a meeting was held between Agnico and NWB to discuss Whale Tail Project Water Management Strategy. The strategy include, among other, the Whale Tail Dike (WTD) Seepage discharge to Whale Tail South Basin. Agnico will intercept non-contact water seeping from WTD before reaching Whale Tail North Basin and then discharge this non-contact water to Whale Tail South Basin. Water will be discharge without treatment if it meets TSS water quality limit. If needed, water will be treated via the Water Treatment Plan and then discharge back to Whale Tail South. Agnico will manage water from WTD seepage as part of the dewatering of the Whale Tail North Basin and will be monitored for Water License 2AM-WTP1826 Part D Item 7. Discharge started on October 4. Refer to Section 2.6 below for the water quality monitoring results.

Seepage water quality is also monitored as per the requirement of the Water License. The sampling station is named ST-WT-17 and is minimally sampled on a monthly basis for Group 1.

2.4 SEEPAGE INTO MAMMOTH LAKE

As required by Part H, Item 8b of Water License 2AM-WTP1826, Agnico Eagle Mine Limited – Meadowbank Division ("Agnico") informed regulators via email on August 25 that during an inspection held on August 24 at 10:30hrs of the Whale Tail Waste Rock Storage Facility (WRSF) Dike, a water flow was observed at the toe of the dike entering Mammoth Lake. Work was immediately initiated to pump out the WRSF collection pond which decreased the water flow on August 24. By August 26, Agnico had actively pumped the water from the WRSF pond back to Quarry 1 and approximately 50% of the water was pumped in two (2) days. By September 1, the available water was pumped back to Quarry 1 and only a small amount of water that could not be pumped efficiently due to the local topography remained in the pond. A sump has since been further excavated within the footprint of the WRSF pond to pump out the remaining standing water to Quarry 1. As a mitigation measure, the WRSF will be kept dry until the investigation is done and corrective actions are completed. By September 1, no apparent flow was observed at the toe of the dike.

Field measurements have been taken since the notification of the flow. Field measurements showed low turbidity and there were no concerns with pH noted. Acute lethality samples were taken on August 26 from the source as well as the receiving waterbody (Mammoth Lake). Results showed no mortalities in both samples. Samples were also taken for water quality specifically for Metal and Diamond Mining Effluent Regulations (Canada) related parameters. On September 20, a follow up report was sent to regulators. A second follow up report will be provided to regulators in December.

2.5 SEWAGE TREATMENT PLANT

Effluent from the Exploration Camp 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. All of the information regarding this discharge will be provided via the Annual Report required by 2BB-MEA1828 Part B Item 6.

The Sewage Treatment Plan located in the permanent camp associated with the Water License 2AM-WTP1826 was commissioned on April 12, 2019. Effluent is discharge in the future Whale Tail Attenuation Pond. As per Water License Schedule I Sampling Station ST-WT-11, effluent is to be sample four time per calendar year. Agnico is currently sampling the STP on a monthly basis and thus sample was taken in October. A total of 1,864 m³ was discharged during the month.

2.6 WHALE TAIL NORTH BASIN DEWATERING

As describe in Section 2.3 above, Agnico has discharge the Whale Tail dike (WTD) seepage as part of the Whale Tail North Dewatering to Whale Tail South Basin (ST-DD-7). Discharge started on October 4 for the whole month. A total volume of 186,230 m³ was discharged.

Dewatering of the Whale Tail North Basin to Mammoth Lake (ST-DD-9), via the temporary diffuser, discharged from October 2 to October 26. A total volume of 604,556 m³ was discharged during the month.

