

August 9, 2010

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

**Re: June 2010 – Monthly Monitoring Report for Water License 2BE-HOP0712 under Part J – Items 2 – 8.**

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Following is the monthly report for June 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. PART J: ITEM 2**

During the month of June 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 June 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**

Samples were collected from HOP-5 (Bulk Fuel Storage – Windy Camp) June 24/10 and found to be compliant for discharge for all parameters with the exception of lead. No discharge occurred from this facility in June, although some water was transferred to a temporary containment adjacent to the HOP-5 berm pending treatment and/or discharge. The effluent at HOP-5 will continue to be treated through the oil/water separator until it is compliant on all parameters. Analytical results from the June 24/10 sampling are provided in Table 1.

Table 1. Results of Monitoring Program Station Sampling for HOP-5, Windy Camp Bulk Fuel Storage in mg/L

Parameters	HOP-5	Hope Bay: 2BE-HOP0712
Water Source	Bulk Fuel Storage Windy Camp	Monitoring Program Station Description
ALS Lab Reference #	L899502-1	Compliance Values
Field Sample Details	HOP-5	Part D: Item 17
Sample Date/Time	June 24, 2010 @ 1330 hrs	Part J: Item 4
Oil & Grease	1.2	15 mg/L or 30 mg/L
Oil and Grease (No Visible Sheen)	nvs	No visible sheen (nvs)
Benzene	<0.00050	0.37 mg/L
Toluene	0.00193	0.002 mg/L
Ethylbenzene	<0.00050	0.09 mg/L
Lead	<b>0.00292</b>	0.001 mg/L

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

#### 4. PART J: ITEM 5

No samples were collected under Part F: Item 7 - Drilling through Lake Ice in June 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 June 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 (m<sup>3</sup>), June 2010

Parameters	ORB 21	ORB 22	ORB23	ORB24	GEO 2	GEO 3	Total Usage m <sup>3</sup>	2BE-HOP0712
Water Source	Doris Lake	Doris Lake/ Patch Lake	Doris Lake/ Patch Lake	Doris Lake	Patch Lake/ Wolverine Lake	Doris Lake/ Patch Lake	All Water Sources	Compliance Values
Geographical Coordinates	On file	On file	On file	On file	On file	On file		Part J: Item 9
Drilling days	30	30	26	12	30	30		Part J: Item 6
Monthly Cumulative	31*	214.2*	182.4	121.7	79.1	180.9	815.6	2,480 m <sup>3</sup> monthly
Volume Average (Daily)	1.03	6.91	5.88	10.4	2.64	5.84	32.7	80* m <sup>3</sup> daily
Maximum	3	16.36	18.94	19	6.18	17	-	80 m <sup>3</sup> daily
Minimum	0.23	2.13	0.8	3.1	0.01	0.7	-	80 m <sup>3</sup> daily

\* Orbit Rig 21 and 22 were operating in tandem off the same water intake line resulting in higher than normal consumption on Rig 22 and lower on Rig 21 – the true water usage value should be an average of the amounts recorded shared between both drills

#### 6. PART J: ITEM 7

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-5 Windy Camp Bulk Fuel Storage or 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. All wastes were removed from this berm during an ongoing site cleanup in March – April 2010.

#### 7. PART J: ITEM 8

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

### INCIDENT REPORTING

No incidents 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 June 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](mailto:Chris.Hanks@Newmont.com)

Yours sincerely,

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On behalf of:

**Chris Hanks**

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