

April 23, 2009

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

Re: March 2009 –Monthly Monitoring Report for Water License 2BE-BOS0712 under Part J – Items 2 – 8 and 11 - 14.

Following is the monthly report for March 2009 as required under Water license 2BB-BOS0712. Hope Bay Mining Ltd. (HBML) Operations personnel moved into Boston Camp on February 25 to carryout tasks for re-opening of the exploration camp. The camp opened for occupancy on March 5th 2009. Currently, drilling operations and preparations to install the new sewage treatment plant (STP) are underway. The start up for the new STP is currently planned for from mid to late June. An application for the modification of the water licence and an updated Sewage Management Plan has been submitted to the Nunavut Water Board for review.

1. PART J: ITEM 2

No sampling conducted during the month at BOS-2 – station frozen.

2. PART J: ITEM 3

Samples were collected at BOS-3 on March 30, 2009. No sampling was conducted at BOS-4 as this monitoring station was frozen. Results for sampling at monitoring station BOS-3 are tabulated in Table 1.

Table 1. Effluent Discharge Quality at Monitoring Station BOS-3, March 2009

Parameter/SNP Sites	BOS-3	Boston: 2BB-BOS0712
ALS Lab Reference #	L747348-3	Maximum Average Concentration (mg/L)
Field Sample Details	BOS-3	Part G: Item 3
Sample Date/Time	March 30, 2009	(b)
BOD ₅	75.3	80 mg/L
TSS (mg/L)	103	100 mg/L
Fecal Coliform	>200 TNTC*	10,000 CFU/100mL
pH (pH unit)	7.69	Between 6.0 and 9.5
Oil & Grease (Visibility)	nvs	NVS
Oil & Grease (mg/L)	15.5	5

Values for TSS and Oil and Grease (gravimetric) exceeded licence requirements for the sampling period. Analysis of fecal coliforms was not conducted at a dilution sufficient to accurately quantify CFU/100mL. This will be addressed with the lab for future samples.

3. PART J: ITEM 4

No sampling conducted during the month at BOS-4 –station frozen.

4. **PART J: ITEM 5**

No sampling conducted during the month at BOS-5, BOS-6 or BOS-7 – stations frozen.

5. **PART J: ITEM 6 AND PART J: ITEM 7**

No opportunities for sampling occurred at BOS-8 during the month.

6. **PART J: ITEM 8**

On –ice drilling water quality samples were collected March 25/09 and March 30/09 from Spyder Lake. The analysis has not yet been received from the lab to include in this report. Values will be reported in April's monthly SNP Report.

7. **PART J: ITEM 11**

Water usage from camp operations and drilling is detailed in the Table 2.

Table 2. Camp and Drill Water Usage in cubic meters (m³), March 2009

Parameters	BOS-1 Camp	Orbit 21	Total Usage m ³	2BB-BOS0712
Water Source	Spyder Lake	Spyder Lake		Compliance Values
Monthly Cumulative	97.09	208.7 *	305.79	3,100 m ³ monthly
Volume Average (Daily)	4.85	9.9	14.75	100 m ³ daily
Median	2.12	10.4	-	100 m ³ daily
Maximum	55.30	16.3	-	100 m ³ daily
Minimum	1.18	4.5	-	100 m ³ daily

*Meter was broken on Orbit 21 rig for 5 of 21 drilling days. Metered usage was 159 m³.

Five days at an average of 9.9 per day (49.7m³) were added to arrive at the monthly cumulative estimate of 208.7m³.

8. **PART J: ITEM 12**

No minewater was pumped from underground during the month.

9. **PART J: ITEM 13**

Effluent discharge at BOS-3 is detailed in the Table 3.

Table 3: Sewage Effluent released in cubic meters (m³) for Boston Camp STF (BOS-3), March 2009

Parameters	BOS-3
Monthly Cumulative	97.09*
Volume Average (Daily)	-
Median	-
Maximum	-
Minimum	-

* Problems with the effluent discharge meter necessitate using the metered intake volume as an estimate of discharge for the month of March. The installation of the new membrane plant sewage treatment facility should commence in April, and discharge will be properly metered once complete.

10. PART J: ITEM 14

No sewage sludge was removed from the facility during the month.

11. INCIDENT REPORTING

One incident was reported during the month.

1. March 26, 2009 - Level 1 (Insignificant) Approx 6 L of transmission fluid leaked on to the ice at Spyder Lake when a hose on the skid steer broke during cat train loading operations. The machinery was removed from service immediately for repairs and the spill was cleaned up and contaminated material disposed of. No follow-up required.

Should there be any questions regarding the monthly report for March 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

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