

July 12, 2012

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

Re: June 2012 – Monthly Monitoring Report for Water License 2BE-HOP0712

Part I Conditions Applying to Abandonment and Restoration

HBML has completed removal of fuel piping from the camp. Core is being repalletized and removed from the historic tundra storage locations to a permanent location on the Quarry D overburden pad. The former landfarm area has been re-covered in coconut mat to help stabilize the soil and prevent surface erosion. As per the letter dated 5 July 2012 which was submitted to AANDC and the NWB, the tank farm berm (HOP-5) was dismantled and the area was covered with coconut mat at the end of June. General debris clean-up is ongoing and all wastes are being transferred to the Doris North waste management facility for packaging and proper disposal.

Part J Items 2, 3, 4, 7, and 8: Bulk Fuel Containments, Landfarm, Sewage Treatment Effluent

Windy Camp has been closed for operations since October 23, 2008; therefore the licence requirements relating to the WWTF are not applicable. The land farm at Windy Camp has been removed therefore sampling at HOP-4 is no longer applicable.

HOP-5 (Bulk Fuel Storage – Windy Camp) water samples were compliant with discharge criteria on 10 May 2012 (Table 1) and 95 m³ of water was discharged to the tundra without incident on 7 June 2012. Water samples were compliant with discharge criteria on 19 June 2012 (Table 1) and 39 m³ of water was discharged to the tundra without incident on 23 June 2012.

Table 1 – HOP-5 Compliance Sample Results, 10 May and 19 June 2012

Paramter	Units	HOP5-10MAY12	HOP5-19JUN12B	License # 2BE-HOP0712
ALS ID		L1146556-1	L1166032-1	Part D: Item 17
Date/Time Sampled		10-May-2012 @ 19:38	19-Jun-2012 @ 19:44	Max average or any grab
Benzene	mg/L	<0.00050	<0.00050	0.37
Ethylbenzene	mg/L	<0.00050	<0.00050	0.002
Toluene	mg/L	<0.00050	<0.00050	0.09
Lead (Pb)-Total	mg/L	0.0005	0.00064	0.001
Oil and Grease	mg/L	<1.0	<1.0	15.0
Oil And Grease (Visible Sheen)		no visible sheen	no visible sheen	no visible sheen
pH	pH	7.02	8.3	
TDS (Calculated)	mg/L	113	470	
Hardness (as CaCO ₃)	mg/L	44.6	-	
Alkalinity, Total (as CaCO ₃)	mg/L	36.8	153	
Bicarbonate (HCO ₃)	mg/L	44.9	186	
Carbonate (CO ₃)	mg/L	<5.0	<5.0	
Chloride (Cl)	mg/L	39.8	138	
Conductivity (EC)	uS/cm	265	887	
Hardness (as CaCO ₃)	mg/L	40.9	168	
Hydroxide (OH)	mg/L	<5.0	<5.0	

