

October 23, 2009

Phyllis Beaulieu Manager of Licensing Nunavut Water Board P.O. Box 119 Gjoa Haven, NU X0B 1J0 (867) 360-6338

Re: 2BE-HOP0712 Monthly Monitoring Reports for February, March, and April 2008

Dear Ms. Beaulieu,

Please find, included with this letter, Hope Bay Mining Ltd.'s monthly monitoring reports for February, March, and April 2008 for license 2BE-HOP0712. These reports were originally submitted by Matt Kawei to David Hohnstein in 2008 and so were not added to the NWB public registry at the time. Please accept our apologies for the delay in their proper submittal.

Please contact me at chris.hanks@newmont.com should you have any questions regarding this submission.

Sincerely,

Chris Hanks Director, Environmental and Social Responsibility Hope Bay Mining Ltd.



October 15, 2009

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

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

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

1. MONITORING PROGRAM

During the month of February 2008, a set of grey water effluent samples were collected at monitoring station HOP-2, as part of the monitoring program under water permit 2BE-HOP0712. Monitoring sites HOP-1 and HOP-3 are frozen and therefore no water samples were collected. No discharged from facilities Windy Camp Land Treatment Farm (HOP-4), Windy Camp Lined Fuel Farm (HOP-5) and Patch Lake Lined Fuel Farm (HOP-6) during the reporting.

As HBML uses an external certified laboratory for carryout all the analyses and the sample sizes are quite small, HBML uses the QAQC data produced by the laboratory to determine the accuracy and precision of the issued results. The laboratory analytical data are not available at the time of writing this report and will be reported in March's report. A summary of the monthly sampling for water license is provided in Table 1.

Table 1: SNP Water sampling summary, February 2008

Station Number	Sampling Date	Lab Reference #	Comment and Lat./ Long. coordinates
HOP-1	-	•	Windy Lake water Intake - Frozen
HOP-2	February 26 2007	L605372-1 (Microbiological) L605353-1 (other parameters)	RBC surge Tank (Lift Station)
HOP-3	-	-	RBC effluent meets Windy Lake - Frozen
HOP-4	No discharge	-	LTA effluent prior to release -Frozen
HOP-5	No discharge	-	Effluent from Bulk fuel farm prior to release - Frozen
HOP-6	No discharge	-	Patch Lake Fuel Farm Effluent - Frozen

2. WATER USAGE

During the month of February 2008, Windy camp was in operation for the whole month. Water abstraction pump is located at Windy Lake (HOP-1). Table 2 provides the water volume usage as required under Part J, Item 6 of the water licenses (2BE-HOP0712).

Table 2: Water usage in cubic meters (m³) for Windy Lake Camp, February 2008

Details	HOP-1	Remarks	Remarks
Water Source	Windy Lake	Part C: Item 1	2BE-HOP0712: Compliance License
Monthly Cumulative	166.4	620	1550 m ³ monthly
Volume Average (Daily)	5.9	20	50 m ³ daily
Median	6.0	20	50 m ³ daily
Maximum	7.6	20	50 m ³ daily
Minimum	4.0	20	50 m ³ daily

3. WASTE MANAGEMENT

At Windy Lake Camp, non-combustible materials packed in drums during the summer of 2007 were flown out of Windy camp. Details on the total backhaul load will be provided in the March month-end report. No hazardous materials were flown offsite.

Packed drums of garbage and other non-combustible materials are continuously being moved from Patch Lake Major Shop and Boston Camp to Doris Lake ice-strip in preparation for backhauls offsite to Yellowknife Con Mine approved landfill facility for proper disposal.

4. ENVIRONMENTAL INCIDENCES

One environmental incident was reported during the reporting period. On February 19 2008, the pump in the RBC lift station burnt out during the night causing the holding tank to overflow and an excess amount of treated grey water running toward camp. Approximately 400 to 500 liters of treated grey water were released to the environment and froze immediately. The lift unit does not have an alarm system to give notice when the pump has a problem or a malfunction. An alarm system has been installed to provide a warning for future mishaps. A remediation plan in a form of a report is currently being written to provide a guide on how the clean-up will be done in the spring.

