

May 27, 2009

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

**Re: April 2009 –Monthly Monitoring Report for Water License 2BE-HOP0712 under Part J –
Items 2 – 8.**

Following is the monthly report for April 2009 as required under Water license 2BE-HOP0712. Windy Camp closed for operation in 2008. For the exploration program in 2009, domestic drilling support will be provided out of Doris Camp. Drilling water consumption and the deposition of waste will be reported under Part J: Item 5 of this report.

Part J: Item 2

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

Part J: Item 3

No sampling was conducted during the month of April.

1. PART J: ITEM 4

No water was removed from HOP-5 (Bulk Fuel Storage – Windy Camp) and HOP-6 (Bulk Fuel Storage – Patch Lake) during this reporting period. Water in these facilities is frozen.

2. PART J: ITEM 5

Water quality samples under Part F: Item 7 - Drilling through Lake Ice were collected from Patch Lake on March 24 and 29, 2009 and for a second time on Doris Lake on March 31, 2009. Results were not available for reporting until April. Analytical data is reported in Tables 1 and 2.

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

Parameters								2BE-HOP0712
Date	Mar 24/09	Mar 24/09	Mar 24/09	Mar 24/09	Mar 24/09	Mar 29/09	Mar 29/09	
Water Source	Patch Lake	Patch Lake	Patch Lake	Patch Lake	Patch Lake	Patch Lake	Patch Lake	Compliance Values ^{1,2}
Field Sample Details	Patch Lake #1	Patch Lake #2	Patch Lake #3	Patch Lake #4	Patch Lake #5	Patch Lake #6	Patch Lake #7	Part F: Item 6 and 7 Part J: Item 5
Geographical Coordinates	68° 03.775' N 106° 33.994' W	68° 03.235' N 106° 33.626' W	68° 02.977' N 106° 33.532' W	68° 02.888' N 106° 33.499' W	68° 02.366' N 106° 32.994' W	68° 01.964' N 106° 32.773' W	68° 01.807' N 106° 32.717' W	
ALS Lab Reference #	L745995-1	L745995-2	L745995-3	L745995-4	L745995-5	L747348-6	L747348-7	
TSS	<3	<3	<3	<3	<3	<3	<3	*
pH	7.4	7.5	7.35	7.5	7.6	7.61	7.64	No Guidelines
Electrical Conductivity	585	549	531	529	499	492	497	No Guidelines
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	No Guidelines
Iron	0.052	0.048	0.050	0.031	0.043	0.0364	0.0340	No Guidelines
Manganese	0.006	0.005	0.006	0.002	0.003	0.0024	0.0024	No Guidelines
Aluminium	0.04	0.05	0.06	0.07	0.08	0.079	0.079	No Guidelines
Arsenic	0.0008	0.0008	0.0009	0.0009	0.0009	0.00064	0.00065	No Guidelines
Barium	0.0077	0.0063	0.0065	0.0061	0.0061	0.0057	0.0057	No Guidelines
Beryllium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0010	<0.0010	No Guidelines
Cadmium	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	No Guidelines
Cobalt	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0020	<0.0020	No Guidelines
Chromium	0.0015	0.0019	0.0027	0.0039	0.0035	<0.0050	<0.0050	No Guidelines
Copper	0.002	0.002	0.002	0.002	0.002	0.0019	0.0023	No Guidelines
Lithium	0.0102	0.0091	0.0097	0.0093	0.0085	<0.010	<0.010	No Guidelines
Molybdenum	0.0002	0.0002	0.0002	0.0002	0.0003	<0.0050	<0.0050	No Guidelines
Nickel	0.0011	0.0010	0.0012	0.0010	0.0010	<0.0020	<0.0020	No Guidelines
Lead	<0.0001	<0.0001	<0.0001	0.0002	0.0001	<0.00010	0.00016	No Guidelines
Antimony	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.00040	<0.00040	No Guidelines
Selenium	0.0009	0.0008	0.0010	0.0010	0.0008	0.00157	0.00141	No Guidelines
Tin	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.050	<0.050	No Guidelines
Titanium	<0.005	<0.005	<0.005	<0.005	<0.005	0.0014	0.0010	No Guidelines
Thallium	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00010	<0.00010	No Guidelines
Uranium	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00010	<0.00010	No Guidelines
Vanadium	0.0003	0.0006	0.0008	0.0009	0.0010	<0.0010	<0.0010	No Guidelines
Zinc	<0.004	<0.004	<0.004	<0.004	<0.004	<0.0040	0.0920	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 Italic Values indicate parameters that are at but do not exceed the CMME Water Quality Guidelines for the Protection of Aquatic Life

Table 2. Representative Water Samples Below Ice – Doris Lake, March 2009 (values in mg/L with the exception of pH and EC)