Paramter	Units	HOP5-10MAY12	HOP5-19JUN12B	License # 2BE-HOP0712
ALS ID		L1146556-1	L1166032-1	Part D: Item 17
Date/Time Sampled		10-May-2012 @ 19:38	19-Jun-2012 @ 19:44	Max average or any grab
Ion Balance	%	93	96.6	
Sulfate (SO ₄)	mg/L	10.2	58.4	
Nitrate and Nitrite (as N)	mg/L	<0.071	3.36	
Nitrate (as N)	mg/L	<0.050	3.36	
Nitrite (as N)	mg/L	<0.050	<0.050	
Aluminum (Al)-Total	mg/L	0.883	0.691	
Antimony (Sb)-Total	mg/L	0.00042	<0.00040	
Arsenic (As)-Total	mg/L	0.001	0.00286	
Barium (Ba)-Total	mg/L	0.0125	0.0242	
Beryllium (Be)-Total	mg/L	<0.0010	<0.0010	
Boron (B)-Total	mg/L	<0.050	<0.050	
Cadmium (Cd)-Total	mg/L	0.000021	0.00072	
Calcium (Ca)-Total	mg/L	9.39	35.4	
Chromium (Cr)-Total	mg/L	0.0019	<0.0050	
Cobalt (Co)-Total	mg/L	<0.0020	<0.0020	
Copper (Cu)-Total	mg/L	0.0051	0.0061	
Iron (Fe)-Total	mg/L	0.701	1.02	
Lithium (Li)-Total	mg/L	<0.010	<0.010	
Magnesium (Mg)-Total	mg/L	5.13	18.9	
Manganese (Mn)-Total	mg/L	0.286	0.0164	
Mercury (Hg)-Total	mg/L	<0.000020	<0.00010	
Molybdenum (Mo)-Total	mg/L	<0.0050	<0.0050	
Nickel (Ni)-Total	mg/L	<0.0020	0.0044	
Potassium (K)-Total	mg/L	3.99	5.23	
Selenium (Se)-Total	mg/L	<0.00040	<0.0020	
Silver (Ag)-Total	mg/L	<0.000020	<0.00010	
Sodium (Na)-Total	mg/L	24.3	99.3	
Thallium (Tl)-Total	mg/L	<0.00010	<0.00010	
Tin (Sn)-Total	mg/L	<0.050	<0.050	
Titanium (Ti)-Total	mg/L	0.0356	0.0141	
Uranium (U)-Total	mg/L	0.00019	0.00178	
Vanadium (V)-Total	mg/L	0.0018	0.0033	
Zinc (Zn)-Total	mg/L	0.0068	0.0311	
Calcium (Ca)-Dissolved	mg/L	9.02	37.2	
Magnesium (Mg)-Dissolved	mg/L	4.47	18.3	
Potassium (K)-Dissolved	mg/L	3.7	5.26	
Sodium (Na)-Dissolved	mg/L	23.3	106	
Phenols (4AAP)	mg/L	0.0223	-	
o-Xylene	mg/L	<0.00050	<0.00050	
m+p-Xylene	mg/L	<0.00050	<0.00050	
Xylenes	mg/L	<0.00071	<0.00071	
F1 (C6-C10)	mg/L	<0.10	-	
F1-BTEX	mg/L	<0.10	-	
F2 (>C10-C16)	mg/L	<0.25	-	
F3 (C16-C34)	mg/L	<0.25	-	
F4 (C34-C50)	mg/L	<0.25	-	
Acenaphthene	mg/L	<0.000020	-	
Acridine	mg/L	<0.000020	-	
Anthracene	mg/L	<0.000010	-	
Benzo(a)anthracene	mg/L	<0.000010	-	
Benzo(a)pyrene	mg/L	<0.0000050	-	
Benzo(b&i)fluoranthene	mg/L	<0.000010	-	
Benzo(g,h,i)perylene	mg/L	<0.000020	-	
Benzo(k)fluoranthene	mg/L	<0.000010	-	
Chrysene	mg/L	<0.000020	-	
Dibenzo(a,h)anthracene	mg/L	<0.0000050	-	
Fluoranthene	mg/L	<0.000020	-	
Fluorene	mg/L	<0.000020	-	
Indeno(1,2,3-cd)pyrene	mg/L	<0.000010	-	
Naphthalene	mg/L	<0.000050	-	
Phenanthrene	mg/L	<0.000050	-	

Paramter	Units	HOP5-10MAY12	HOP5-19JUN12B	License # 2BE-HOP0712
ALS ID		L1146556-1	L1166032-1	Part D: Item 17
Date/Time Sampled		10-May-2012 @ 19:38	19-Jun-2012 @ 19:44	Max average or any grab
Pyrene	mg/L	<0.000010	-	
Quinoline	mg/L	<0.000020	-	
2-Fluorobiphenyl	%	72.5	-	
Nitrobenzene d5	%	75.4	-	
p-Terphenyl d14	%	83.7	-	
B(A)P Total Potency Equivalent	mg/L	<0.000010	-	

Water was not discharged from HOP-6 (Bulk Fuel Storage Facility – Patch Lake) during this month.

Part J Item 5: Under-Ice Drilling Samples

No under-ice samples were collected.

Part J Item 6: Water Use Volumes

Water was not extracted for domestic, dust suppression, or drilling uses this month. A portable washroom trailer has been set up to support reclamation activities in the Windy Camp area; however, there is a lack of suitable infrastructure at Windy Camp for servicing the trailer. The water used in the trailer is from Doris Lake or the Doris Camp kitchen reverse osmosis tank and waste produced is being transferred to the Doris Camp wastewater treatment plant.

Incident Reporting

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

Should there be any questions regarding the monthly report for April 2012, please contact Angela Holzapfel at 604-345-3122 or Angela.Holzapfel@Newmont.com.

Yours sincerely,

Angela Holzapfel

Manager of Environmental Compliance
Hope Bay Mining Limited