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October 23, 2009

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

Re: 2BB-BOS0712 Monthly Monitoring Reports for March, April, June, and July 2008

Dear Ms. Beaulieu,

Please find, included with this letter, Hope Bay Mining Ltd.'s monthly monitoring reports for March, April, June, and July 2008 for license 2BB-BOS0712. 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.

Hope Bay Mining Ltd.
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889 Harbourside Drive
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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 2BB-BOS0712

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

1. MONITORING PROGRAM

Boston Camp was not operational during the month of March 2008; therefore no water or grey water effluent samples were collected at all sampling sites contained in water use permit number 2BB-BOS0712.

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 2BB-BOS0712 under Part J – Items 2 – 8 and 11 - 14.

Following is the monthly report for April 2008 as required under Water License 2BB-BOS0712:

1. PART J: ITEM 2

No sampling conducted during the month at BOS-2 and no discharges occurred – station frozen.

2. PART J: ITEM 3

Samples were collected at BOS-3 on April 30, 2008. 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, April 2008

| Parameter/SNP Sites | BOS-3 | Boston: 2BB-BOS0712 |
|---------------------------|-----------------------|--------------------------------------|
| ALS Lab Reference # | L624503-1/L624514-1 | Maximum Average Concentration (mg/L) |
| Field Sample Details | BOS-3 | Part G: Item 3 |
| Sample Date/Time | April 30, 2008 7:00am | |
| BOD ₅ | 177 | 80 mg/L |
| TSS (mg/L) | 90 | 100 mg/L |
| Fecal Coliform | Not reported | 10,000 CFU/100mL |
| pH (pH unit) | 7.6 | Between 6.0 and 9.5 |
| Oil & Grease (Visibility) | Not reported | NVS |

*non-compliant values are indicated in bold

Values for BOD exceeded licence compliance values for the April 30/08 sampling. Fecal coliform samples were taken, and visibility for oil and grease was requested but no values were reported by the lab. This was corrected with the lab for subsequent samples. TSS and pH values were in compliance.

3. PART J: ITEM 4

No toxicity test 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 – station frozen.

6. PART J: ITEM 8

No under-ice drilling water quality samples were collected during the month as drilling activities were not occurring pertaining to this licence in April.

7. PART J: ITEM 11

Water usage from camp operations is detailed in the Table 2. Drilling was not conducted pertaining to 2BB-BOS0712 in April. Water for domestic usage was in compliance with the licence for the month.

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

| Parameters | BOS-1 Camp | Total Usage m ³ | 2BB-BOS0712 |
|---------------------------|-------------|----------------------------|-------------------------------------|
| Water Source | Spyder Lake | | Compliance Values Part C: Item 1 |
| Monthly Cumulative | 59 | 59 | 3,100 m ³ monthly |
| Volume Average (Daily) | 2.0 | 2.0 | 100 m ³ daily |
| Maximum | 11.0 | 11.0 | 100 m ³ daily |
| Minimum | 1.0 | 1.0 | 100 m ³ daily |

8. PART J: ITEM 12

No minewater was pumped from underground during the month – the Boston portal was frozen.

9. PART J: ITEM 13

Effluent discharge at BOS-3 was not measured or recorded in April. There is no meter installed on the discharge line. For the purposes of this report, effluent volumes discharged are estimated to be the same as water volumes consumed for domestic use.

10. PART J: ITEM 14

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

11. INCIDENT REPORTING

No incidents were reported pertaining to this licence during April.