Should there be any questions regarding the monthly report for February 2008, Chris Hanks at Chris. Hanks@newmont.com.

Yours sincerely,

Chris Hanks Director, Environmental and Social Responsibility Hope Bay Mining Ltd.



October 15, 2009

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

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

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

1. MONITORING PROGRAM

During the month of March 2008, a set of grey water effluent samples were collected at monitoring station HOP-2, as part of the monitoring program under water permit 2BE-HOP0712. Monitoring sites HOP-1 and HOP-3 are frozen and therefore no water samples were collected. No discharged from facilities Windy Camp Land Treatment Farm (HOP-4), Windy Camp Lined Fuel Farm (HOP-5) and Patch Lake Lined Fuel Farm (HOP-6) during the reporting.

As HBML uses an external certified laboratory for carryout all the analyses and the sample sizes are quite small, HBML uses the QAQC data produced by the laboratory to determine the accuracy and precision of the issued results.

A summary of March monthly water sampling as stipulated in the Water Use License No. 2BE-HOP0712 license is provided in Table 1.

Station Number	Sampling Date	Lab Reference #	Comment and Lat./ Long. coordinates
HOP-1	-	•	Windy Lake water Intake - Frozen
HOP-2	2008-03-18	L612164-1/L612051-1	RBC surge Tank (Lift Station)
HOP-3	-	-	RBC effluent meets Windy Lake - Frozen
HOP-4	No discharge	-	LTA effluent prior to release -Frozen
HOP-5	No discharge	-	Effluent from Bulk fuel farm prior to release - Frozen
HOP-6	No discharge	-	Patch Lake Fuel Farm Effluent - Frozen
Doris LK A	2008-03-14	L610865-1	Physical properties & total metals
Patch LK A	2008-03-14	L610865-2	Physical properties & total metals
Patch LK B	2008-03-14	L610865-3	Physical properties & total metals

Table 1: SNP Water sampling summary, March 2008

2. WATER QUALITY RESULTS

In the February month-end report, water samples analytical data analysed for HOP-2 for that month were not reported. The results for parameters: Biochemical Oxygen Demand (BOD₅) and Total Suspended Solids (TSS) are elevated compared with the NWB Water Use Permit 2BE-HOP0712 compliance values. The faecal coliform counts were too numerous to count at the maximum dilution analyzed. The analytical results are tabulated in Table 2.

Also in March, before drilling water samples were also collected at Doris Lake and Patch Lake. The samples were sent to certified external laboratory for determination of physical and chemical parameters. The data is provided in Table 3 of this report. The samples were collected from Clementine Unit pump box.

Table 2: February Effluent Discharge from the WWTF, Lift Station (HOP-2)

Parameter	HOP-2	Hope Bay: 2BE-HOP0712
ALS Lab Reference #	L605373-1/L605353-1	Compliance Values
Field Sample Details	HOP-2	Part D: Item 10
Sample Date/Time	February 26 2008 @ 16:10 pm	Part J: Item 2
Biochemical Oxygen Demand (BOD ₅)	412	80 mg/L
Total Suspended Solids (mg/L)	496	100 mg/L
Fecal Coliform	>20,0001	10 x 10 ⁴ CFU/100 mL (100,000 mL)
Total Coliform	>2,420	-
Escherichia coli (E. coli)	>2,420	-
pH (pH unit)	7.4	Between 6 and 9
Oil & Grease (Visibility)	No visible sheen	No visible Sheen

Table 3: March Effluent Discharge from the WWTF, Lift Station (HOP-2)

Parameter	HOP-2	Hope Bay: 2BE-HOP0712
ALS Lab Reference #	L612164-1/L612051-1	Compliance Values
Field Sample Details	HOP-2	Part D: Item 10
Sample Date/Time	March 18 2008 @ 15:00 pm	Part J: Item 2
Biochemical Oxygen Demand (BOD ₅)	59	80 mg/L
Total Suspended Solids (mg/L)	20	100 mg/L
Fecal Coliform	>2,000	10 x 10 ⁴ CFU/100 mL (100,000 mL)
Total Coliform	>2,000	-
Escherichia coli (E. coli)	>2,000	-
pH (pH unit)	7.8	Between 6 and 9
Oil & Grease (Visibility)	4	No visible sheen

