

April 23, 2009

Technical Advisor – Mining
Nunavut Water Board
P.O. Box 119
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Re: March 2009 –Monthly Monitoring Report for Water License 2BE-HOP0712 under Part J – Items 2 – 8.

Following is the monthly report for March 2009 as required under Water license 2BE-HOP0712. Note that Windy Camp has been closed for operation at the beginning of the exploration program in 2009; drilling support will be provided out of Doris Camp. Drilling water consumption will be reported under Part J: Item 5 of this report.

Part J: item 2

During the month of March 2009, no water quality sampling was done at SNP stations located at Windy Lake. The Windy Camp was closed for operation as of October 23, 2008. The water quality sampling will resume when the camp reopens in 2009.

Part J: Item 3

No sampling was conducted during the month of March.

1. PART J: ITEM 4

No water removal from HOP-5 (Bulk Fuel Storage – Windy Camp) and HOP-6 (Bulk Fuel Storage – Patch Lake) occurred during the period. Water in these facilities is frozen.

2. PART J: ITEM 5

Water quality sampling under Part F: Item 7 - Drilling through Lake Ice was undertaken on Doris Lake January 20, 2009 (erroneously reported in February monthly report as being taken *February 20, 2009*) and March 30, 2009. Analytical data for the January 20, 2009 sampling is reported in Table 1. Results for sampling March 30, 2009 Doris Lake are not yet available to include in this report. They will be included in the April SNP Report. Sampling also took place March 24/09 and March 29/09 in Patch Lake. These results will be available for reporting in April.

Table 1. Representative Water Samples Below Ice – Doris Lake, January 2009 (values in mg/L with the exception of pH and EC)

Parameters							2BE-HOP0712
Water Source	Doris Lake	Doris Lake	Doris Lake	Doris Lake	Doris Lake	Doris Lake	Compliance Values ¹
Field Sample Details	Doris # 1	Doris # 2	Doris # 3	Doris # 4	Doris # 5	Doris # 6	Part F: Item 7
Geographical Coordinates	68° 7.913'N 106° 35.753'W	68° 7.949'N 106° 35.707'W	68° 7.982'N 106° 35.699'W	68° 7.714'N 106° 35.518'W	68° 7.467'N 106° 35.430'W	68° 6.924'N 106° 35.263'W	
ALS Lab Reference #	L727219-1	L727219-2	L727219-3	L727219-4	L727219-5	L727219-6	
TSS	<3	<3	4	<3	<3	<3	*
pH	7.2	7.2	7.2	7.3	7.3	7.3	No Guidelines
Electrical Conductivity	335	343	331	333	330	331	No Guidelines
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	No Guidelines
Iron	0.036	0.061	0.023	0.022	0.026	0.026	No Guidelines
Manganese	0.002	0.003	0.001	0.001	0.001	0.001	No Guidelines
Aluminium	<0.02	0.04	0.03	0.02	0.03	<0.02	No Guidelines
Arsenic	0.0006	0.0009	0.0007	0.0007	0.0008	0.0005	No Guidelines
Barium	0.0038	0.0047	0.0041	0.0034	0.0034	0.0037	No Guidelines
Beryllium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	No Guidelines
Bismuth	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	No Guidelines
Cadmium	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	No Guidelines
Cobalt	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	No Guidelines
Chromium	0.0009	0.0017	0.0011	<0.0008	<0.0008	<0.0008	No Guidelines
Copper	0.002	0.017	0.003	0.003	0.003	0.002	No Guidelines
Lithium	-	-	-	-	-	-	<i>Not Reported</i> ²
Molybdenum	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002	No Guidelines
Nickel	0.0008	0.0021	0.0009	0.0009	0.0017	0.0008	No Guidelines
Lead	0.0003	0.0032	0.0002	0.0002	0.0002	0.0004	No Guidelines
Antimony	<0.0004	0.0005	<0.0004	<0.0004	<0.0004	<0.0004	No Guidelines
Selenium	0.0009	0.0010	0.0009	0.0009	0.0006	0.0009	No Guidelines
Tin	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	No Guidelines
Strontium	0.0742	0.0471	0.0483	0.0477	0.0480	0.0460	No Guidelines
Titanium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	No Guidelines
Thallium	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	No Guidelines
Uranium	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	No Guidelines
Vanadium	0.0005	0.0008	0.0008	0.0008	0.0009	0.0003	No Guidelines
Zinc	0.906	0.048	0.100	0.082	0.031	0.030	No Guidelines

* Return water must be non-toxic, and not result in an increase in TSS in the immediate receiving waters above CCME Guidelines for the Protection of Freshwater Life (ie: 10mg/L for lakes with background levels under 100mg/L, or 10% for those above 10mg/L)

¹ Bold values exceed CMME Water Quality Guidelines for the Protection of Aquatic Life

² This has been corrected with the lab and they will now process samples to include lithium analysis

3. **PART J: ITEM 6**

Water usage was within the volumes allocated in Licence 2BE-HOP0712. Water for domestic use was extracted by truck from Windy Lake and utilized at Doris Camp due to drinking water quality (algae bloom) issues in Doris Lake. The geographical co-ordinates of the Windy Lake extraction point are: N 68° 03.681' W 106° 37.293'. Table 2 provides the details of Windy Lake domestic use and drill water usage for Doris Lake and Patch Lakes.

Table 2. Drill Water Usage in cubic meters (m³), March 2009

Parameters	Doris Camp Use	GEO2	GEO1	ORB21	ORB22	ORB23	Total Usage m ³	2BE-HOP0712
Water Source	Windy Lake	Doris Lake/Patch Lake	Doris Lake/Patch Lake	Doris Lake	Patch Lake	Doris Lake	All Water Sources	Compliance Values
Monthly Cumulative	558	254.34	271.2	15.09	177.85	198.8	1475.28	3,100 m ³ monthly
Volume Average (Daily)	21	9.2	8.7	7.55	6.4	6.9	59.35	100 m ³ daily
Median	22	7.6	7.9	7.55	6.3	7.3	-	100 m ³ daily
Maximum	32	32	25.9	10.7	12.3	15.6	-	100 m ³ daily
Minimum	16	1.0	1.0	4.39	0.1	2.3	-	100 m ³ daily

*Drill rigs GEO1 and GEO2 moved from Doris Lake to Patch Lake during March.
Drill rig ORB21 moved to Boston March 4/09.*

4. **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. No water quality sampling at SNP HOP-3 during the month as the sampling location is frozen. Treated effluent was not discharged from monitoring stations HOP-4, HOP-5 or HOP-6 during the month of March.

5. **PART J: ITEM 8**

The Clementine Unit is shut off for the year. No sludge was removed during the month of March.

6. **INCIDENT REPORTING**

Two incidents were recorded pertaining to the licence during the period.

1. March 6, 2009 - Level 1 (Insignificant) Approximately one litre of antifreeze spilled from the overflow radiator hose on the Marook 1500 during transport operations on the overland ice road route between Doris Camp and Boston Camp. The impacted area was cleaned up and the machinery repaired. No follow-up is required.
2. March 11, 2009 – Level 1 (Insignificant) Drill cuttings at Geotech Rig # 2 on Patch Lake spilled drill cuttings on to the ice. The cutting were cleaned up and removed for disposal to trench # 2 at Naartok West. Cuttings capture trays were installed at all rigs to prevent further recurrences.

Should there be any questions regarding the monthly report for March 2009, 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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