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

October 15, 2009

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

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

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

1. MONITORING PROGRAM

During the month of June 2008, effluent samples were collected at monitoring stations BOS-1 through BOS-4, and BOS-6 through BOS-8 as part of the monitoring program under water permit 2BB-BOS0712. Effluent was pumped from Fuel Farm Containment (BOS-5) to Containment Pond (BOS-2) on four occasions in June: June 8, 9, 24, and 25. As HBML uses an external certified laboratory to carryout all the analyses, the company also 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 June monthly water sampling as stipulated in the Water Use License No. 2BB-BOS0712 license is provided in Tables 1, 2, 3 and 4. Note that the numbers in bold are values that are over the compliance limits. At sampling station BOS-3, concentrations of DOB was elevated compared the compliance limit value. All other parameters at BOS-3 were within compliance. At BOS-4, even though all values were within compliance, presence of faecal coliforms and *E. coli* raised some concern and warranted a re-sampling. Two sets of samples were taken on July 03rd 2008 as shown in Table 3, which shows absence of faecal coliforms and *E. coli* at BOS-4.

At the time of sampling on June 30th 2008, it was noticeable that the lake level was extremely high at BOS-1 and BOS-4. At BOS-4 in particular, the level was well above the normally high water mark, and within approximately 100 meters of the treated grey water effluent release point, BOS-3. It was also noticeable during sampling at BOS-4 that a flock of Canadian geese were within the proximity of the water sampling area. Their presence could introduce sample contamination.

Table 4 shows water quality data collected at other sampling locations specified under the water license for Boston are within the compliance limits stipulated in Part D and Part J of the water license.

Table 1: SNP Water sampling summary, June 2008

| Station Number | Sampling Date | ALS Lab Reference # | Comment and Lat./ Long. coordinates |
|----------------|---------------|----------------------|------------------------------------------------------|
| BOS-1 | 2008-06-30 | L649514-1/L650854-1 | Spyder Lake water Intake |
| BOS-2 | 2008-06-30 | L650854-1 | Containment Pond Discharge |
| BOS-3 | 2008-06-30 | L649514-2/ L650854-2 | RBC final effluent discharge |
| BOS-4 | 2008-06-30 | L649514-3/ L650854-3 | RBC final effluent discharge prior to meeting Spyder |
| BOS-5 | No discharge | - | Effluent from Bulk fuel farm prior to release |
| BOS-6 | 2008-06-30 | L650854-2 | Effluent from landfarm treatment facility |
| BOS-7 | 2008-06-30 | L650854-3 | Landfill Leachate |
| BOS-8 | 2008-06-30 | L650854-4 | Waste Rock & Ore Storage Pad leachate |

Table 2: Monthly water quality parameters from Boston Camp from SNP BOS-1, BOS-3 and BOS-4, June 2008

| Parameter | BOS-1 | BOS-3 | BOS-4 | Boston: 2BB-BOS0712 |
|-----------------------------------------------|--------------------------|--------------------------|--------------------------|------------------------|
| ALS Lab Reference # | L649522-4/L649514-1 | L649522-5/L649514-2 | L649522-6/L649514-3 | Compliance Values |
| Field Sample Details | BOS-1 | BOS-3 | BOS-4 | Part D: Item 10 |
| Sample Date/Time | June 30, 2008 @ 11:15 am | June 30, 2008 @ 11:30 am | June 30, 2008 @ 11:00 am | Part J: Item 2 |
| Biochemical Oxygen Demand (BOD ₅) | <2 | 302 | 6 | 80 mg/L |
| Total Suspended Solids (mg/L) | <3 | 82 | <3 | 100 mg/L |
| Fecal Coliform | <1 | <2,419 | 3 | 10,000 CFU/100 mL |
| Total Coliform | 9 | <2,419 | <2,419 | - |
| <i>Escherichia coli</i> (<i>E. coli</i>) | <1 | <2,419 | 5 | - |
| pH (pH unit) | 6.8 | 7.5 | 6.6 | Between 6 and 9.5 |
| Oil & Grease (Visibility) | NVS | NVS | NVS | No visible sheen (NVS) |

