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October 26, 2015

Phyllis Beaulieu,
Manager of Licensing
Nunavut Water Board
P.O. Box 119
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Re: September 2015 – 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 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; 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 (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

The 2015 winter ice drilling program concluded on May 18, 2015. Post-drilling water quality sample results were reported in May.

Part J Item 8: Water Use Volumes

A discrepancy in the tracking of water used for surface drilling was identified during an inspection by AANDC staff on September 26, 2015. The volumes of water extracted for surface drilling have been corrected to account for this discrepancy and tracking procedures have been adjusted to capture this additional volume. Surface drilling in the 2BE-HOP1222 licence area commenced in March, 2015. A summary of the corrected volumes for March to August is provided in Appendix A of this report. The total volume not captured for the March to August surface drilling program was 167 m³. Volumes recorded for September presented in Table 1 below were calculated in accordance with the correct method.

This month, water was extracted from Windy Lake for domestic use. Surface drilling was conducted in the licence area during the month of September, and water was extracted from Doris, Wolverine and Windy Lakes in support of the Regional Exploration program. No water was used for dust suppression purposes this month. 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 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, September 2015.

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)
Sept-01	0	0	15	15	25	40
Sept-02	0	0	14	14	14	28
Sept-03	0	0	20	20	14	34
Sept-04	0	0	7	7	14	21
Sept-05	0	0	11	11	28	39
Sept-06	0	0	0	0	14	14
Sept-07	0	0	16	16	28	44
Sept-08	0	3	16	19	14	33
Sept-09	0	4	10	14	28	42
Sept-10	0	4	10	14	21	35
Sept-11	0	2	5	7	26	33
Sept-12	0	2	3	5	14	19
Sept-13	0	10	11	21	28	49
Sept-14	0	0	6	6	14	20
Sept-15	0	0	8	8	28	36
Sept-16	0	0	4	4	14	18
Sept-17	0	0	6	6	28	34
Sept-18	0	0	6	6	14	20
Sept-19	0	0	9	9	14	23
Sept-20	0	0	10	10	30	40
Sept-21	0	0	3	3	14	17
Sept-22	0	0	0	0	14	14
Sept-23	0	0	8	8	20	28
Sept-24	0	0	22	22	20	42
Sept-25	0	0	0	0	20	20
Sept-26	0	0	8	8	20	28
Sept-27	0	0	4	4	0	4
Sept-28	0	0	0	0	30	30
Sept-29	0	0	0	0	10	10
Sept-30	0	0	28	28	40	68

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.

Environmental 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.

