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Licensing
Nunavut Water Board
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Re: January 2018 – 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. Sampling locations monitored under this licence (seasonally or when facilities are operational) are provided in Figure 1.

During the period of this report, the focus of current activities under the Windy Regional Exploration licence was water management and environmental compliance.

Part I Conditions Applying to Abandonment and Restoration

No abandonment or restoration work was conducted during the 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 and New Windy Camp has not been constructed. Therefore the licence requirements relating to the Wastewater Treatment Facility (HOP-2 and HOP-3) are not applicable at this time. HOP-5 (Bulk Fuel Storage – Windy Camp) and HOP-6 (Bulk Fuel Storage Facility – Patch Lake) were dismantled in 2012. HOP-8 (Bulk Fuel Storage Facility at New Windy Camp) 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 accumulated in these areas this month.

Part J Item 7: Under-Ice Drilling Samples

No under-ice water quality sampling was conducted this month as no on-ice surface exploration drilling was conducted in the licence area.

Part J Item 8: Water Use Volumes

This month, water was extracted from Windy Lake for domestic use for Doris Camp. Geotechnical drilling was conducted in the licence area during the month of January, and water was extracted from Windy Lake in support of this program. Geographical locations for all water sources and usage is maintained on file. 17 m³ of water extracted from Windy Lake was unintentionally used for industrial purposes. This error in water use was addressed with the water truck operator to ensure that water use is as prescribed in the water license. All usage from water sources during the month were metered at the source or measured by truck haul load. Daily water usage for the month is presented in Table 1.

Table 1: Daily water usage in cubic meters, January 2018.

Date	Dust Suppression (m ³)	Regional Drill Water Usage Metered (m ³)	Regional Drill Water Usage Trucked (m ³)	Regional Drill Water Usage Total (m ³)	Domestic Water Consumption at Doris (m ³)	Total Daily Usage (m ³)
01-Jan	0.0	0.0	0.0	0.0	20.0	20.0
02-Jan	0.0	0.0	0.0	0.0	30.0	30.0
03-Jan	0.0	0.0	0.0	0.0	30.0	30.0
04-Jan	0.0	0.0	0.0	0.0	30.0	30.0
05-Jan	0.0	0.0	0.0	0.0	40.0	40.0
06-Jan	0.0	0.0	0.0	0.0	30.0	30.0
07-Jan	0.0	0.0	0.0	0.0	30.0	30.0
08-Jan	0.0	0.0	0.0	0.0	40.0	40.0
09-Jan	0.0	0.0	0.0	0.0	30.0	30.0
10-Jan	0.0	0.0	0.0	0.0	40.0	40.0
11-Jan	0.0	0.0	0.0	0.0	30.0	30.0
12-Jan	0.0	0.0	0.0	0.0	30.0	30.0
13-Jan	0.0	0.0	0.0	0.0	30.0	30.0
14-Jan	0.0	0.0	0.0	0.0	40.0	40.0
15-Jan	0.0	0.0	0.0	0.0	30.0	30.0
16-Jan	0.0	0.0	0.0	0.0	40.0	40.0
17-Jan	0.0	0.0	0.0	0.0	30.0	30.0
18-Jan	0.0	0.0	0.0	0.0	35.0	35.0
19-Jan	0.0	0.0	10.0	10.0	35.0	55.0
20-Jan	0.0	0.0	0.0	0.0	30.0	30.0
21-Jan	0.0	0.0	0.0	0.0	15.0	15.0
22-Jan	0.0	0.0	0.0	0.0	36.0	36.0
23-Jan	0.0	0.0	0.0	0.0	39.0	39.0
24-Jan	0.0	0.0	7.0	7.0	43.0	57.0
25-Jan	0.0	0.0	0.0	0.0	20.0	20.0
26-Jan	0.0	0.0	0.0	0.0	45.0	45.0
27-Jan	0.0	0.0	0.0	0.0	25.0	25.0
28-Jan	0.0	0.0	0.3	0.3	55.7	56.3
29-Jan	0.0	0.0	0.0	0.0	48.0	48.0
30-Jan	0.0	0.0	0.0	0.0	39.0	39.0
31-Jan	0.0	0.0	0.4	0.4	35.0	35.8
Monthly Total	0.0	0.0	17.7	17.7	1050.7	1086.1
Annual Total	0.0	0.0	17.7	17.7	1050.7	1086.1

*As permitted by water licenses 2BE-HOP1222 and 2AM-DOH1323

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

Environmental Incident Reporting

No incidents pertaining to this licence occurred this month.

Should there be any questions regarding this monthly report, please contact Oliver Curran at Oliver.Curran@tmacresources.com.

Yours sincerely,



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cc. Eva Paul, Water Resources Officer, INAC

Figure 1. 2BE-HOP1222 SNP Monitoring Locations