As per Water License Part D Item 7, the effluent from Whale Tail North dewatering, either to Whale Tail South or Mammoth Lake shall not exceed the following quality limits:

Parameter	Maximum Monthly Mean	Short Term Maximum
Total Suspended Solids	15.0 mg/L	22.5 mg/L
Turbidity	15 NTU	30 NTU
pH	6.0 to 9.0	6.0 to 9.0
Total Aluminum	1.5 mg/L	3.0 mg/L

The pH and Aluminum concentrations were as follows for ST-DD-7:

- pH 24 hour minimum/maximum: 7.07 / 7.80 (Limit is 6-9 units)
- pH 30 days minimum/maximum: 7.54 / 7.54 (Limit is 6-9 units)
- Al 24 hour maximum concentration: 0.259 mg/L (Limit is 3.0 mg/L)
- Al 30 days maximum concentration: 0.115 mg/L (Limit is 1.5 mg/L)

The turbidity and Total Suspended Solids (TSS) concentrations were as follows:

- NTU 24 hour maximum concentration: 80.1 NTU (Maximum Limit is 30 NTU)
- NTU 30 days mean maximum concentration: 8.67 NTU (Maximum Limit is 15 NTU).
- TSS 24 hour maximum concentration: 91 mg/L (Maximum Limit is 22.5 mg/L)
- TSS 30 days mean maximum concentration: 9.57 mg/L (Maximum Limit is 15 mg/L)

Table 2.6.1 summarizes the dewatering monitoring results for pH, aluminum, turbidity and TSS for the month. Two non-compliance was observed in October:

- 1- TSS results for October 10 (91 mg/L) was above the Water License Short Term Maximum limit of 22.5 mg/L and MDMER TSS limit of 30 mg/L
- 2- Turbidity exceedance on October 28 (80.1 NTU) was above the Water License Short Term Maximum limit of 30 NTU. On October 29, TSS result (26 mg/L) exceed the Water License Short Term Maximum Limit of 22.5 mg/L.

Table 2.6.1: Whale Tail North Basin Dewatering Monitoring ST-DD-7

Date	ST-DD-7				License Requirement			
	Turbidity ¹	TSS ²	pH ¹	Total Al ²	NTU 30-day Mean	TSS 30-day Mean	pH 30-day Mean	Al 30-day Mean
	NTU	mg/L		mg/L	15	15	6.0 - 9.0	3
01-10-2019	No discharge							
02-10-2019	No discharge							
03-10-2019	No discharge							
04-10-2019	6.96	8	7.35	0.110	6.96	8.00	7.35	0.110
05-10-2019	5.39	4	7.74		6.18	6.00	7.55	
06-10-2019	4.84	3	7.80		5.73	5.00	7.63	
07-10-2019	5.51	4	7.62	0.120	5.68	4.75	7.63	0.115
08-10-2019	5.34	<1	7.54		5.61	3.90	7.61	
09-10-2019	4.80	<1	7.78		5.47	3.33	7.64	
10-10-2019	29.3	91	7.53		8.88	15.86	7.62	
11-10-2019	4.76	5	7.36	0.103	8.36	14.50	7.59	0.111
12-10-2019	4.54	11	7.43		7.94	14.11	7.57	
13-10-2019	4.90	2	7.67		7.63	12.90	7.58	
14-10-2019	3.50	10	7.44	0.072	7.26	12.64	7.57	0.101
15-10-2019	4.74	4	7.79		7.05	11.92	7.59	
16-10-2019	4.11	9	7.24		6.82	11.69	7.56	
17-10-2019	4.98	3	7.34	0.130	6.69	11.07	7.55	0.107
18-10-2019	5.61	6	7.85		6.62	10.73	7.57	
19-10-2019	6.69	6	7.41		6.62	10.44	7.56	
20-10-2019	4.08	8	7.68		6.47	10.29	7.56	
21-10-2019	3.41	3	7.68	0.041	6.30	9.89	7.57	0.096
22-10-2019	3.49	5	7.07		6.16	9.63	7.54	
23-10-2019	3.80	5	7.89		6.04	9.40	7.56	
24-10-2019	3.32	3	7.68	0.084	5.91	9.10	7.57	0.094
25-10-2019	4.61	4	7.34		5.85	8.86	7.56	
26-10-2019	4.63	2	7.39		5.80	8.70	7.55	
27-10-2019	3.38	6	7.89		5.70	8.58	7.56	
28-10-2019	8.42	17	7.36	0.259	5.80	8.92	7.55	0.115