Table 3: Re-sampling of water quality parameters from Boston Camp from SNP BOS-4, July 03 2008

| Parameter | BOS-4A | BOS-4B | Boston: 2BB-BOS0712 |
|-----------------------------------------------|-----------------------|-----------------------|------------------------|
| ALS Lab Reference # | L649522-4 | L649522-6 | Compliance Values |
| Field Sample Details | BOS-4A | BOS-4B | Part D: Item 10 |
| Sample Date/Time | July 03, 2008 @ 12:00 | July 03, 2008 @ 12:00 | Part J: Item 2 |
| Biochemical Oxygen Demand (BOD ₅) | - | - | 80 mg/L |
| Total Suspended Solids (mg/L) | - | - | 100 mg/L |
| Fecal Coliform | <1 | <1 | 10,000 CFU/100 mL |
| Total Coliform | 4 | 2 | - |
| <i>Escherichia coli</i> (<i>E. coli</i>) | <1 | <1 | - |
| pH (pH unit) | - | - | Between 6 and 9.5 |
| Oil & Grease (Visibility) | - | - | No visible sheen (NVS) |

Table 4: Effluent Discharges and runoffs from the Boston disturb areas and storage facilities, June 2008. All units are in mg/L unless stated.

| Parameters | BOS-2 | BOS-5 | BOS-6 | BOS-7 | BOS-8 | Remarks |
|------------------------------------------|-------------------|--------------|-------------------|-------------------|-------------------|---------------------------------------|
| ALS Lab Reference # | L6508454-1 | - | L650854 | L650854 | L650854 | License # 2BB-BOS0712 |
| Field Sample Details | BOS-2 | - | BOS-6 | BOS-7 | BOS-8 | Part D: Item 8; Part D: Item 17, & |
| Sample Date/Time | June 30 08: 16:15 | - | June 30 08: 16:50 | June 30 08: 16:20 | June 30 08: 17:00 | Part D: Item 21 |
| Total Suspended Solids | 8 | No discharge | 4 | 6 | 11 | 25 mg/L for BOS-2 |
| pH | 7.7 | No discharge | 7.8 | 7.5 | 8.0 | Between 6 - 9.5 pH units |
| Oil & Grease (Visibility) | <1.0 | No discharge | - | - | <1.0 | 15 mg and with no visible sheen (NVS) |
| Benzene | - | No discharge | 0.00073 | <0.00050 | - | 370 mg/L |
| Toluene | - | No discharge | 0.00077 | <0.00050 | - | 2 mg/L |
| Ethylbenzene | - | No discharge | <0.00050 | <0.00050 | - | 90 mg/L |
| Xylene | - | No discharge | 0.00210 | <0.00050 | - | No guidelines provided in permit |
| F1 (C6-C10) | - | No discharge | <0.1 | <0.1 | - | No guidelines provided in permit |
| F2 (>C10-C16) | - | No discharge | 1.6 | <0.05 | - | No guidelines provided in permit |
| F3 (C16-C34) | - | No discharge | 0.99 | <0.05 | - | No guidelines provided in permit |
| F4 (C34-C50) | - | No discharge | <0.05 | 0.05 | - | No guidelines provided in permit |
| Total Petroleum Hydrocarbons | - | - | - | - | - | Not done (insufficient samples) |
| Poly Aromatic Hydrocarbons | - | - | - | - | - | Not done (insufficient samples) |
| Total Phenols (4AAP) | - | - | 0.016 | 0.010 | - | No guidelines provided in permit |
| Conductivity (EC) | 4780 | No discharge | 2580 | 5190 | 1190 | No guidelines provided in permit |
| Total Hardness (as CaCO ₃) | 2150 | No discharge | 1100 | 2360 | 464 | No guidelines provided in permit |
| Nitrate-Nitrite | 12.8 | No discharge | 59 | 20.1 | 3.5 | No guidelines provided in permit |
| Calcium | 772 | No discharge | 248 | 788 | 116 | No guidelines provided in permit |
| Potassium | 45 | No discharge | 34.1 | 33.9 | 10.3 | No guidelines provided in permit |
| Magnesium | 53.4 | No discharge | 116 | 95.2 | 42.4 | No guidelines provided in permit |
| Sodium | 54 | No discharge | 106 | 116 | 57 | No guidelines provided in permit |
| Sulphate | 247 | No discharge | 778 | 425 | 217 | No guidelines provided in permit |
| Total Alkalinity (as CaCO ₃) | 40 | No discharge | 141 | 84 | 149 | No guidelines provided in permit |
| Total Arsenic | - | - | - | - | - | Not tested |
| Total Cadmium | <0.01 | No discharge | <0.001 | <0.01 | <0.001 | No guidelines provided in permit |
| Total Chromium | <0.05 | No discharge | <0.005 | <0.05 | <0.005 | No guidelines provided in permit |
| Total Copper | <0.01 | No discharge | 0.007 | <0.01 | 0.009 | No guidelines provided in permit |
| Total Nickel | 0.17 | No discharge | 0.928 | 1.57 | 1.38 | No guidelines provided in permit |
| Total Lead | <0.05 | No discharge | <0.005 | <0.05 | <0.005 | 1 mg/L |
| Total Iron | 0.155 | No discharge | 0.121 | 1.00 | 1.38 | No guidelines provided in permit |
| Total Mercury | - | - | - | - | - | Not tested |

