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October 28, 2014

Phyllis Beaulieu,  
Manager of Licensing  
Nunavut Water Board  
P.O. Box 119  
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**Re: September 2014 – Monthly Monitoring Report for Water Licence 2BE-HOP1222**

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This report is comprised of monitoring requirements as set out in Part J, Items 2 through 8, and 10 of water licence 2BE-HOP1222. Some monitoring requirements stipulated in this Part refer to facilities that have not been constructed, facilities that no longer exist, or facilities where activity is seasonal. Water levels in Windy Lake will be monitored in accordance with Part J, Item 9 during open water season.

The project is currently operating in a care and maintenance status with water management, drill exploration, and environmental compliance being the focus of current activities.

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

During the month of September, reclamation occurred at 21 historic drill sites in the Regional Exploration area. This work included removal of any remaining surface debris, and the cutting and closing at ground level of any exposed drill stems/casings. An assessment of fill material required to prevent pooling water was conducted and all activities and information updated in the reclamation progress records.

**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 there was no water accumulation in these facilities during the month.

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

Post-drilling water quality samples were not collected this month; the winter ice drilling program was completed in June.

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

This month, water was extracted from Windy Lake for domestic use at Doris Camp. Water for regional exploration drilling was extracted from Doris Lake, Patch Lake, an unnamed lake in the south of the licence area, and from Windy Lake. Geographical locations for all water sources and usage is maintained on file. All usage from water sources was metered or measured by heli-slung Bambi Bucket or truck haul load for drills adjacent to the road network. Daily water usage for the month is presented in Table 1.

Table 1: Daily water usage in cubic meters, September 2014.

Date	Dust Suppression (m <sup>3</sup> )	Regional Drill Water Usage Metered (m <sup>3</sup> )	Regional Drill Water Usage Trucked (m <sup>3</sup> )	Regional Drill Water Usage Total (m <sup>3</sup> )	Domestic Water Consumption at Doris (m <sup>3</sup> )	Total Consumption (m <sup>3</sup> )*
Sep-01	0	0.7	28	28.7	0	29
Sep-02	0	0	11	11	24	35
Sep-03	0	16.5	0	16.5	0	17
Sep-04	0	9.0	13	22	22	44
Sep-05	0	0	3	3.0	0	3
Sep-06	0	4.8	9	13.8	21.5	35
Sep-07	0	6.8	13	19.8	0	19
Sep-08	0	0	7	6.5	25	32
Sep-09	0	0	26	26.0	0	26
Sep-10	0	0	27	27.2	24	51
Sep-11	0	0	14	14.1	0	14
Sep-12	0	0	7	7.0	12	19
Sep-13	0	0	14	14.0	12	26
Sep-14	0	0	8	8.0	0.5	9
Sep-15	0	0	20	20.0	12	32
Sep-16	0	0	16	16.0	24	40
Sep-17	0	0	9	9.0	12	21
Sep-18	0	0	10	10.0	0	10
Sep-19	0	0	10	10.0	24	34
Sep-20	0	19.7	14	33.7	0	34
Sep-21	0	7.6	6	13.6	1	15
Sep-22	0	0	2	2.0	34	36
Sep-23	0	0	6	6.0	0	6
Sep-24	0	0	0	0.0	12	12
Sep-25	0	0	12	12.0	0	12
Sep-26	0	0	8	8.0	24	32
Sep-27	0	0	22	22	0	22
Sep-28	0	0	11	11.0	26	37
Sep-29	0	0	5	5.0	17	22
Sep-30	0	0	10	10.0	0	10

No water was used during the month for dust suppression under licence 2BE-HOP1222.

Water quality monitoring results from licence 2AM-DOH1323, Schedule J for Station ST-7a, freshwater pumped from the Windy Lake freshwater intake, are presented in the monthly monitoring report for 2AM-DOH1323.

### Incident Reporting

No incidents pertaining to this licence occurred this month.

Should there be any questions regarding this monthly report, please contact John Roberts at [John.Roberts@tmacresources.com](mailto:John.Roberts@tmacresources.com).

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'John Roberts', with a stylized flourish at the end.

M. John Roberts  
Vice President, Environmental Affairs  
Hope Bay Project  
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cc. Eva Paul, Water Resources Officer, AANDC