

August 9, 2008

Technical Advisor – Mining
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Re: June 2008 –Monthly Monitoring Report for Water License 2BE-HOP0712

Following is the monthly report for June 2008 as required under Water license 2BE-HOP0712.

1. MONITORING PROGRAM

During the month of June 2008, a set of grey water effluent samples were collected at SNP stations HOP-1, HOP-2 and HOP-3 as part of the monitoring program under water permit 2BE-HOP0712.

There was discharge from the Windy Camp Land Treatment Farm (HOP-4) from June 6 to June 11 inclusive. On June 30, there was also a discharge from HOP-4 to the new Sewage Treatment Plant (STP). No sample was obtained due to late arrival of properly treated sample bottles.

No discharge occurred from the Windy Camp Lined Fuel Farm (HOP-5) or the Patch Lake Lined Fuel Farm (HOP-6) during the sampling period.

HBML uses an external certified laboratory to carryout all the analyses for this report. As part of that process, HBML uses the QAQC data produced by the ALS laboratory to determine the accuracy and precision of results in this report.

A summary of June monthly water sampling as stipulated in the Water Use License No. 2BE-HOP0712 license is provided in Tables 1 and 2. Note that the numbers in bold are values that are overall discharge limits.

At HOP-2, value for BOD₅ was above the discharge limit. The accedence's were expected as operational personnel were carrying out system upgrades and maintenance work on the STP system at Windy. As part of the maintenance program, grey water from the decommissioned old RBC was pumped to the new Clementine Unit. Faecal coliforms and *E. coli* were present in the sample obtained at HOP-3. The presence of the organisms at HOP-3 was from runoffs from a pile of frozen treated grey water effluent melting during spring thaw at the discharge point. At the time of sampling, sampling station HOP-3 had land runoffs entering Windy Lake creating a small pocket of water along the shoreline.

Table 1: SNP Water sampling summary, June 2008

Station Number	Sampling Date	ALS Lab Reference #	Comment and Lat./ Long. coordinates
HOP-1	2008-06-30	L649514-4	Windy Lake Water Intake – Shore Sample
HOP-2	2008-06-30	L649514-5	RBC surge Tank (Lift Station)
HOP-3	2008-06-30	L649514-6	RBC effluent meets Windy Lake
HOP-4	2008-06-30	-	LTA effluent prior to release
HOP-5	No discharge	-	Effluent from Bulk fuel farm prior to release - Frozen
HOP-6	No discharge	-	Patch Lake Fuel Farm Effluent

Table 2: Treated Grey water Effluent Discharge from the WWTF Lift Station (HOP-2), June 2008

Parameter	HOP-1	HOP-2	HOP-3	Hope Bay: 2BE-HOP0712
ALS Lab Reference #	L649514-4/L649522-7	L649514-5/L649522-8	L649514-6/	Compliance Values
Field Sample Details	HOP-1	HOP-2	HOP-3	Part D: Item 10
Sample Date/Time	June 30 2008 @ 00:01 am	June 30 2008 @ 00:15 am	June 30 2008 @ 00:30 am	Part J: Item 2
Biochemical Oxygen Demand (BOD ₅)	<2	199	<2	80 mg/L
Total Suspended Solids (mg/L)	<3	92	<3	100 mg/L
Fecal Coliform	<1	<2,419	7	10 x 10 ⁴ CFU/100 mL (100,000 mL)
Total Coliform	<1	<2,419	133	-
<i>Escherichia coli</i> (<i>E. coli</i>)	<1	<2,419	10	-
pH (pH unit)	8.0	7.7	6.8	Between 6 and 9
Oil & Grease (Visibility)	NVS	NVS	NVS	No visible sheen (NVS)

2. CAMP WATER USAGE – HOP-1

Windy camp was in operation for the whole month of June. The water pump for the domestic supply is located at Windy Lake (HOP-1). Table 3 provides the water volume usage as required under Part J, Item 6 of the water licenses (2BE-HOP0712).

Table 3: Water usage in cubic meters (m³) for Windy Lake Camp (HOP-1), June 2008

Parameters	HOP-1	Remarks	2BE-HOP0712
Water Source	Windy Lake	Part J: Item 6	Compliance Guidelines
Monthly Cumulative	504	620	1550 m ³ monthly
Volume Average (Daily)	18	20	50 m ³ daily
Median	18	20	50 m ³ daily
Maximum	25	20	50 m ³ daily
Minimum	12	20	50 m ³ daily

3. DRILLING ACTIVITIES WATER USAGE

Drill numbers 1125 and 1185 we both shut down in May and had no water consumption in June. Table 4 provides the recorded water volume (in cumes) as required under Part J, Item 6 for the Hope Bay water license number 2BE-HOP0712.

Table 4: Drill rigs water usage (m³) for June 2008

Parameters	Rig 1096	Rig 1125	Rig 1185	Rig 1242	Daily Compliance	2BE-HOP0712
Water Source	Patch LK	Patch LK	Doris LK	Doris LK	Part J: Item 6	Compliance Guidelines
Drilling Days	21	-	-	29	-	-
Monthly Cumulative	107.65	-	-	150.1	930	1550 m ³ monthly
Vol. Average (Daily)	5.98	-	-	5.18	30	50 m ³ daily
Median	5.33	-	-	5.25	30	50 m ³ daily
Maximum	28.17	-	-	14.24	30	50 m ³ daily
Minimum	0.93	-	-	0.54	30	50 m ³ daily

4. HAZARDOUS WASTE MANAGEMENT

There was no movement of hazardous waste offsite during the period.

5. ENVIRONMENTAL INCIDENTS

There were eight (8) environmental incident reported in June 2008. The severity of the incidences at tabulated in Table 5.

Table 5: Number of and severity ratings for all environmental reported incidents for June 2008

Water Use Permit	Spill Category							Site	Month
Hope Bay Regional (2BE-HOP0712)	Compliance Issues	Near Miss	Level 1 (Insignificant)	Level 2 (Minor)	Level 3 (Moderate)	Level 4 (Major)	Level 5 (Catastrophic)	Sub Total	June 08
Patch Lake	-	0	0	0	0	0	0	0	0
Doris Lake	-	0	0	0	0	0	0	0	0
Madrid/Naartok	-	0	1	1	0	0	0	2	2
Roberts Bay	-	0	0	0	0	0	0	0	0
Windy Camp	1	0	4	1	0	0	0	6	6
External Reportable	1	-	-	2	0	0	0	3	3
Grand Totals (All Levels)	1	0	5	2	0	0	0	8	8

Note: External Reportable Incidences:

1. Damages to approximately 50 bags of salt bags (CaCl) at Naartok West core/salt lay down area

2. Approximately less than 200 litres of treated grey water effluent overflow from the old RBC into the pond behind Windy Camp.
3. Presence of faecal coliform and *E. coli* in lake samples at sampling station, HOP-3, and elevated value of BOD₅ in sample obtained at sampling station HOP-2.

Should there be any questions regarding the monthly report for June 2008, please contact Matt Kawei, Senior Environmental Coordinator, Hope Bay Mining Limited on phone number: 1-604-759-2292 or email:

Matthew.Kawei@Newmont.com

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Matt Kawei', with a stylized, cursive script.

Matt Kawei

Environmental Coordinator
Hope Bay Mining Limited