

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 2AM-DOH0713

Following is the monthly report for April 2009 as required under Doris Water License 2AM-DOH0713 Type “A”. The license was issued on September 19, 2007 and will expire on September 30, 2013. The water license is specific for Mining and Milling and associated uses. The quantity of water usages shall not exceed 480,000 cubic meters annually.

This monthly report provides information on Part E (Conditions applying to Water Use) Item 1, Part G (Conditions applying to Waste Management and Waste Management Plans) Item 3, and Part H (Conditions applying to modifications).

Other conditions stipulated in license refer specially to mining and milling processes. These facilities have not been constructed at this time, due to the deferral of the Doris North Project by Hope Bay Mining Ltd. (HBML) and therefore, no monitoring has taken place to comply with conditions. The Nunavut Water Board (NWB) was notified of this deferral on September 11, 2008 and is after ongoing discussions, at this time considering a letter from HBML dated April 21, 2009 outlining the clauses that can not be complied with due to the deferral of the Doris North Project.

1. Part E: Item 1.

a. DORIS CAMP WATER USAGE – SNP STATION ST-7

During the month of April 2009, Doris Camp was in operation for the entire month. Potable water for domestic camp use was trucked to Doris Camp holding tanks from Windy Lake for the entire month due to water quality (algae bloom) issues in Doris Lake. Water volumes extracted from Windy Lake for domestic use at Doris Camp have been reported against the Hope Bay Water Licence 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.

b. WATER SAMPLING MONITORING PROGRAM

Monthly compliance samples were not taken from station ST-7 as the water at this station is not representative of “*freshwater pumped from Doris Lake*” as stipulated in the 2AM-DOH0713 water licence. The water in the domestic system at this location is from Windy Lake.

During the month of April 2009, water samples were collected three times at monitoring station ST-8. SNP monitoring station ST-9 was not sampled as HBML is still working with INAC to agree on the appropriate alternative location as the current location does not hydrologically connect with the location of ST-8 as described in the water licence. A survey of the area revealed very limited drainage pathways to collect sufficient effluent samples to comply with requirements stipulated under Part G: Item 3. This issue needs to be resolved in order to monitor compliance with the licence.

Sampling point ST-8 is located within the Doris Camp Sewage Treatment Plant, which is located directly east of the main building complex. Effluent samples were collected from a tap on the discharge line to the tundra at a location installed after the addition of a UV disinfection system (ST-8A).

Results

All data reported for April at SNP ST-8A are within the regulatory compliance values for all parameters. Table 1 provides sampling data as per Water Use Permit 2AM-DOH0713.

Table 1: Water Quality Data Summary for Monitoring Station ST-8, April 2009

Parameter/SNP Sites	ST-8A	ST-9 ¹	Doris: 2AM-DOH0713
ALS Lab Reference #	L749568-1		Maximum Average Concentration (mg/L)
Field Sample Details	ST-8A	ST-9	Part G: Item 3
Sample Date/Time	April 6, 2009	-	(b)
BOD ₅	5.4	-	80 mg/L
TSS (mg/L)	3.0	-	100 mg/L
Fecal Coliform	<1	-	10,000 CFU/100mL
pH (pH unit)	7.83	-	Between 6-9
Oil & Grease (Visibility)	Nvs	-	NVS
Oil & Grease (mg/L)	<1	-	5
ALS Lab Reference #	L752600-2		Compliance Values
Field Sample Details	ST-8A	ST-9	Part G: Item 3
Sample Date/Time	April 15, 2009	-	(b)
BOD ₅	2.4	-	80 mg/L
TSS (mg/L)	<3.0	-	100 mg/L
Fecal Coliform	<1	-	10,000 CFU/100mL
pH (pH unit)	7.80	-	Between 6-9
Oil & Grease (Visibility)	Nvs	-	NVS
Oil & Grease (mg/L)	<1.0	-	5
ALS Lab Reference #	L753987-15		Compliance Values
Field Sample Details	ST-8A	ST-9	Part G: Item 3
Sample Date/Time	April 20, 2009	-	(b)
BOD ₅	2.4	-	80 mg/L
TSS (mg/L)	<3.0	-	100 mg/L
Fecal Coliform	<1	-	10,000 CFU/100mL
pH (pH unit)	7.79	-	Between 6-9
Oil & Grease (Visibility)	Nvs	-	NVS
Oil & Grease (mg/L)	<1.0	-	5

2. Part G: Conditions applying to Waste Management and Waste Management Plans (Item 3b)

a. Part G: Item 3e (Treated Sewage Effluent Release in cubic meters)

Table 2 shows cumulative treated effluent released from the Doris Membrane Plant at SNP ST-8.

Table 2: Treated Sewage Effluent release in cubic meters (m³) through Doris Membrane Plant (ST-8), April 2009

Parameters	Doris Membrane Plant ST-8
Water Source	Doris Lake/Windy Lake
Annual Cumulative	1856 m ³
Monthly Cumulative	543 m ³
Volume Average (Daily)	18 m ³
Median	18 m ³
Maximum	25 m ³
Minimum	13 m ³

¹ Sampling was not done due to misunderstanding of the exact location for drainage before entry into Glenn Lake. No suitable sampling site could be found.

During the month of April, sludge was pressed 19 times from the membrane plant resulting in the removal of approx. 2.15 m³ of sludge from the plant. Pressed dehydrated sludge was incinerated in the duel chamber Doris incinerator.

3. Environmental Incident Reporting

A total of 2 environmental incidents were reported during the month of April. A summary of these incidents is provided below:

1. April 2/09 – Level 1 (Insignificant) Roberts Bay Fueling Module. The main fuelling hose within the bermed area at the Roberts Bay module was dripping diesel residue on to the ground area after the fuel truck had been filled. A drip tray was placed under the nozzle, and further procedural corrective actions were implemented with the operator.
2. April 10/09 – Level 2 (Minor) Roberts Bay Fuel Module. The auto lock on the fuelling nozzle was stuck in the “on” position when the pump was activated to fuel a truck. Approximately 1.5 L of diesel spilled on the ground before the flow could be stopped. The contaminated snow was cleaned up and disposed. The auto lock has been removed from the nozzle.

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: 1-720-917-4489 or email: Chris.Hanks@Newmont.com

Yours sincerely,

Chris Hanks

Director, Environment and Social Responsibility
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