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September 29, 2014

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

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

No reclamation work was completed at Windy Camp this month.

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 Patch and Windy Lakes. Geographical locations for all water sources and usage is maintained on file. All usage from water sources was metered or measured by truck haul load for drills adjacent to the road network. Water usage for drilling was also augmented with water from compliant berm effluent authorized for dust suppression use, reducing the amount of fresh lake water consumed. This recycled water is not reflected in the table below, but tracking of these amounts is retained on file. Daily water usage for the month is presented in Table 1.

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

Date	Dust Suppression (m³)	Regional Drill Water Usage Metered (m³)	Regional Drill Water Usage Trucked (m³)	Regional Drill Water Usage Total (m³)	Domestic Water Consumption at Doris (m³)	Total Consumption (m³)*
Aug-01	0	4.9	12	16.9	36	53
Aug-02	0	1.9	4	5.9	0	6
Aug-03	0	3.8	5.5	9.3	24	33
Aug-04	0	16.7	8	24.7	1.8	27
Aug-05	0	13.4	4	17.4	1	18
Aug-06	0	10	0	10.0	36	46
Aug-07	0	5.7	9.5	15.2	0	15
Aug-08	0	3.9	6	9.9	31	41
Aug-09	0	4.1	0	4.1	0	4
Aug-10	0	7	7.5	14.5	22	37
Aug-11	0	0	0	0.0	0	0
Aug-12	0	11.6	6	17.6	24	42
Aug-13	0	3.9	0	3.9	0	4
Aug-14	0	0	0	0.0	24	24
Aug-15	0	4.2	13.5	17.7	0	18
Aug-16	0	1	18	19.0	24	43
Aug-17	0	0	10	10.0	0	10
Aug-18	0	0	3	3.0	12	15
Aug-19	0	0	10	10.0	24	34
Aug-20	0	3.8	4	7.8	12	20
Aug-21	0	0	6	6.0	0	6
Aug-22	0	3.9	4	7.9	24	32
Aug-23	0	15.9	0	15.9	0	16
Aug-24	0	0	0	0.0	24	24
Aug-25	0	6.2	0	6.2	0	6
Aug-26	0	9.8	0	9.8	24	34
Aug-27	0	5.7	14	19.7	0	20
Aug-28	0	0	3	3.0	24	27
Aug-29	0	0	9	9.0	22.9	32
Aug-30	0	11.4	8	19.4	0	19
Aug-31	0	0	1.5	1.5	24	26

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.

Yours sincerely,



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cc. Eva Paul, Water Resources Officer, AANDC