2. CAMP WATER USAGE – BOS-1

During the month of June 2008, Boston Camp was in operation for the whole month. Water abstraction pump is located at Spyder Lake (BOS-1). Table 5 provides the water volume usage as required under Part J, Item 6 of the water licenses (2BB-BOS0712).

Table 5: Water usage in cubic meters (m³) for Boston Camp (BOS-1), June 2008

| Parameters | BOS-1 | 2BB-BOS0712 |
|------------------------|-------------|------------------------------|
| Water Source | Spyder Lake | Compliance Values |
| Monthly Cumulative | 107 | 3,100 m ³ monthly |
| Volume Average (Daily) | 3.82 | 100 m ³ daily |
| Median | 3 | 100 m ³ daily |
| Maximum | 15 | 100 m ³ daily |
| Minimum | 0 | 100 m ³ daily |

3. DRILLING ACTIVITIES WATER USAGE

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

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

| Parameters | Hole:08SBD378 | 2BB-BOS0712 |
|----------------------|---------------|------------------------------|
| Water Source | Spyder Lake | Compliance Values |
| 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

There were two environmental incident reported in June 2008. The severity of the incidences at tabulated in Table 7.

Table 7: Number of and severity ratings for all environmental reported incidents for June 2008

| Water Use Permit | Spill Category | | | | | | | Site | Month |
|------------------------------|-------------------|-----------|-------------------------|-----------------|--------------------|-----------------|------------------------|-----------|---------|
| Boston Project (2BB-BOS0712) | Compliance Issues | Near Miss | Level 1 (Insignificant) | Level 2 (Minor) | Level 3 (Moderate) | Level 4 (Major) | Level 5 (Catastrophic) | Sub Total | June 08 |
| Boston Camp | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| External Reportable | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Grand Totals (All Levels) | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |

Note: External Reportable Incidences:

1. Presence of faecal coliform and *E. coli* in lake samples at sampling station, BOS-4.
2. Elevated concentrations of BOD₅ in sample obtained at sampling station BOS-3.

Should there be any questions regarding the monthly report for June 2008, please contact 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: July 2008 –Monthly Monitoring Report for Water License 2BB-BOS0712

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

1. MONITORING PROGRAM

During the month of July 2008, effluent samples were collected at monitoring stations BOS-1 through BOS-4, and BOS-6 through BOS-8 as part of the monitoring program under water permit 2BB-BOS0712. Effluent was pumped from Fuel Farm Containment (BOS-5) to Containment Pond (BOS-2) on four occasions in July: July 8, 9, 24, and 25.

