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April 20, 2013

Phyllis Beaulieu, Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Re: March 2013 – Monthly Monitoring Report for Water License 2BE-HOP1222

Part I Conditions Applying to Abandonment and Restoration

Progressive reclamation activities did not occur in this month. Activities will resume in Spring/Summer 2013.

Part J Items 2, 3, 4, 5, and 6: Sewage Treatment Effluent, Bulk Fuel Containments, and Quarries

Windy Camp has been closed for operations since October 23, 2008; therefore the licence requirements relating to the WWTF (HOP-2 and HOP-3) are not applicable. HOP-5 (Bulk Fuel Storage – Windy Camp) and HOP-6 (Bulk Fuel Storage Facility – Patch Lake) were dismantled in 2012. HOP-8 has not been constructed. Water quality sampling and management was not required at HOP-7A, B or D (quarries A, B and D) this month.

Part J Item 7: Under-Ice Drilling Samples

No under-ice samples were collected.

Part J Item 8: Water Use Volumes

42 m³ of water was extracted from Windy Lake on March 27th, 2013 for domestic use at Doris Camp. The Water Quality results from HOP-1 are presented in Table 1. No water was withdrawn for dust suppression or drilling uses this month. Geographical locations of water extraction are retained on file per Part J: Item 9 of the licence.

Table 1: Monthly Compliance Sample Results for SNP Monitoring Station HOP-1, March 2013

Parameter	Units	HOP1-20MAR13	HOP1-28MAR13
ALS ID		L1281174-2	L1283677-2
Sample Date/Time		3/20/2013 10:00:00 AM	3/28/2013 9:00:00 AM
Conductivity (EC)	uS/cm	574	571
Hardness (as CaCO ₃)	mg/L	92.6	86.6
pH	pH	7.73	7.84
Total Suspended Solids	mg/L	<3.0	<3.0
Ammonia, Total (as N)	mg/L	<0.050	<0.050
Nitrate and Nitrite (as N)	mg/L	<0.0060	-
Nitrate (as N)	mg/L	<0.0060	<0.050
Nitrite (as N)	mg/L	<0.0020	<0.050
Orthophosphate-Dissolved (as P)	mg/L	0.0048	<0.0010
Phosphorus (P)-Total	mg/L	0.0095	<0.020
Cyanide, Total	mg/L	<0.0050	<0.0050
Cyanide, Free	mg/L	<0.0050	<0.0050
Aluminum (Al)-Total	mg/L	<0.030	<0.015
Antimony (Sb)-Total	mg/L	<0.0010	<0.00050
Arsenic (As)-Total	mg/L	<0.0010	<0.00050

Parameter	Units	HOP1-20MAR13	HOP1-28MAR13
ALS ID		L1281174-2	L1283677-2
Sample Date/Time		3/20/2013 10:00:00 AM	3/28/2013 9:00:00 AM
Barium (Ba)-Total	mg/L	0.0035	0.0032
Beryllium (Be)-Total	mg/L	<0.0050	<0.0025
Boron (B)-Total	mg/L	<0.10	0.058
Cadmium (Cd)-Total	mg/L	<0.00010	<0.000050
Calcium (Ca)-Total	mg/L	16.1	15.2
Chromium (Cr)-Total	mg/L	<0.0010	0.0011
Cobalt (Co)-Total	mg/L	<0.0020	<0.0020
Copper (Cu)-Total	mg/L	0.0042	0.0015
Iron (Fe)-Total	mg/L	0.12	<0.050
Lead (Pb)-Total	mg/L	<0.00050	<0.00025
Lithium (Li)-Total	mg/L	<0.050	<0.025
Magnesium (Mg)-Total	mg/L	12.5	11.8
Manganese (Mn)-Total	mg/L	0.0028	<0.0020
Mercury (Hg)-Total	mg/L	<0.000020	-
Molybdenum (Mo)-Total	mg/L	<0.0050	<0.0050
Nickel (Ni)-Total	mg/L	<0.0020	<0.0020
Potassium (K)-Total	mg/L	5.51	4.88
Selenium (Se)-Total	mg/L	<0.0010	<0.00050
Silver (Ag)-Total	mg/L	<0.00010	<0.000050
Sodium (Na)-Total	mg/L	72.8	66.5
Thallium (Tl)-Total	mg/L	<0.00050	<0.00025
Tin (Sn)-Total	mg/L	<0.050	<0.050
Titanium (Ti)-Total	mg/L	<0.0030	<0.0015
Uranium (U)-Total	mg/L	0.00025	0.00021
Vanadium (V)-Total	mg/L	0.0032	<0.0010
Zinc (Zn)-Total	mg/L	<0.030	<0.015
Calcium (Ca)-Dissolved	mg/L	16.1	-
Magnesium (Mg)-Dissolved	mg/L	12.7	-
Oil and Grease	mg/L	<1.0	<1.0
BOD	Mg/L	<2	<2
Fecal Coliforms	CFU/100mL	_*	_**

* Due to limited sample size collected, this parameter was not analyzed

** Due to lab omission, this parameter was not analyzed

Incident Reporting

There were no incidents pertaining to the license during the period.

Should there be any questions regarding this monthly report, please contact Katsky Venter, ESR Site Manager for TMAC Resources Inc. at (604) 358-7325 or Katsky.Venter@Newmont.com.

Yours sincerely,

Katsky Venter

Environmental and Social Responsibility Site Manager