Table 4: Water quality data for before drilling at Doris and Patch Lake as required under Part F: Item 7. All units in mg/L

Parameters	Doris Lake	Patch Lake	Patch Lake	Remarks
ALS Lab Ref #	L610865-1	L610865-2	L610865-3	License # 2BE-HOP0712
Field Sample Details	Doris A	Patch LK A	Patch LK B	Part J: Item 5
Sample Date/Time	March 14 08 @14:10	March 14 08 @15:10	March 14 08 @15:15	Quality Standards
Total Suspended Solids	3	3	<3	mg/L
рН	7.6	7.8	7.8	pH unit
Iron	0.047	0.009	< 0.005	No guidelines
Manganese	0.003	0.004	0.002	No guidelines
Silver	< 0.005	< 0.005	< 0.005	No guidelines
Aluminum	0.01	0.04	0.03	No guidelines
Boron	< 0.05	< 0.05	< 0.05	No guidelines
Barium	0.004	0.006	0.006	No guidelines
Beryllium	< 0.002	< 0.002	< 0.002	No guidelines
Cadmium	< 0.001	< 0.001	< 0.001	No guidelines
Cobalt	< 0.002	< 0.002	< 0.002	No guidelines
Chromium	< 0.005	< 0.005	< 0.005	No guidelines
Copper	0.003	0.002	0.002	No guidelines
Molybdenum	< 0.005	< 0.005	< 0.005	No guidelines
Nickel	< 0.002	< 0.002	< 0.002	No guidelines
Lead	< 0.005	< 0.005	< 0.005	No guidelines
Tin	< 0.05	< 0.05	< 0.05	No guidelines
Strontium	0.054	0.107	0.101	No guidelines
Titanium	< 0.001	0.001	< 0.001	No guidelines
Thallium	< 0.05	< 0.05	< 0.05	No guidelines
Vanadium	< 0.001	< 0.001	< 0.001	No guidelines
Zinc	0.009	0.007	0.006	No guidelines
Total Mercury	< 0.0002	< 0.0002	< 0.0002	No guidelines

 $^{^{\}rm 1}$ TNTC – Too numerous to count at the maximum sample dilution analyzed

3. CAMP WATER USAGE - HOP-1

During the month of March 2008, Windy camp was in operation for the whole month. Water abstraction pump is located at Windy Lake (HOP-1). Table 5 provides the water volume usage as required under Part J, Item 6 of the water licenses (2BE-HOP0712).

Parameters	HOP-1	Remarks	2BE-HOP0712
Water Source	Windy Lake	Part J: Item 6	Compliance Guidelines
Monthly Cumulative	397.2	620	1550 m ³ monthly
Volume Average (Daily)	12.8	20	50 m ³ daily
Median	12.8	20	50 m ³ daily
Maximum	20.0	20	50 m ³ daily
Minimum	7.2	20	50 m ³ daily

Table 5: Water usage in cubic meters (m³) for Windy Lake Camp (HOP-1), March 2008

4. Drilling Activities Water Usage

Flow meters were installed at four drills operating at Doris Lake, Patch Lake and Madrid. Even through these meters are not suitable for the harsh arctic environmental conditions, some readings were taken at respective drilling rigs. Table 6 provides the water volume (in cumes) as required under Part J, Item 6 of the water license (2BE-HOP0712).

	D: 1006	D: 4405	D: 440#	D: 1010	D 11 G 11	ADE HODOEIA
Parameters	Rig 1096	Rig 1125	Rig 1185	Rig 1242	Daily Compliance	2BE-HOP0712
Water Source	Patch LK	Patch LK	Doris LK	Windy LK	Part J: Item 6	Compliance Guidelines
Drilling Days	11	2	13	4	-	-
Monthly Cumulative	16.50	3.23	27	24.4	930	1550 m ³ monthly
Vol. Average (Daily)	1.50	1.61	2.08	6.1	30	50 m³ daily
Median	1.35	1.61	2.41	6.2	30	50 m ³ daily
Maximum	2.49	1.71	3.76	8.0	30	50 m ³ daily
Minimum	0.82	1.52	0.11	4.0	30	50 m ³ daily

Table 6: Drill rigs water usage (in cumes) for March 2008

5. WASTE MANAGEMENT

No hazardous materials were flown offsite. Details of other non-combustible materials flown offsite will be included in the April report.