As HBML uses an external certified laboratory to carryout all the analyses, the company also 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 July monthly water sampling as stipulated in the Water Use License No. 2BB-BOS0712 license is provided in Tables 1, 2, 3, 4 and 5. Due to poor sewage treatment plant performance Hope Bay Mining Ltd. (HBML) is sampling on a weekly basis in order to provide Sanitherm technicians and FSC consultants working to maximize plant performance with more regular data. While the SNP for Boston only requires monthly sampling in order to be transparent HBML is voluntarily providing the Nunavut Water Board with the complete data set. These tables provide data for water samples collected weekly at BOS-1, BOS-3 and BOS-4. Table 6 provides data for water samples collected at BOS-5, BOS-7 and BOS-8. No water samples were collected at sampling sites, BOS-2 and BOS-6 during the month due to no runoffs from site at the time of sampling. The bold numbers in the tables indicate values in excess of the discharge limits specified in Water Licence 2BB-BOS0712.

Table 2 provides data for sampling site BOS-4 (effluent meets Spyder Lake). During June sampling, it was noted that faecal coliforms and *E. coli* were present in the water samples. Water samples were retaken on July 3 shows absence of these organisms at BOS-4. Elevated numbers of total coliforms were observed at BOS-4 in July 14 and 28 water samples. A similar observation was made on total coliforms at BOS-1.

At the discharge point (BOS-3), concentrations of BOD and TSS were elevated in all the weekly samples. A similar observation was made for faecal and total coliforms and *E. coli*. There is a sharp increase in the number of organism at BOS-3 on July 28 2008. The reason for this increase is correlated with the increase in high TSS loading in the system at the time of sampling.

Table 6 shows water quality data collected at other sampling locations specified under the water license for Boston. All data are with the compliance limits.

Table 1: SNP Water sampling summary, July 2008

| Station Number | Sampling Date | ALS Lab Reference # | Comment and Lat./ Long. coordinates |
|----------------|---------------------|----------------------|------------------------------------------------------|
| BOS-1 | July 03, 14, 21, 28 | L660052-7 | Spyder Lake water Intake |
| BOS-2 | No discharge | - | Containment Pond Discharge |
| BOS-3 | July 03, 14, 21, 28 | L656384-5/ L655936-2 | RBC final effluent discharge |
| BOS-4 | July 03, 14, 21, 28 | L656384-6/ L655936-3 | RBC final effluent discharge prior to meeting Spyder |
| BOS-5 | July 05, 14 2008 | L653812-2/ L655936-2 | Effluent from Bulk fuel farm prior to release |
| BOS-6 | No discharge | - | Effluent from landfarm treatment facility |
| BOS-7 | July 14 2008 | L655936-6 | Landfill Leachate |
| BOS-8 | July 14 2008 | L655936-7 | Waste Rock & Ore Storage Pad leachate |

Table 2: Re-sampling of water quality parameters from Boston Camp from SNP BOS-4, July 03 2008

| Parameter | BOS-4A | BOS-4B | Boston: 2BB-BOS0712 |
|-----------------------------------------------|-----------------------|-----------------------|------------------------|
| ALS Lab Reference # | L649522-4 | L649522-6 | Compliance Values |
| Field Sample Details | BOS-4A | BOS-4B | Part D: Item 10 |
| Sample Date/Time | July 03, 2008 @ 12:00 | July 03, 2008 @ 12:00 | Part J: Item 2 |
| Biochemical Oxygen Demand (BOD ₅) | - | - | 80 mg/L |
| Total Suspended Solids (mg/L) | - | - | 100 mg/L |
| Fecal Coliform | <1 | <1 | 10,000 CFU/100 mL |
| Total Coliform | 4 | 2 | - |
| <i>Escherichia coli</i> (<i>E. coli</i>) | <1 | <1 | - |
| pH (pH unit) | - | - | Between 6 and 9.5 |
| Oil & Grease (Visibility) | - | - | No visible sheen (NVS) |

