

November 1, 2010

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

Re: September 2010 – Monthly Monitoring Report for Water License 2BB-BOS0712 under Part J – Items 2 – 8 and 11 - 14.

Following is the monthly report for September 2010 as required under Water License 2BB-BOS0712. Boston Camp facilities were shut down May 25/09 and re-opened June 15/10 at reduced staffing levels while modifications to the Sewage Treatment Plant (STP) were being completed.

1. PART J: ITEM 2

Sampling was not conducted during the month at monitoring station BOS-2 (Containment Pond), as no discharge occurred during the period.

2. Part J: ITEM 3

Samples were collected at BOS-3 during September. Table 1 below shows the results from samples collected September 06/10.

Table 1. Sampling Results for Monitoring Station BOS-3, September 2010

Parameters	BOS-3	Remarks
ALS Lab Reference #	L929250-1	License # 2BB-BOS0712
Field Sample Details	BOS-3	-
Sample Date/Time	Sept 06/10@1600 hrs	-
pH	6.62	-
Oil & Grease	<1.0	mg/l
Oil & Grease (Visibility)	nvs	-
Fecal Coliforms	<1	CFU/100ml
Total Suspended Solids	<3.0	mg/l
BOD	<2.0	mg/l

3. PART J: ITEM 4

No toxicity testing was conducted during the month at monitoring station BOS-4, however water sampling was conducted. Table 2 shows the results of sampling undertaken at BOS-4.

Table 2. Sampling Results for Monitoring Station BOS-4, September 2010

Parameters	BOS-4	Remarks
ALS Lab Reference #	L929250-2	License # 2BB-BOS0712
Field Sample Details	BOS-4	-
Sample Date/Time	Sept 06/10@1600 hrs	-
pH	7.21	-
Oil & Grease	<1.0	mg/l
Oil & Grease (Visibility)	nvs	-
Fecal Coliforms	<1	CFU/100ml
Total Suspended Solids	<3.0	mg/l
BOD	<2.0	mg/l

4. PART J: ITEM 5

No discharge from BOS-5 (Bulk Fuel Storage) occurred during this period.

No sampling was conducted at BOS-6 (Landfarm Treatment Facility) as there was negligible effluent accumulated in the berm and no discharge to the environment from this facility.

No samples were collected at sampling station BOS-7 during the month, as no water was observed at this location.

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

No sampling occurred at BOS-8 during the period for the parameters required under this part.

6. PART J: ITEM 8

On-ice drilling samples were not collected as no winter drilling was conducted pertaining to this licence.

7. PART J: ITEM 11

No water usage for drilling occurred pertaining to this licence for the month of September. Domestic water usage started June 15/10 to open the camp and consumption during September is detailed in Table 3.

Table 3: Water Usage in cubic meters (m³), September 2010

Parameters	Domestic Usage BOS-1 (m ³)	2BB-BOS0712
Water Source	Spyder Lake	Compliance Values
Annual Cumulative	773.06	
Monthly Cumulative	138.40	3,100 m ³ monthly
Volume Average (Daily)	4.61	100 m ³ daily
Maximum	7.26	100 m ³ daily
Minimum	2.32	100 m ³ daily

8. PART J: ITEM 12

There was approximately 68 m³ of mine water, per Part D: Item 7 pumped from underground to containment pond BOS-2 during the month. This water will be held in the containment pond until next spring, as it is currently frozen.

9. PART J: ITEM 13

Sewage effluent discharge occurred at monitoring station BOS-3 in the month of September. The results of samples collected from this discharge are shown in Table 2 above. The volume discharged is shown in Table 4 below.

Table 4: Sewage Effluent released in cubic meters (m³), September 2010

Parameters	BOS-3 (m ³)	2BB-BOS0712
Annual Cumulative	316.06	-
Monthly Cumulative	87.71	-
Volume Average (Daily)	2.92	-
Maximum	5.07	-
Minimum	0.50	-

10. PART J: ITEM 14

No removal of sewage sludge occurred in September at the Sewage Disposal Facility.

11. INCIDENT REPORTING

There was 1 incident that occurred during the month pertaining to this licence. A summary is provided below:

- Sept 18/10: Approximately 10 litres of hydraulic oil spilled at the Boston camp area as a result of a blown hose on a skid steer. The contaminated gravel was shovelled up pending proper disposal. The hose was replaced and the equipment returned to service.

Should there be any questions regarding the monthly report for September 2010, 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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