6. ENVIRONMENTAL INCIDENCES

Five environmental incidences were reported during the month. A brief summary of the incidences are outline below.

- March 3rd 2008: a rubber joint on the RBC sewer line leading out of the main complex to the RBC unit was found to be leaking during routine inspection. The leak was quickly fixed. No further remediation is required;
- March 6th 2008: an overflow of treated effluent occurred at Clementine RBC unit. Approximately 20 litres of treated sewer overflowed and froze immediately. The alarm system installed at the unit fail to go off when the treated effluent reached the maximum allowable level. The alarm was replaced and tested. Follow-up remediation is required in spring;
- March 11 2008: a kabutz owned by Kitnuna was burnt to ground on ice at Roberts Bay. This is classified as a near miss environment incident. All heating fuel attached to the kabutz were burnt off. No residual fuel was visible on ice. Follow-up is required in spring;
- March 12 2008: during a routine moving of Jet B drums from Roberts Bay to Windy Lake Camp, personnel operating a forklift accidentally punctured the top rim of a drum with a fork. No major spill occurred. The content of the punctured drum was immediately transferred to a new drum. No further remediation is required; and

• March 19 2008: tent number 4 at Windy Lake Camp was burnt to ground. This tent was attached to a fuel line feeding directly from a tidy tank located about 60 meters away from Tent # 4. This is classified as a near miss environmental incident. There was no apparent damage to the fuel line. No remediation is required.

Should there be any questions regarding the monthly report for March 2008, please contact Chris Hanks at Chris.Hanks@newmont.com.

Yours sincerely,

Chris Hanks Director, Environmental and Social Responsibility Hope Bay Mining Ltd.



October 19, 2009

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

Re: April 2008 –Monthly Monitoring Report for Water License 2BE-HOP0712 under Part J – Items 2 – 8.

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

1. <u>Part J: Item 2</u>

During the month of April 2008, water quality sampling was performed twice at SNP station HOP-2. Samples were not collected at stations HOP-1 and HOP-3 as these stations were frozen. Results of the sampling are provided in Table 1.

Parameter	НОР-2	Hope Bay: 2BE-HOP0712
ALS Lab Reference #	L623316-1/ L623321-1	Compliance Values
Field Sample Details	HOP-2	Part D: Item 10
Sample Date/Time	April 28 2008 @ 10:00 am	Part J: Item 2
Biochemical Oxygen Demand (BOD ₅)	167	80 mg/L
Total Suspended Solids (mg/L)	94	100 mg/L
Fecal Coliform	>2000	10 x 10 ⁴ CFU/100 mL (100,000 mL)
Total Coliform	>2420	-
Escherichia coli (E. coli)	>2420	-
pH (pH unit)	7.8	Between 6 and 9
Oil & Grease (Visibility)	nvs	No visible sheen (NVS)
ALS Lab Reference #	L624503-1	Compliance Values
Field Sample Details	HOP-2	Part D: Item 10
Sample Date/Time	April 30 2008 @ 7:00 am	Part J: Item 2
Biochemical Oxygen Demand (BOD ₅)	177	80 mg/L
Total Suspended Solids (mg/L)	90	100 mg/L
pH (pH unit)	7.6	Between 6 and 9
Oil & Grease (Visibility)	9mg/L	No visible sheen (NVS)

Table 1. WWTF Effluent Quality Sampling at Monitoring Station HOP-2, April 2008

The discharged effluent at HOP-2 did not meet the licence criteria for BOD at wither sampling event, and oil and grease visibility was reported as mg/L by the laboratory. Fecal coliform counts were not quantified to determine if the effluent was in compliance with the requirements of the licence.

2. <u>PART J: ITEM 3</u>

No sampling was conducted during the month of April as the station was frozen.