Table 3: Monthly water quality parameters from Boston Camp from SNP BOS-1, BOS-3 and BOS-4, July 14 2008

| Parameter | BOS-1 | BOS-3 | BOS-4 | Boston: 2BB-BOS0712 |
|-----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ALS Lab Reference # | L656384-4/L655936-1 | L656384-5/ L655936-2 | L656384-6/ L655936-3 | Compliance Values |
| Field Sample Details | BOS-1 | BOS-3 | BOS-4 | Part D: Item 10 |
| Sample Date/Time | July 14 2008 @ 11:00 am | July 14 2008 @ 11:00 am | July 14 2008 @ 11:00 am | Part J: Item 2 |
| Biochemical Oxygen Demand (BOD ₅) | 2 | 298 | 2 | 80 mg/L |
| Total Suspended Solids (mg/L) | 3 | 144 | 7 | 100 mg/L |
| Fecal Coliform | <1 | >2,419 | <1 | 10,000 CFU/100 mL |
| Total Coliform | 12 | >2,419 | 125 | - |
| <i>Escherichia coli</i> (<i>E. coli</i>) | 1 | >2,419 | 1 | - |
| pH (pH unit) | 6.9 | 7.8 | 6.9 | Between 6 and 9.5 |
| Oil & Grease (Visibility) | NVS | NVS | NVS | No visible sheen (NVS) |

Table 4: Monthly water quality parameters from Boston Camp from SNP BOS-1, BOS-3 and BOS-4, July 21 2008

| Parameter | BOS-1 | BOS-3 | BOS-4 | Boston: 2BB-BOS0712 |
|-----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ALS Lab Reference # | L660052-7 | L660052-8 | L660052-9 | Compliance Values |
| Field Sample Details | BOS-1 | BOS-3 | BOS-4 | Part D: Item 10 |
| Sample Date/Time | July 21 2008 @ 10:00 am | July 21 2008 @ 10:30 am | July 21 2008 @ 10:30 am | Part J: Item 2 |
| Biochemical Oxygen Demand (BOD ₅) | <2 | 291 | <2 | 80 mg/L |
| Total Suspended Solids (mg/L) | <3 | 140 | <3 | 100 mg/L |
| Fecal Coliform | <1 | >2,000 | <1 | 10,000 CFU/100 mL |
| Total Coliform | 24 | >2,419 | 3 | - |
| <i>Escherichia coli</i> (<i>E. coli</i>) | 1 | >2,419 | <1 | - |
| pH (pH unit) | 7.0 | 7.6 | 6.9 | Between 6 and 9.5 |
| Oil & Grease (Visibility) | <1 | 68 | <1 | No visible sheen (NVS) |

Table 5: Monthly water quality parameters from Boston Camp from SNP BOS-1, BOS-3 and BOS-4, July 28 2008

| Parameter | BOS-1 | BOS-3 | BOS-4 | Boston: 2BB-BOS0712 |
|-----------------------------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ALS Lab Reference # | L662102-5 | L662102-6 | L662102-7 | Compliance Values |
| Field Sample Details | BOS-1 | BOS-3 | BOS-4 | Part D: Item 10 |
| Sample Date/Time | July 28 2008 @ 09:45 am | July 28 2008 @ 10:00 am | July 28 2008 @ 10:30 am | Part J: Item 2 |
| Biochemical Oxygen Demand (BOD ₅) | <2 | 264 | <2 | 80 mg/L |
| Total Suspended Solids (mg/L) | <3 | 332 | <3 | 100 mg/L |
| Fecal Coliform | 8 | 44,900,000 | 1 | 10,000 CFU/100 mL |
| Total Coliform | 1,700 | 200,000,000 | 1,200 | - |
| <i>Escherichia coli</i> (<i>E. coli</i>) | 2 | 52,000,000 | 3 | - |
| pH (pH unit) | 7.2 | 7.6 | 7.4 | Between 6 and 9.5 |
| Oil & Grease (Visibility) | NVS | NVS | NVS | No visible sheen (NVS) |