28-10-2019	80.1	NA	NA		8.73	8.96	7.56	
29-10-2019	11.9	26	7.32		8.78	9.58	7.55	
30-10-2019	5.66	8	7.35		8.67	9.52	7.54	
31-10-2019	4.41	11	7.51	0.111	8.52	9.57	7.54	0.115
1 - Measures taken in the field								
2- Results from the certified laboratory								
Half-detection limit use in the mean calculation								

The pH and Aluminum concentrations were as follows for ST-DD-9:

- pH 24 hour minimum/maximum: 6.66 / 7.61 (Limit is 6-9 units)
- pH 30 days minimum/maximum: 7.02 / 7.12 (Limit is 6-9 units)
- Al 24 hour maximum concentration: 0.056 mg/L (Limit is 3.0 mg/L)
- Al 30 days maximum concentration: 0.068 mg/L (Limit is 1.5 mg/L)

The turbidity and Total Suspended Solids (TSS) concentrations were as follows:

- NTU 24 hour maximum concentration: 5.98 NTU (Maximum Limit is 30 NTU)
- NTU 30 days mean maximum concentration: 3.95 NTU (Maximum Limit is 15 NTU).
- TSS 24 hour maximum concentration: 18 mg/L (Maximum Limit is 22.5 mg/L)
- TSS 30 days mean maximum concentration: 7.92 mg/L (Maximum Limit is 15 mg/L)

Table 2.6.2 summarizes the dewatering monitoring results for pH, aluminum, turbidity and TSS for the month. No non-compliance was observed in October:

Table 2.6.2: Whale Tail North Basin Dewatering Monitoring ST-DD-9

Date	ST-DD-9				License Requirement			
	Turbidity ¹	TSS ²	pH ¹	Total Al ²	NTU 30-day Mean	TSS 30-day Mean	pH 30-day Mean	Al 30-day Mean
	NTU	mg/L		mg/L	15	15	6.0 - 9.0	3
01-10-2019	No discharge				3.83	7.77	7.03	
02-10-2019	2.38	4	6.80	0.056	3.78	7.77	7.03	0.0595
03-10-2019	5.93	7	6.95		3.84	7.85	7.02	
04-10-2019	5.98	7	7.61		3.82	7.88	7.03	
05-10-2019	2.51	5	7.53		3.86	7.92	7.05	
06-10-2019	2.15	7	7.14		3.82	7.92	7.05	
07-10-2019	3.14	5	7.18	0.053	3.87	7.92	7.08	0.0579
08-10-2019	2.89	<1	6.96		3.69	7.71	7.07	
09-10-2019	3.59	<1	7.41		3.75	7.42	7.10	
10-10-2019	2.41	2	6.87		3.77	6.88	7.08	
11-10-2019	5.08	4	7.10		3.88	6.81	7.07	
12-10-2019	5.74	4	7.16		3.95	6.70	7.09	
13-10-2019	1.37	15	7.26		3.95	6.85	7.12	

14-10-2019	1.13	18	7.10	0.043	3.89	6.96	7.11	0.0680
15-10-2019	1.74	3	7.44		3.87	6.56	7.12	
16-10-2019	1.84	16	7.01		3.31	6.48	7.12	
17-10-2019	4.30	6	6.92		2.89	6.22	7.10	
18-10-2019	1.73	4	7.12		2.86	6.04	7.07	
19-10-2019	1.85	3	7.03		2.86	5.96	7.06	
20-10-2019	1.37	1	7		2.82	5.78	7.05	
21-10-2019	1.37	4	6.66	0.017	2.75	5.74	7.02	0.0423
22-10-2019	1.77	4	6.74		2.74	5.78	7.03	
23-10-2019	2.76	6	6.86		2.76	5.74	7.03	
24-10-2019	1.60	7	6.88		2.67	5.70	7.03	
25-10-2019	2.14	7	6.69		2.69	5.70	7.03	
26-10-2019	1.03	9	6.97		2.68	5.81	7.04	
27-10-2019	No discharge							
28-10-2019	No discharge							
29-10-2019	No discharge							
30-10-2019	No discharge							
31-10-2019	No discharge							
1 - Measures taken in the field								
2- Results from the certified laboratory								
Half-detection limit use in the mean calculation								

