

June 15, 2008

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

Re: May 2008 –Monthly Monitoring Report for Water License 2BB-BOS0712

Following is the monthly report for May 2008 as required under Water license 2BB-BOS0712.

1. MONITORING PROGRAM

During the month of May 2008, a set of grey water effluent samples were collected at monitoring station BOS-3, as part of the monitoring program under water permit 2BB-BOS0712. No other samples were collected at all the other monitoring stations [Matt – Why?].

As HBML uses an external certified laboratory to carryout all the analyses. Therefore HBML uses the QAQC plan and data produced by ALS laboratory to determine the accuracy and precision of the results issued on this report.

A summary of May monthly water sampling as stipulated in the Water Use License No. 2BB-BOS0712 license is provided in Tables 1 and 2. Note that the numbers in bold are values that are over the guideline limits. It is anticipated that the upgrade, which is currently underway, to the treated grey water system is completed it will help HBML achieve compliance at its BOS-3 compliance point.

Table 1: SNP Water sampling summary, May 2008

Station Number	Sampling Date	ALS Lab Reference #	Comment and Lat./ Long. coordinates
BOS-1	No discharge	-	Spyder Lake water Intake - Frozen
BOS-2	No discharge	-	Containment Pond Discharge - Frozen
BOS-3	2008-05-14	L630110-1/L630119-1	RBC final effluent discharge
BOS-4	No discharge	-	RBC final effluent discharge prior to meeting Spyder
BOS-5	No discharge	-	Effluent from Bulk fuel farm prior to release - Frozen
BOS-6	No discharge	-	Effluent from landfarm treatment facility – snow cover
BOS-7	No discharge	-	Landfill Leachate – Snow cover
BOS-8	No discharge	-	Waste Rock & Ore Storage Pad leachate – Snow cover

Table 2: Treated Grey water Effluent Discharge from the Boston SDF final discharge point (BOS-3), May 2008

Parameter	BOS-3	Boston: 2BB-BOS0712
ALS Lab Reference #	L630110-1/L630119-1	Compliance Values
Field Sample Details	BOS-3	Part D: Item 10
Sample Date/Time	May 14 2008 @ 08:00 am	Part J: Item 2
Biochemical Oxygen Demand (BOD ₅)	110	80 mg/L
Total Suspended Solids (mg/L)	93	100 mg/L
Fecal Coliform	<2,419	10,000 CFU/100 mL
Total Coliform	<2,419	-
<i>Escherichia coli</i> (<i>E. coli</i>)	<2,419	-
pH (pH unit)	7.8	Between 6 and 9
Oil & Grease (Visibility)	NVS	No visible sheen (NVS)

2. CAMP WATER USAGE – BOS-1

During the month of May 2008, Boston Camp was in operation for the whole month. Water abstraction pump is located at Spyder Lake (BOS-1). Table 3 provides the water volume usage as required under Part J, Item 6 of the water licenses (2BB-BOS0712).

Table 3: Water usage in cubic meters (m³) for Boston Camp (BOS-1), May 2008

Parameters	BOS-1	2BB-BOS0712
Water Source	Spyder Lake	Compliance Guidelines
Monthly Cumulative	142	3,100 m ³ monthly
Volume Average (Daily)	3.16	100 m ³ daily
Median	3.0	100 m ³ daily
Maximum	15	100 m ³ daily
Minimum	1	100 m ³ daily

3. DRILLING ACTIVITIES WATER USAGE

A drill rig was relocated to Boston during the month. Due some challenges with the new drill, it was only in operation for three days at Boston. Table 4 provides the recorded water volume (in cumes) as required under Part J, Item 6 for the Boston water license number 2BB-BOS0712.

Table 4: Drill rigs water usage (in cumes) for May 2008

Parameters	Hole:08SBD378	2BB-BOS0712
Water Source	Spyder Lake	Compliance Guidelines
Drilling Days	3	-
Monthly Cumulative	3.52	3,100 m ³ monthly
Vol. Average (Daily)	1.17	100 m ³ daily
Median	1.52	100 m ³ daily
Maximum	1.73	100 m ³ daily
Minimum	0.27	100 m ³ daily

4. HAZARDOUS WASTE MANAGEMENT

No hazardous waste materials were flown offsite during the month.

5. ENVIRONMENTAL INCIDENTS

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

- Two minor environmental incidents were report during the month of May. Both incidences involved release of drill cutting sludge at two drill rig sites at Spyder Lake and Patch Lake. The impacted areas were cleaned to the satisfaction of the environmental personnel and will be shown to KIA and INAC inspectors.

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

Yours sincerely,

A handwritten signature in black ink, appearing to read 'MK' with a stylized flourish.

Matt Kawei

Senior Environmental Coordinator
Hope Bay Mining Limited