Table 6: Effluent Discharges and runoffs from the Boston disturb areas and storage facilities, July 2008. All units are in mg/L unless stated.

| Parameters | BOS-5 | BOS-5 | BOS-7 | BOS-8 | Remarks |
|------------------------------------------|--------------|--------------|--------------------|--------------------|---------------------------------------|
| ALS Lab Reference # | L653812-2 | L655936-4 | L655936-6 | L655936-7 | License # 2BB-BOS0712 |
| Field Sample Details | BOS-5 | BOS-5 | BOS-7 | BOS-8 | Part D: Item 8; Part D: Item 17, & |
| Sample Date/Time | July 05 2008 | July 14 2008 | July 14 2008@08:30 | July 14 2008@09:00 | Part D: Item 21 |
| Total Suspended Solids | 19 | 7 | 56 | 40 | 25 mg/L for BOS-2 |
| pH | 6.9 | 7.8 | 7.5 | 8.1 | Between 6 - 9.5 pH units |
| Oil & Grease (Visibility) | <1 | NT | NVS | - | 15 mg and with no visible sheen (NVS) |
| Benzene | <0.00050 | 0.00051 | <0.00050 | - | 370 mg/L |
| Toluene | <0.00050 | 0.00222 | <0.00050 | - | 2 mg/L |
| Ethylbenzene | <0.00050 | <0.00050 | <0.00050 | - | 90 mg/L |
| Xylene | 0.00260 | 0.0140 | <0.00050 | - | No guidelines provided in permit |
| F1 (C6-C10) | <0.1 | <0.1 | <0.1 | - | No guidelines provided in permit |
| F2 (>C10-C16) | 5.6 | 1.3 | 0.07 | - | No guidelines provided in permit |
| F3 (C16-C34) | INS | 1.6 | 0.18 | - | INS – Insufficient samples |
| F4 (C34-C50) | INS | <0.05 | <0.05 | - | INS- Insufficient samples |
| Total Petroleum Hydrocarbons | INS | - | - | - | Not done (insufficient samples) |
| Poly Aromatic Hydrocarbons | INS | <0.00001 | <0.00001 | - | Not done (insufficient samples) |
| Total Phenols (4AAP) | 0.052 | 0.026 | 0.010 | - | No guidelines provided in permit |
| Conductivity (EC) | NT | 2990 | 4390 | 1280 | Not tested |
| Total Hardness (as CaCO ₃) | NT | 1360 | 1970 | 490 | Not tested |
| Nitrate-Nitrite | NT | 45.5 | 13.3 | <0.1 | Not tested |
| Calcium | NT | 294 | 623 | 104 | Not tested |
| Potassium | NT | 40.5 | 32 | 14.2 | Not tested |
| Magnesium | NT | 151 | 99.6 | 55.9 | Not tested |
| Sodium | NT | 136 | 129 | 80 | Not tested |
| Sulphate | NT | 925 | 476 | 253 | Not tested |
| Total Alkalinity (as CaCO ₃) | NT | 114 | 88 | 172 | Not tested |
| Total Arsenic | 0.313 | 0.188 | 0.236 | 0.301 | Not tested |
| Total Cadmium | 0.0003 | <0.0002 | 0.0003 | <0.0002 | No guidelines provided in permit |
| Total Chromium | 0.0059 | 0.0091 | 0.0623 | 0.0192 | No guidelines provided in permit |
| Total Copper | 0.022 | 0.010 | 0.014 | 0.011 | No guidelines provided in permit |
| Total Nickel | 0.164 | 0.583 | 0.828 | 0.0805 | No guidelines provided in permit |
| Total Lead | 0.0401 | 0.0042 | 0.0044 | 0.0020 | 1 mg/L |
| Total Iron | 1.60 | 0.777 | 6.56 | 3.23 | No guidelines provided in permit |
| Total Mercury | NT | NT | NT | NT | Not tested |

2. CAMP WATER USAGE – BOS-1

During the month of July 2008, Boston Camp was in operation for the whole month. Water abstraction pump is located at Spyder Lake (BOS-1). Table 5 provides the water volume usage as required under Part J, Item 6 of the water licenses (2BB-BOS0712). Camp water consumption was within compliance limits.