2.7 QUARRY 1 DISCHARGE

Water discharge from Quarry 1 was stopped on October 23. A total volume of 190,050 m³ of water was discharged without WTP, as water quality was below the regulatory limits, and discharged back to Mammoth Lake in one permanent diffuser.

As per Water License Part F Item 4, the effluent from this discharge shall not exceed the limits detailed in Table 2.7.1 below. No non-compliance observed during the month of October related to this discharge to the receiving environment.

Table 2.7.1: Quarry 1 Discharge (ST-WT-Quarry-1)

Parameter	Maximum Authorized Monthly Mean Concentration	Maximum Authorized Concentration Grab Sample	Unit	Sample Date			Monthly Average
				2019-10-07	2019-10-14	2019-10-21	
Conventional Constituents							
pH	6.0 to 9.5	6.0 to 9.5	N/A	7.31	6.99	7.14	7.15
Total suspended solids	15	30	mg/L	5	9	<1	5
Total Dissolved Solids	1400	1400	mg/L	334	326	358	339

Nutrients							
Total Ammonia	16	32	mg N/L	1.22	1.08	1.01	1.10
Total phosphorus	0.3	0.6	mg P/L	0.01	0.02	0.01	0.01
Total Metals							
Aluminum	0.5	1	mg/L	0.150	0.05	0.072	0.091
Arsenic	0.1	0.2	mg/L	0.0099	0.0095	0.008	0.0091
Cadmium	0.002	0.004	mg/L	< 0.0002	< 0.00002	< 0.00002	0.00004
Chromium	0.02	0.04	mg/L	<0.005	0.001	0.0011	0.0015
Copper	0.1	0.2	mg/L	0.0035	0.0027	0.0031	0.0031
Iron	1	2	mg/L	0.34	0.25	0.25	0.2800
Lead	0.05	0.1	mg/L	0.00063	<0.0003	0.0004	0.0005
Mercury	0.004	0.008	mg/L	<0.0001	<0.00001	<0.00001	0.00002
Nickel	0.25	0.5	mg/L	0.013	0.0143	0.0148	0.0140
Zinc	0.1	0.2	mg/L	<0.007	<0.001	<0.001	0.0015
Other							
Total oil and grease	3	6	mg/L	<1	1	1	0.83

2.8 WHALE TAIL SOUTH WATER TRANSFER

On September 6, a meeting was held between Agnico and NWB to discuss Whale Tail Project Water Management Strategy. The strategy include, among other, the Whale Tail South Basin (WTS) non-contact water transfer to Mammoth Lake. This pumping activity is to lower and then maintain water level in WTS in order to allow for the construction of the Whale Tail South Channel (SWTC) and preserve dike integrity. The objective of this activity is to temporarily substitute passive flow via the SWTC with a pumping alternative that would comply with the original intent of the approved water balance and Water License 2AM-WTP1826 (same origin and destination of water). Water quality monitoring will follow the Water License 2AM-WTP1826 Part F Item 6 and Schedule I Table 1 - Group 3, same as the one required for water flowing through the Whale Tail South Channel

Water transfer started on October 21 and a total volume of 332,239 m³ was discharged. As per Water License Part F Item 6, the effluent from this discharge shall not exceed the limits detailed in Table 2.8.1 below. No non-compliance observed during the month of October related to this non-contact water transfer to Mammoth Lake.

