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July 29, 2013

Phyllis Beaulieu,  
Manager of Licensing  
Nunavut Water Board  
P.O. Box 119  
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**Re: June 2013 – Monthly Monitoring Report for Water Licence 2BE-HOP1222**

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**Part I Conditions Applying to Abandonment and Restoration**

The last couple of kilometers of the Windy Road were surfaced at the end of May and into early June to allow easier transit to the site for water hauling and reclamation activities. In June, seven Weatherhaven tents were removed from Windy Camp and were brought to Roberts Bay for dismantling. Reclamation activities are ongoing.

**Part J Items 2, 3, 4, 5, 6, 10: 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) as no water was observed at these sites.

**Part J Item 7: Under-Ice Drilling Samples**

Due to the spring melting conditions, no on-ice drilling occurred. As a result, no under-ice samples were required.

**Part J Item 8: Water Use Volumes**

In June, 402 m<sup>3</sup> of water was extracted from Windy Lake for use at Doris Camp and for dust suppression (Table 1). Water was also used for drilling (Table 2). Geographical locations of water extraction for drilling are retained on file per Part J Item 12 of the licence.

The water quality results from HOP-1 are presented in Table 3.

Table 1: Daily water usage from Windy Lake, in cubic meters, June 2013

Date	Volume (m <sup>3</sup> )
June 10	14
June 13	28
June 14	42
June 16	70
June 19	56
June 23	56
June 27	56
June 30	66
<b>Monthly Total</b>	<b>402</b>
<b>Annual Cumulative</b>	<b>696</b>

Table 2: Daily drill water usage, in cubic meters, June 2013

Date	Volume (m³)
June 11	7.5
June 12	6.2
June 13	6.5
June 14	8.3
June 15	14.4
June 16	10.6
June 17	6.5
June 18	8.3
June 19	9.8
June 20	5.8
June 21	4.4
June 22	8.7
June 23	6.9
June 24	12.1
June 25	5.3
June 26	2.7
June 27	11.6
June 28	6.2
June 29	4.9
June 30	10.0
<b>Monthly Total</b>	<b>155.8</b>
<b>Annual Cumulative</b>	<b>155.8</b>

Table 3: HOP-1 Water Quality Sample Results, June 2013

Sample ID		HOP1-04JUN13
ALS ID		L1311314-10
Sample Date/Time		6/4/2013 9:06
Parameter	Units	Results
Conductivity (EC)	uS/cm	276
Hardness (as CaCO3)	mg/L	64.1
pH	pH	7.74
Total Suspended Solids	mg/L	<3.0
Ammonia, Total (as N)	mg/L	<0.050
Nitrate (as N)	mg/L	0.116
Nitrite (as N)	mg/L	<0.050
Orthophosphate-Dissolved (as P)	mg/L	<0.0010
Phosphorus (P)-Total	mg/L	0.02
Cyanide, Total	mg/L	<0.0050
Cyanide, Free	mg/L	<0.0050
Aluminum (Al)-Total	mg/L	0.157
Antimony (Sb)-Total	mg/L	<0.00040
Arsenic (As)-Total	mg/L	<0.00040
Barium (Ba)-Total	mg/L	0.0058
Beryllium (Be)-Total	mg/L	<0.0010
Boron (B)-Total	mg/L	<0.050
Cadmium (Cd)-Total	mg/L	<0.000010
Calcium (Ca)-Total	mg/L	16.8
Chromium (Cr)-Total	mg/L	<0.0010
Cobalt (Co)-Total	mg/L	<0.0020
Copper (Cu)-Total	mg/L	0.002
Iron (Fe)-Total	mg/L	0.188
Lead (Pb)-Total	mg/L	0.00039
Lithium (Li)-Total	mg/L	<0.010
Magnesium (Mg)-Total	mg/L	7.56
Manganese (Mn)-Total	mg/L	0.0119
Mercury (Hg)-Total	mg/L	<0.000020

<b>Sample ID</b>		<b>HOP1-04JUN13</b>
<b>ALS ID</b>		<b>L1311314-10</b>
<b>Sample Date/Time</b>		<b>6/4/2013 9:06</b>
<b>Parameter</b>	<b>Units</b>	<b>Results</b>
Molybdenum (Mo)-Total	mg/L	<0.0050
Nickel (Ni)-Total	mg/L	<0.0020
Potassium (K)-Total	mg/L	3.07
Selenium (Se)-Total	mg/L	<0.00040
Silver (Ag)-Total	mg/L	<0.000020
Sodium (Na)-Total	mg/L	31.9
Thallium (Tl)-Total	mg/L	<0.00010
Tin (Sn)-Total	mg/L	<0.050
Titanium (Ti)-Total	mg/L	0.0072
Uranium (U)-Total	mg/L	0.00011
Vanadium (V)-Total	mg/L	<0.0010
Zinc (Zn)-Total	mg/L	0.0076
Calcium (Ca)-Dissolved	mg/L	15
Magnesium (Mg)-Dissolved	mg/L	6.48
Oil and Grease	mg/L	<1.0
Oil And Grease (Visible Sheen)		No visible sheen

### Incident Reporting

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

Should there be any questions regarding this monthly report, please contact Katsky Venter or Lea-Marie Bowes-Lyon, ESR Site Managers for TMAC Resources Inc. at (867)-988-0568 or [Katsky.Venter@Newmont.com](mailto:Katsky.Venter@Newmont.com) or [Lea-Marie.Bowes-Lyon@Newmont.com](mailto:Lea-Marie.Bowes-Lyon@Newmont.com).

Yours sincerely,

**Léa-Marie Bowes-Lyon**

Environmental and Social Responsibility Site Manager

Hope Bay Project