Table 5: Water usage in cubic meters (m³) for Boston Camp (BOS-1), July 2008

| Parameters | BOS-1 | 2BB-BOS0712 |
|------------------------|-----------------|------------------------------|
| Water Source | Spyder Lake | Compliance Values |
| Monthly Cumulative | 141 | 3,100 m ³ monthly |
| Volume Average (Daily) | 4.5 | 100 m ³ daily |
| Median | 4 | 100 m ³ daily |
| Maximum | 20 ¹ | 100 m ³ daily |
| Minimum | 1 | 100 m ³ daily |

3. DRILLING ACTIVITIES WATER USAGE

Two drill rigs were operating at Boston during the month. Drilling water was drawn from Spyder Lake. Table 6 provides the recorded water volume (in cumes) as required under Part J, Item 6 for the Boston water license number 2BB-BOS0712. Water drawn for drilling purpose was in compliance with the permit requirements.

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

| Parameters | Rig 1480 | Rig 1483 | 2BB-BOS0712 |
|----------------------|-------------|-------------|------------------------------|
| Water Source | Spyder Lake | Spyder Lake | Compliance Values |
| Drilling Days | 21 | 14 | - |
| Monthly Cumulative | 108.85 | 70.02 | 3,100 m ³ monthly |
| Vol. Average (Daily) | 5.18 | 5.12 | 100 m ³ daily |
| Median | 5.33 | 4.73 | 100 m ³ daily |
| Maximum | 6.73 | 7.72 | 100 m ³ daily |
| Minimum | 1.32 | 3.41 | 100 m ³ daily |

4. HAZARDOUS WASTE MANAGEMENT

No hazardous waste materials were flown offsite during the month.

5. ENVIRONMENTAL INCIDENTS

There were three environmental incident reported in July 2008. The severity of the incidences at tabulated in Table 7.

Table 7: Number of and severity ratings for all environmental reported incidents for July 2008

| Water Use Permit | Spill Category | | | | | | | Site | Month |
|------------------------------|-------------------|-----------|-------------------------|-----------------|--------------------|-----------------|------------------------|-----------|---------|
| Boston Project (2BB-BOS0712) | Compliance Issues | Near Miss | Level 1 (Insignificant) | Level 2 (Minor) | Level 3 (Moderate) | Level 4 (Major) | Level 5 (Catastrophic) | Sub Total | July 08 |
| Boston Camp | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| External Reportable | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| Grand Totals (All Levels) | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |

Note: External Reportable Incidences detailed in this report:

1. July 14 2008 - Elevated concentrations of BOD & TSS and increase number of coliforms and *E. coli* at BOS-3; and presence of total coliforms at sampling stations, BOS-1 and BOS-4.
2. July 21 2008 - Elevated concentrations of BOD & TSS and increase number of coliforms and *E. coli* at BOS-3; and increase presence of total coliforms at sampling station, BOS-1; and increase contraction of oil and grease at BOS-3.

¹ On July 22 2008, the water holding was flushed out and refilled.

3. July 28 2008 - Elevated concentrations of BOD & TSS and significant increase in number of coliforms and *E. coli* at BOS-3; and increase number of total coliforms at sampling stations, BOS-1 and BOS-4. Presence of *E. coli* in water samples from BOS-1 and BOS-4.

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

Yours sincerely,

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