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Sent by Email

February 28, 2023

Licensing
Nunavut Water Board
P.O. Box 119
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Re: January 2023 – 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 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 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 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 was initiated in the license area. Results have not been received yet and will be reported during the next month's 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 5. An error in reporting between October and December 2022 was found during the last month. Due to a mistake in the calculation method of the final water quantity used, the amount of water used was overestimated. The corrected values can be found in Tables 1-3. The error has been corrected for current and future calculations.

Table 1: Corrected daily water usage in cubic meters, October 2022.

Date	Dust Suppression (m3)	Regional Drill Water Usage (m3)	Total Daily Usage (m3)
1-Oct	0	4.38	4.38
2-Oct	0	9.26	9.26
3-Oct	0	14.11	14.11
4-Oct	0	23.74	23.74
5-Oct	0	10.16	10.16
6-Oct	0	16.31	16.31
7-Oct	0	22.16	22.16
8-Oct	0	20.74	20.74
9-Oct	0	37.56	37.56
10-Oct	0	6.09	6.09
11-Oct	0	25.33	25.33
12-Oct	0	16.97	16.97
13-Oct	0	19.31	19.31
14-Oct	0	23.05	23.05
15-Oct	0	22.63	22.63
16-Oct	0	21.92	21.92
17-Oct	0	21.69	21.69
18-Oct	0	15.76	15.76
19-Oct	0	16.47	16.47
20-Oct	0	17.05	17.05
21-Oct	0	18.12	18.12
22-Oct	0	18.95	18.95
23-Oct	0	16.20	16.20
24-Oct	0	12.96	12.96
25-Oct	0	16.56	16.56
26-Oct	0	11.79	11.79
27-Oct	0	13.34	13.34
28-Oct	0	10.92	10.92
29-Oct	0	17.82	17.82
30-Oct	0	31.42	31.42
31-Oct	0	13.85	13.85
Monthly Total	0	546.60	546.60
Annual Total	8	2450.4	2458.4

Table 2: Corrected daily water usage in cubic meters, November 2022.

Date	Dust Suppression (m3)	Regional Drill Water Usage (m3)	Total Daily Usage (m3)
1-Nov	0	25.9	25.9
2-Nov	0	19.5	19.5
3-Nov	0	15.8	15.8
4-Nov	0	11.9	11.9
5-Nov	0	8.1	8.1
6-Nov	0	9.2	9.2
7-Nov	0	3.1	3.1
8-Nov	0	5.5	5.5
9-Nov	0	8.1	8.1
10-Nov	0	20.4	20.4
11-Nov	0	2.0	2.0
12-Nov	0	28.3	28.3
13-Nov	0	25.2	25.2
14-Nov	0	19.1	19.1
15-Nov	0	17.9	17.9
16-Nov	0	31.3	31.3
17-Nov	0	25.8	25.8
18-Nov	0	21.4	21.4
19-Nov	0	18.5	18.5
20-Nov	0	20.1	20.1
21-Nov	0	19.4	19.4
22-Nov	0	24.3	24.3
23-Nov	0	29.5	29.5
24-Nov	0	18.4	18.4
25-Nov	0	31.5	31.5
26-Nov	0	15.4	15.4
27-Nov	0	17.2	17.2
28-Nov	0	12.9	12.9
29-Nov	0	4.6	4.6
30-Nov	0	14.6	14.6
Monthly Total	0	525.0	525.0
Annual Total	8	2975.4	2983.40

Table 3: Corrected daily water usage in cubic meters, December 2022.

Date	Dust Suppression (m3)	Regional Drill Water Usage (m3)	Total Daily Usage (m3)
1-Dec	0	9.3	9.3
2-Dec	0	13.5	13.5
3-Dec	0	23.2	23.2
4-Dec	0	15.4	15.4
5-Dec	0	13.8	13.8
6-Dec	0	10.0	10.0
7-Dec	0	2.3	2.3
8-Dec	0	2.7	2.7
9-Dec	0	1.7	1.7
10-Dec	0	1.7	1.7
11-Dec	0	2.2	2.2
12-Dec	0	0.9	0.9
13-Dec	0	0	0
14-Dec	0	0	0
15-Dec	0	0	0
16-Dec	0	0	0
17-Dec	0	0	0
18-Dec	0	0	0
19-Dec	0	0	0
20-Dec	0	0	0
21-Dec	0	0	0
22-Dec	0	0	0
23-Dec	0	0	0
24-Dec	0	0	0
25-Dec	0	0	0
26-Dec	0	0	0
27-Dec	0	0	0
28-Dec	0	0	0
29-Dec	0	0	0
30-Dec	0	0	0
31-Dec	0	0	0
Monthly Total	0	96.6	96.6
Annual Total	8	3072	3080

Table 4: Daily water usage in cubic meters, January 2023.

Date	Regional Drill Water Usage (m3)
1-Jan	0.00
2-Jan	0.00
3-Jan	0.00
4-Jan	0.02
5-Jan	0.02
6-Jan	13.39
7-Jan	26.56
8-Jan	15.79
9-Jan	12.30
10-Jan	14.59
11-Jan	13.90
12-Jan	13.36
13-Jan	30.71
14-Jan	24.94
15-Jan	24.29
16-Jan	36.32
17-Jan	25.55
18-Jan	17.49
19-Jan	38.06
20-Jan	26.17
21-Jan	23.61
22-Jan	20.28
23-Jan	27.22
24-Jan	27.95
25-Jan	21.75
26-Jan	20.68
27-Jan	26.23
28-Jan	25.40
29-Jan	18.97
30-Jan	21.04
31-Jan	13.31
Monthly Total	579.89
Annual Total	579.89

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.

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

Yours sincerely,

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Cc:

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Figure 1. 2BE-HOP2232 SNP Monitoring Locations