Table 2.8.1: Whale Tail South Water Transfer

Parameter	Maximum Authorized Monthly Mean Concentration	Maximum Authorized Concentration Grab Sample	Unit	Sample Date		Average
				ST-WT-25 2019-10-29	ST-WT-25a 2019-10-29	
Conventional Constituents						
pH			N/A	7.09	7.08	7.09
Turbidity			NTU	1.61	2.01	1.81
Total suspended solids	15	30	mg/L	4	3	3.5
Sulphate				3.7	3.2	3.5
Total Metals						
Aluminum			mg/L	0.029	0.025	0.027
Arsenic			mg/L	0.0020	0.0015	0.0018
Copper			mg/L	0.0021	0.0008	0.0015
Lead			mg/L	<0.0003	<0.0003	0.00015
Nickel			mg/L	0.0046	0.0021	0.0034
Zinc			mg/L	<0.001	<0.001	0.0005

SECTION 3 • SPILL MANAGEMENT

Figure 3.1 shows reported and non-reported spills for 2019 broken down per month and Table 3.1 summarizes Agnico Eagle spill reports for October.

All spills reported internally (16) were managed appropriately on site according to Agnico's spill contingency plan. Eight (8) spills were reported to regulators in October. 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 2019 Reported and Non-Reported Spills