Parameters							2BE-HOP0712
Date	Mar 31/09	Mar 31/09	Mar 31/09	Mar 31/09	Mar 31/09	Mar 31/09	
Water Source	Doris Lake	Doris Lake	Doris Lake	Doris Lake	Doris Lake	Doris Lake	Compliance Values ³
Field Sample Details	Doris # 1A	Doris # 2A	Doris # 3A	Doris # 4A	Doris # 5A	Doris # 6A	Part F: Item 7
Geographical Coordinates	68° 07.941' N 106° 35.605' W	68° 7.720' N 106° 35.973' W	68° 7.411' N 106° 35.631' W	68° 7.219' N 106° 35.474' W	68° 7.848' N 106° 35.188' W	68° 6.082' N 106° 34.655' W	
ALS Lab Reference #	L748353-1	L748353-2	L748353-3	L748353-4	L748353-5	L748353-6	
TSS	<3	<3	3.5	<3	<3	<3	*
pH	7.38	7.37	7.38	7.38	7.39	7.31	No Guidelines
Electrical Conductivity	338	342	348	335	349	355	No Guidelines
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	No Guidelines
Iron	0.0258	0.0181	0.0278	0.0190	0.0223	0.0196	No Guidelines
Manganese	0.0020	0.0018	0.0026	0.0018	0.0017	0.0020	No Guidelines
Aluminium	0.015	0.011	0.015	<0.010	0.014	0.037	No Guidelines
Arsenic	0.00045	0.00051	0.00044	0.00046	0.00044	0.00049	No Guidelines
Barium	0.0031	0.0031	0.0031	0.0030	0.0035	0.0033	No Guidelines
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	No Guidelines
Cadmium	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	No Guidelines
Cobalt	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	No Guidelines
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	No Guidelines
Copper	0.0023	0.0019	0.0019	0.0019	0.0019	0.0019	No Guidelines
Lithium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	No Guidelines
Molybdenum	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	No Guidelines
Nickel	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	No Guidelines
Lead	0.00014	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	No Guidelines
Antimony	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	No Guidelines
Selenium	0.00063	0.00058	0.00069	0.00068	0.00086	0.00069	No Guidelines
Tin	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	No Guidelines
Titanium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	No Guidelines
Thallium	0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	No Guidelines
Uranium	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	No Guidelines
Vanadium	0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	No Guidelines
Zinc	0.0048	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	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)

³ Bold values exceed CMME Water Quality Guidelines for the Protection of Aquatic Life

These results were compared with baseline water quality data from previous years that indicated background levels of some naturally-occurring trace metals, particularly iron and copper, were often found to be elevated above CCME-CWQ Guidelines for lakes in the Hope Bay project area. Occasionally, selenium was also detected at elevated levels.

3. **PART J: ITEM 6**

Water for domestic use at the Doris Camp was pumped from Windy Lake during this reporting period and trucked to that facility due to drinking water quality (algae bloom) issues in Doris Lake. The geographical coordinates of the Windy Lake extraction point are: N 68° 03.681' W 106° 37.293'. Table 3 provides the details of Windy Lake domestic use and drill water usage for Doris Lake and Patch Lakes. Water volumes extracted from Windy Lake for domestic use at Doris Camp reported against the Hope Bay Water Licence are in accordance with the May 4, 2009 Amendment 2 of the 2BE-HOP0712 licence. Use of Windy Water was allowed prior to the amendment by the NWB because of the public health issues involved and was subsequently formalized by Amendment 2.

Table 3. Domestic and Drill Water Usage in cubic meters (m³), April 2009

Parameters	Doris Camp Use	GEO1	GEO2	GEO3	ORB21	ORB22	ORB23	ORB24	Total Usage m ³	2BE-HOP0712
Water Source	Windy Lake	Patch Lake	Patch Lake	Doris Lake	Patch Lake	Patch Lake	Doris Lake	Patch Lake	All Water Sources	Compliance Values
Geographical Coordinates	On file	On file	On file	On file	On file	On file	On file	On file		Part J: Item 9
Drilling days		30	19	30	30	30	30	2		
Monthly Cumulative	620	101.9	3.36	20.53	181	148	313	14	1404.79	3,100 m ³ monthly
Volume Average (Daily)	20.6	3.39	0.22	0.7	5.8	4.8	10.1	0.44	46.05	100 m ³ daily
Maximum	32	11.4	0.5	2.1	11.7	15	23.1	7.2	-	100 m ³ daily
Minimum	16	0.18	0.1	0.1	2.4	0.6	3.1	6.7	-	100 m ³ daily

Domestic water usage exceeded the licence requirement for daily usage for several days in April but did not exceed the monthly daily average values. This was explained in detail in a letter to the NWB dated May 14, 2009. Drill water usage volumes were in compliance for the month.

4. **PART J: ITEM 7**

No treated effluent was discharged from the Sewage Treatment Plant (STP) at monitoring station HOP-2 due to the closure of Windy Lake Camp. No water quality sampling at SNP HOP-3 was completed 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 STP is shut down for the year. No sludge was removed during the month of March.

6. **INCIDENT REPORTING**

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

1. April 2, 2009 – Level 2 (Minor) Geotech drill # 1 on Patch Lake lost approx 22L of hydraulic fluid due to a broken line. Repairs were made and hydrocarbon contaminated snow and ice from the lake surface was scraped up, contained and properly stored.
2. April 7, 2009 – Level 3 (Moderate) Orbit Drill # 23 Hole # 09TDD663 Doris Lake. A fuel tank hose ball valve failure cause estimated 95L of diesel to leak on to the ice. The spill reporting hotline was

called by the Environmental Compliance Manager. All soiled material was cleaned-up and contained for treatment. Repairs were made to the fuel hose and mounting apparatus.

3. April 19, 2009 – Level 2 (Minor) Geotech Rig # 1. During a transfer of waste oil from Geotech Rig #1 on Patch Lake, the pumping process overflowed approx 35 L onto the ice at Lake. The operator overestimated the tank capacity and left the process unattended temporarily. The soiled ice and snow were cleaned-up and removed for disposal.

Should there be any questions regarding the monthly report for April 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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