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Sent by Email

September 30, 2019

Licensing
Nunavut Water Board
P.O. Box 119
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Re: August 2019 – 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 at the end of this report.

During the period of this report, the focus of activities under the Windy Regional Exploration licence was surface exploration drilling, 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 discharge of water was required from 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 Patch Lake, Kamik Lake, Too Lake and Milk Bottle Lake to support surface exploration drilling. Geographical locations for all water sources and usage is maintained on file. All usage from water sources during the month were metered at the source. Daily water usage for the month is presented in Table 1.

Table 1: Daily water usage in cubic meters, August 2019.

Date	Dust Suppression (m³)	Regional Drill Water Usage Metered (m³)	Regional Drill Water Usage Trucked (m³)	Regional Drill Water Usage Total (m³)	Total Daily Usage (m³)
01-Aug	0.0	7.0	0.0	7.0	7.0
02-Aug	0.0	3.7	0.0	3.7	3.7
03-Aug	0.0	3.3	0.0	3.3	3.3
04-Aug	0.0	2.0	0.0	2.0	2.0
05-Aug	0.0	5.4	0.0	5.4	5.4
06-Aug	0.0	5.0	0.0	5.0	5.0
07-Aug	0.0	3.3	0.0	3.3	3.3
08-Aug	0.0	5.2	0.0	5.2	5.2
09-Aug	0.0	3.9	0.0	3.9	3.9
10-Aug	0.0	3.4	0.0	3.4	3.4
11-Aug	0.0	3.2	0.0	3.2	3.2
12-Aug	0.0	0.8	0.0	0.8	0.8
13-Aug	0.0	5.7	0.0	5.7	5.7
14-Aug	0.0	3.7	0.0	3.7	3.7
15-Aug	0.0	2.7	0.0	2.7	2.7
16-Aug	0.0	5.3	0.0	5.3	5.3
17-Aug	0.0	3.7	0.0	3.7	3.7
18-Aug	0.0	4.9	0.0	4.9	4.9
19-Aug	0.0	5.6	0.0	5.6	5.6
20-Aug	0.0	5.8	0.0	5.8	5.8
21-Aug	0.0	2.6	0.0	2.6	2.6
22-Aug	0.0	4.4	0.0	4.4	4.4
23-Aug	0.0	3.2	0.0	3.2	3.2
24-Aug	0.0	2.7	0.0	2.7	2.7
25-Aug	0.0	3.4	0.0	3.4	3.4
26-Aug	0.0	4.8	0.0	4.8	4.8
27-Aug	0.0	4.7	0.0	4.7	4.7
28-Aug	0.0	2.7	0.0	2.7	2.7
29-Aug	0.0	2.2	0.0	2.2	2.2
30-Aug	0.0	1.6	0.0	1.6	1.6
31-Aug	0.0	4.0	0.0	4.0	4.0
Monthly Total	0.0	119.9	0.0	119.9	119.9
Annual Total	0.0	1941.8	67.7	2009.5	2009.5

*As permitted by water license 2BE-HOP1222

Water quality monitoring results and volumes extracted from the Windy Lake freshwater intake (HOP-1) for domestic use for Doris Camp are presented in the monthly monitoring report for licence 2AM-DOH1335, Schedule I for Station ST-7A.

Incident Reporting

No incidents pertaining to this licence occurred this month.

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

Yours sincerely,

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

Kyle Conway
Environmental Superintendent
Hope Bay Project
(867) 988-6882 ext. 102

Cc:

Jeremy Fraser, Water Resources Officer, CIRNAC
Oliver Curran, Vice President - Environmental Affairs, TMAC
Dan Gagnon, Mine General Manager, TMAC

Figure 1. 2BE-HOP1222 SNP Monitoring Locations