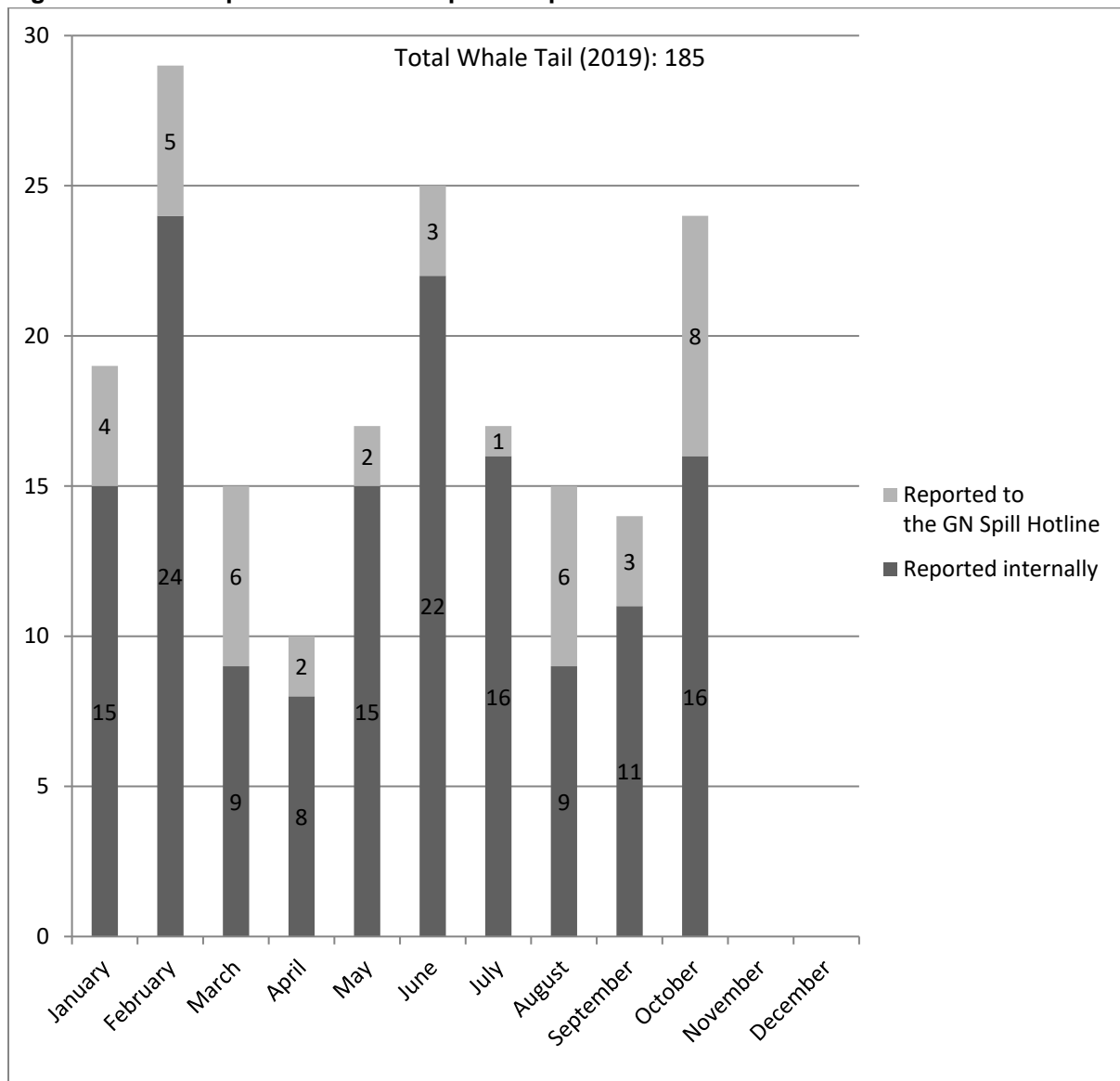


Table 3.1: Summary of Agnico Eagle Internal and Reported Spill Reports, October 2019

Date of Spill	Hazardous Material	Qty	Units (L / Kg)	Location	Cause of spill	Clean-up action taken
October 2, 2019	Hydraulic Oil	3	L	Quarry 2	Hydraulic hose fitting failure	Contaminated soil picked up and disposed of appropriately
October 7, 2019	Coolant	30	L	WT WRSF	Coolant hose failure	Contaminated soil picked up and disposed of appropriately
October 10, 2019	TSS	367.8	Kg	Dewatering Water to WTS	The effluent of the ST-MDMER-5/ST-DD-7 Whale Tail North Basin dewatering was sampled on October 10, 2019 at 17:00 am as required by the Water License 2AM-WTP1826. Results from the external laboratory were received and showed TSS result at 91 mg/L. Based on a total flow of 4,042 m ³ between October 10 and 11, the quantity of TSS is estimated at 368 kg.	Increased internal monitoring is ongoing for this station
October 10, 2019	Reclaim Water	150	L	Goose pit tailings deposition point	During an inspection of the Goose pit tailings deposition point, it was observed that some reclaim water had splashed outside of the berm surrounding the Goose pit tailings storage facility. This drizzle has been caused by a very high winds	The contaminated material was brought to the tailing pond
October 14, 2019	Oil	15	L	Snow cat garage	Valve open when moving the tote	Close valve and put absorbent pad. Contaminated soil picked up and disposed of appropriately
October 15, 2019	Hydraulic Oil	20	L	WT WRSF	Hydraulic pipe failure	Contaminated soil picked up and disposed of appropriately
October 16, 2019	Coolant	15	L	Truck Parking (New Camp)	Coolant leak on equipment	Engine was turned off and maintenance was advised for repair. Contaminated soil picked up and disposed of appropriately

