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October 18, 2010
Technical Advisor – Mining
Nunavut Water Board
P.O. Box 119
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Re: August 2010 – Monthly Monitoring Report for Water License 2BE-HOP0712 under Part J – Items 2 – 8.

Following is the monthly report for August 2010 as required under Water license 2BE-HOP0712. Note that Windy Camp closed for operation in 2008. Drilling water consumption will be reported under Part J: Item 6 of this report.

# 1. <u>PART J: ITEM 2</u>

During the month of August 2010, no water quality sampling was done at SNP stations HOP-2 and HOP-3 located at Windy Lake. Windy Camp was closed for operations October 23, 2008 and the WWTF is not operational.

# 2. **PART J: ITEM 3**

No sampling was conducted for Non-acute Toxicity at HOP-3 during the month of August as the WWTF facility was not operational and there is no effluent available for sampling at the point of entry into Windy Lake.

### 3. PART J: ITEM 4

No samples were collected from HOP-5 (Bulk Fuel Storage – Windy Camp) in August. The dewatering at this location was conducted using data from samples collected July 05/10 and found to be compliant for discharge for all parameters. The effluent at HOP-5 was directed through an oil/water separator at the rate of approximately 12 liters/min., prior to being discharged to the tundra. The discharge location on the tundra was an area approximately 30 m southeast of the containment area and more than 50m away from Windy Lake. Approximately 57,000 liters of water was discharged during August. Analytical results from the July 05/10 sampling were provided in the July SNP report.

No samples were taken from monitoring station HOP-6 (Bulk Fuel Storage Facility – Patch Lake) in August as water accumulation in this facility was minimal.

# 4. <u>Part J: item 5</u>

No samples were collected under Part F: Item 7 - Drilling through Lake Ice in August as the winter drilling program is complete and post-drilling under ice water quality samples were collected and reported on in May.

### 5. **PART J: ITEM 6**

Water for domestic use was not utilized from Windy Lake during August as the camp at Windy Lake is closed. Drilling was conducted pertaining to regional exploration licence 2BE-HOP0712 and drill water usage numbers and water sources are detailed in Table 2.

Table 2. Drill Water Usage in cubic meters (m³), August 2010

Parameters	ORB 21	ORB 22	ORB23	GEO 2	GEO 3	Total Usage m <sup>3</sup>	2BE-HOP0712
Water Source	Doris Lake	Wolverine Lake	Patch Lake	Doris Lake	Doris Lake	All Water Sources	Compliance Values
Geographical Coordinates	On file	On file	On file	On file	On file		Part J: Item 9
Drilling days	11	25	7	24	20		Part J: Item 6
Monthly Cumulative	73	136	41	100**	144	494.0	2,480 m <sup>3</sup> monthly
Volume Average (Daily)	6.63	5.44	5.85	4.2**	7.2	5.86	80* m³ daily
Maximum	9.2	11.4	10.3	8.6**	22.5	-	80 m <sup>3</sup> daily
Minimum	0	0	0	0**	0	-	80 m <sup>3</sup> daily

<sup>\*\*</sup> The water meter at Geo 2 was recording errors for the first 6 days of the month. For estimating purposes, a daily average was used for these 6 days.

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

No treated effluent was discharged from the WWTF at monitoring station HOP-2 due to the closure of Windy Lake Camp, and no volumes were measurable at HOP-3. The Landfarm no longer exists at HOP-4, and no volumes were pumped at HOP-6 Patch Lake Bulk Fuel Storage during the month. As reported in the September 2009 monthly SNP report, effluent in the Instant berms was transferred to containment tanks and drums for removal and further treatment.

## 7. part J: Item 8

No sludge was removed from the WWTF during the month of August as the facility is not operational.

### **INCIDENT REPORTING**

There were no incidents which occurred during the month pertaining to this licence; and no occurrences of spontaneous water flow from drills were recorded.

Should there be any questions regarding the monthly report for August 2010, please contact Chris Hanks, Director, Environment and Social Responsibility, Hope Bay Mining Limited on phone number: 720-917-4489 or email: <a href="mailto:Chris.Hanks@Newmont.com">Chris.Hanks@Newmont.com</a>

Yours sincerely,

#### Chris Hanks

Director, Environment and Social Responsibility Hope Bay Mining Limited