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Sent by Email

February 08, 2024

Licensing
Nunavut Water Board
P.O. Box 119
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Re: January 2024 – Monthly Monitoring Report for Water License 2BE-HOP2232

This report is comprised of monitoring requirements as set out in Part J, Items 2 through 8, and 10 of water license 2BE-HOP2232. Some monitoring requirements stipulated in this license 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 license (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 license was on-land and on-ice 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 license 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 occurred from these areas this month.

Part J Item 7: Under-Ice Drilling Samples

Under-ice water quality sampling was conducted this month as on-ice surface exploration drilling occurred throughout the month. Results for the monitoring samples are provided in Appendix B, submitted with this report.

Part J Item 8: Water Use Volumes

Geographical locations for all water sources and usage are 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, January 2024.

Date	Regional Drill Water Usage (m3)
1-Jan	16.00
2-Jan	0.00
3-Jan	17.02
4- Jan	35.36
5- Jan	1.18
6- Jan	1.81
7- Jan	1.44
8- Jan	17.69
9- Jan	49.51
10- Jan	0.81
11- Jan	78.46
12- Jan	130.04
13- Jan	2.45
14- Jan	1.25
15- Jan	6.25
16- Jan	112.25
17- Jan	14.25
18- Jan	49.25
19- Jan	115.00
20- Jan	6.55
21- Jan	162.25
22- Jan	3.75
23- Jan	51.75
24- Jan	115.25
25- Jan	99.50
26- Jan	148.84
27- Jan	132.32
28- Jan	163.11
29- Jan	22.84
30- Jan	15.40
31- Jan	45.61
Monthly Total	1617.20
Annual Total	1617.20

Water quality monitoring results and volumes extracted from the Windy Lake freshwater intake (HOP-1) for domestic, industrial, dust suppression and winter tracks are presented in the monthly monitoring report for license 2AM-DOH1335, Schedule I for Station ST-7A.

Incident Reporting

Five incidents occurred during January 2024. Below is a summary of each incident.

#2024026 – January 22, 2024 – 0.5 L Hydraulic Oil Spill - During routine operation of the Major Drilling's Skidder, a small hydraulic fluid leak (0.5 L) was identified by site personnel while the Skidder was parked on Patch Lake. The fluid pooled on the ice and did not enter the water body.

#2024027 – January 23, 2024 – While a mega bag containing drill cuttings was being loaded on to a transport sled in preparation for removal from Patch Lake, the mega bag hooked onto the transport sled resulting in a tear in the mega bag. As a result, 4 L of drill cuttings were spilled onto the frozen surface of patch lake.

#2024029 – January 25, 2024 – While repairing the drill #12 wire line, the drillers heard a water splashing noise coming from the water seacan. When they arrived, the re-circulation tank was overtopping and flowing out the door. The driller went outside to find the drill liner, which acts as secondary containment, had collapsed and re-circulation water was flowing on to the frozen surface of Patch Lake.

#2024030 – January 25, 2024 – During routine operation of the Geotech Drilling's telehandler, an engine oil leak was identified by site personnel while the telehandler was working on Patch Lake. The telehandler operator was notified and shut the equipment down. The engine oil remained on the ice and did not enter the water body.

#2024037 – January 31, 2024 – During the dismantling of a completed drill site on Patch Lake and after the drill liner, acting as secondary containment, was removed the workers identified a spill of approximately 5 L of hydraulic oil on the surface of the ice and within an area of melted water. The spill was immediately reported to the supervisor and cleanup initiated.

Should there be any questions regarding this monthly report, please contact me at brett.fairbairn@agnicoeagle.com.

Yours sincerely,

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Cc:
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Figure 1. 2BE-HOP2232 SNP Monitoring Locations