3. <u>Part J: item 4</u>

No water removal occurred from HOP-5 (Bulk Fuel Storage – Windy Camp) and HOP-6 (Bulk Fuel Storage – Patch Lake) occurred during the period. Water in these facilities is frozen.

4. <u>PART J: ITEM 5</u>

Water quality samples under Part F: Item 7 - Drilling through Lake Ice were collected from Patch Lake and Doris Lakes in March. Results of this sampling were provided in the March 2008 SNP Report.

5. **PART J: ITEM 6**

Water for domestic use was extracted from Windy Lake and water for drilling use was extracted from Windy, Doris and Patch Lakes during the period. Domestic water usage is provided in Table 2 and Drilling Water usage is provided in Table 3.

Parameters	HOP-1	Remarks	2BE-HOP0712	
r at affecters	HOL-1	Kemarks		
Water Source	Windy Lake	Part J: Item 6	Compliance Guidelines	
water source	Windy Lake	Domestic Water Usage	Total Water Usage	
Monthly Cumulative 534		620	1550 m ³ monthly	
Volume Average (Daily)	17.8	20	50 m ³ daily	
Maximum	24.8	20	50 m ³ daily	
Minimum	14.4	20	50 m ³ daily	

Table 2. Domestic Water Usage in cubic meters (m³), April 2008

Domestic water usage exceeded the licence requirement for daily usage for two days in April, but the average daily consumption is below the licence requirement.

Parameters	Rig 1096	Rig 1125	Rig 1185	Rig 1242	Daily Compliance	2BE-HOP0712
Water Source	Patch Lake	Patch Lake	Doris Lake	Windy Lake/Doris Lake	Part J: Item 6 Drilling water Usage	Compliance Guidelines Total Water Usage
Drilling Days	14	*	*	*	-	-
Monthly Cumulative	19.98	*	*	*	930	1550 m ³ monthly
Vol. Average (Daily)	1.33	*	*	*	30	50 m ³ daily
Maximum	4.9	*	*	*	30	50 m ³ daily
Minimum	0.12	*	*	*	30	50 m ³ daily

Table 3. Drill Water Usage in cubic meters (m³), April 2008

6. <u>PART J: ITEM 7</u>

In April, there was no meter installed on the discharge line from the Windy Camp WWTF monitoring station HOP-2 so no discharge volumes were measured. For the purposes of this report, effluent volumes discharged are estimated to be the same as water volumes consumed for domestic use. No volumes were measurable at HOP-3 (and the sampling location is frozen). No discharges occurred from monitoring stations HOP-4, HOP-5 or HOP-6 during the April as the locations are frozen.

7. PART J: ITEM 8

No sludge was measured or recorded for the period.

8. <u>Incident Reporting</u>

Three incidents were recorded pertaining to the licence during the period.

^{*} Accurate records for drill water use for this period are not available due to issues with the drill water meters not functioning correctly. Monthly reports for drill water usage for March 2008 and May 2008 would indicate that at an average drilling consumption rate, drilling usage did not exceed the daily usage allowable under the licence.

- April 23 2008: During a routine drill inspection, approximately 2 litres of hydraulic fluid was found leaking from a hydraulic line from the RC drill operating at a quarry site north of Windy Lake Camp. The impacted snow was quickly removed and taken back to the land treatment area at Windy for disposal. The damaged hydraulic line was replaced immediately. No further follow-up action is required.
- 2. <u>April 25 2008:</u> At drill 1096, approximately 1 litre of P50 fuel was found on ice after the drill was relocated to another drill site. Clean-up is required at this site as the area is currently being roped off due recent fall-through incident. Follow-up is required.
- 3. <u>April 27 2008:</u> At drill 1242, approximately 2 litres of P50 fuel was found around the drill site. The incident happened during fuel transfer. Corn-cobs and absorbent pads were used to remove residual fuel from ice. Follow-up is required after the drill has been relocated to other targets.

Should there be any questions regarding the monthly report for April 2008, please contact Chris Hanks, Director, Environment and Social Responsibility, Hope Bay Mining Limited on phone number: 720-917-4489 or email: Chris.Hanks@Newmont.com

Yours sincerely,

Chris Hanks

Director, Environment and Social Responsibility Hope Bay Mining Limited