Type A Water License 2AM-WTP1826
Monitoring Program Summary Report

October 16, 2019	Engine Oil	40	L	Haul Truck Parking Amaruq	Some oil come out by breather	Oil was picked up and disposed in the yellow bin at the shop
October 18, 2019	Hydraulic Oil	10	L	Quarry 2	Hydraulic hose failure	Stop the engine right away and called the supervisor. Contaminated soil picked up and disposed of appropriately
October 20, 2019	Hydraulic Oil	30	L	Ring Road	Hydraulic Hose failure	Stop the engine and called the supervisor. Contaminated soil picked up and disposed of appropriately
October 20, 2019	Transmission Oil	120	L	Whale Tail Pit	Transmission oil filter failed off the truck	The equipment was shut down and the contaminated soil was collected and put in the yellow roll off bin to be brought to the Meadowbank landfarm
October 21, 2019	Hydraulic Oil	10	L	Ring road	Rock fall down on hydraulic hose.	Stop the engine and called dispatch for a mechanic. Contaminated soil picked up and disposed of appropriately
October 22, 2019	Diesel	80	L	Between maintenance and Warehouse	While an employee was driving unit, the tech clipped the fuel tank tearing it off the generator and dragging it 20 ft.	Contaminated soil picked up and disposed of appropriately
October 22, 2019	Diesel	200	L	N 65 24'04.6" W 096 41'15.0"	The kind of hose use to connect auxiliary fuel reservoir was not compatible with fuel	Stop the pump and fuel valve, notice dewatering supervisor. All contaminated material picked up and brought to the landfarm in Meadowbank.
October 23, 2019	Hydraulic Oil	5	L	Quarry 2	Rock fell on hydraulic hose	Stop the engine and called the dispatch for mechanic. Contaminated soil picked up and disposed of appropriately
October 24, 2019	Diesel	200	L	Dewatering Pad	Fuel line on dewatering pump let go creating the fuel return line to leak inside the pump sea can on the dewatering pad.	The fuel pump was stopped, spill pads and absorbents were placed inside and around the perimeter of the pump sea-can. The fuel line was replaced and the sea-can was moved to remove any contaminated material that leaked outside the seacan. All contaminated material will be picked up and brought to the landfarm in Meadowbank.

Type A Water License 2AM-WTP1826
Monitoring Program Summary Report

October 25, 2019	Hydraulic Oil	200	L	Quarry 2	Hydraulic hose failure	Contaminated soil picked up and disposed of appropriately to the MBK Landfarm
October 26, 2019	Hydraulic Oil	75	L	Whale Tail Pit	Hydraulic pilot line failure	A shovel was removed from the face and shut down. The spill was collected with a 980 loader and placed in the yellow contaminated soil bin by the underground shop.
October 26, 2019	Sewage	4,000	L	Bionest #2 (explo camp)	Overflow pipe had a blockage and was causing sewage to leak out onto the sea-can floor and onto the ground below	The vacuum truck was used to empty the tank and prevent further overflow. The bionest system will be shut down and all future sewage from the camp will be kept in holding tanks then vacuum trucked to the Newterra system at the Amaruq camp. All contaminated soil was collected and brought to the Meadowbank landfarm.
October 27, 2019	Hydraulic Oil	3	L	WRSF waste dump	Hydraulic hose O-ring leak	The operator put the dozer out of the way and stop the engine right away. The operator called the dispatch for the mechanic. Contaminated soil picked up and disposed of appropriately.
October 27, 2019	Hydraulic Oil	45	L	Whale Tail Pit	Hydraulic hose failure	The operator stop the engine right away and called the dispatch for the mechanic. Contaminated soil picked up and disposed of appropriately.
October 27, 2019	Petroleum Product	10	L	Environment parking	Wrong priming pump installed	Stopped equipment and cleaned up the spill with the backhoe
October 28, 2019	Turbidity	80	NTU	Whale Tail Dewatering to Whale Tail South	A first water sample was taken at 6:50 on the morning of the 28, turbidity was then assessed to be at 15.94 NTU and parameters sampled included TSS directed at our external laboratory. As part of our regular water quality sampling, another turbidity reading was taken at 11:30 on the same morning. This reading was noted at 80.10	Increased internal monitoring is ongoing for this station

Type A Water License 2AM-WTP1826
Monitoring Program Summary Report

					NTU, exceeding the Water Licence criteria (Part D, Item 7) of 30 NTU.	
October 30, 2019	Hydraulic Oil	80	L	Quarry 2	Hydraulic O-ring failure	Contaminated soil picked up and disposed of appropriately