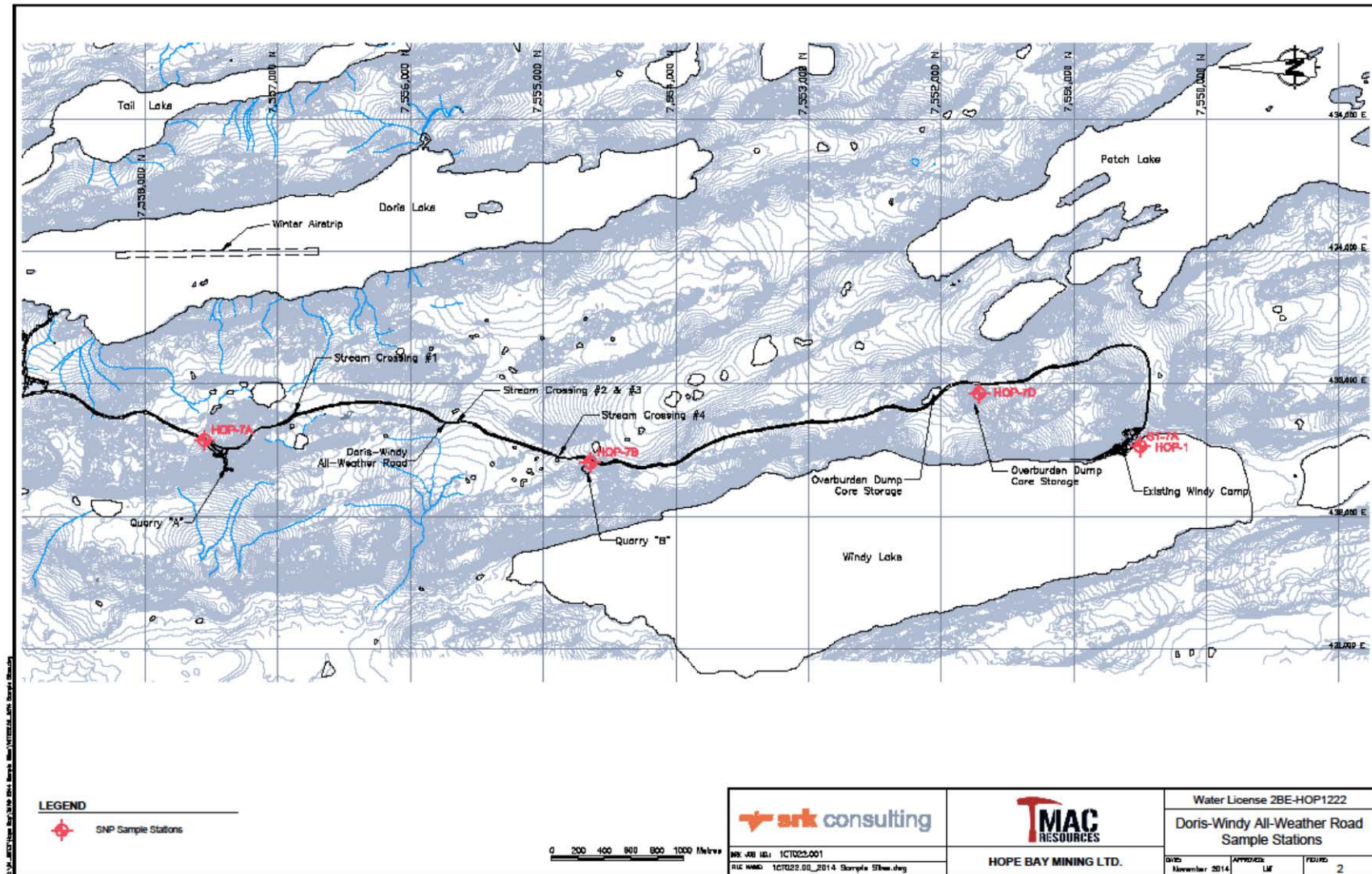
Yours sincerely,

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

M. John Roberts
Vice President, Environmental Affairs
Hope Bay Project
(416) 628-0216

cc. Eva Paul, Water Resources Officer, AANDC

Figure 1. 2BE-HOP1222 SNP Monitoring Locations



Appendix A. Revised Regional Drill Water Usage Total (m³), March – August, 2015

March	Reported Volume	Corrected Volume	April	Reported Volume	Corrected Volume	May	Reported Volume	Corrected Volume	June	Reported Volume	Corrected Volume	July	Reported Volume	Corrected Volume	August	Reported Volume	Corrected Volume
Mar-01	0	0	Apr-01	7	15	May-01	9	9	Jun-01	2	2	Jul-01	0	0	Aug-01	0	0
Mar-02	0	0	Apr-02	8	8	May-02	15	15	Jun-02	12	12	Jul-02	0	0	Aug-02	0	0
Mar-03	0	0	Apr-03	12	12	May-03	6	22	Jun-03	22	22	Jul-03	0	0	Aug-03	0	0
Mar-04	0	0	Apr-04	13	13	May-04	7	9	Jun-04	14	14	Jul-04	0	0	Aug-04	0	0
Mar-05	0	0	Apr-05	8	16	May-05	1	9	Jun-05	16	16	Jul-05	0	0	Aug-05	0	0
Mar-06	0	0	Apr-06	8	8	May-06	21	21	Jun-06	26	26	Jul-06	0	0	Aug-06	0	0
Mar-07	0	0	Apr-07	5	13	May-07	2	7	Jun-07	0	0	Jul-07	0	0	Aug-07	0	0
Mar-08	0	0	Apr-08	7	7	May-08	6	26	Jun-08	7	7	Jul-08	0	0	Aug-08	0	0
Mar-09	0	0	Apr-09	10	10	May-09	22	22	Jun-09	7	7	Jul-09	0	0	Aug-09	30	30
Mar-10	0	0	Apr-10	9	9	May-10	18	18	Jun-10	8	8	Jul-10	0	0	Aug-10	10	10
Mar-11	0	0	Apr-11	8	8	May-11	7	7	Jun-11	11	11	Jul-11	0	0	Aug-11	16	16
Mar-12	0	0	Apr-12	6	6	May-12	15	15	Jun-12	4	4	Jul-12	0	0	Aug-12	0	0
Mar-13	0	0	Apr-13	5	5	May-13	19	27	Jun-13	2	2	Jul-13	0	0	Aug-13	25	25
Mar-14	0	0	Apr-14	23	31	May-14	16	16	Jun-14	3	3	Jul-14	0	0	Aug-14	10	10
Mar-15	0	0	Apr-15	5	13	May-15	16	16	Jun-15	10	10	Jul-15	0	0	Aug-15	6	6
Mar-16	0	0	Apr-16	20	28	May-16	18	18	Jun-16	12	12	Jul-16	0	0	Aug-16	4	4
Mar-17	0	0	Apr-17	12	12	May-17	15	15	Jun-17	0	0	Jul-17	0	0	Aug-17	24	24
Mar-18	0	0	Apr-18	9	9	May-18	12	20	Jun-18	5	5	Jul-18	0	0	Aug-18	7	7
Mar-19	5	5	Apr-19	12	20	May-19	0	0	Jun-19	4	4	Jul-19	0	0	Aug-19	25	25
Mar-20	8	8	Apr-20	25	25	May-20	9	9	Jun-20	0	0	Jul-20	0	0	Aug-20	14	14
Mar-21	17	17	Apr-21	12	12	May-21	4	4	Jun-21	0	0	Jul-21	0	0	Aug-21	21	21
Mar-22	16	16	Apr-22	9	9	May-22	16	16	Jun-22	4	4	Jul-22	0	0	Aug-22	16	16
Mar-23	20	20	Apr-23	10	10	May-23	5	5	Jun-23	0	0	Jul-23	0	0	Aug-23	6	6
Mar-24	12	12	Apr-24	18	26	May-24	0	0	Jun-24	0	0	Jul-24	0	0	Aug-24	16	16
Mar-25	12	20	Apr-25	8	16	May-25	20	20	Jun-25	0	0	Jul-25	0	0	Aug-25	15	15
Mar-26	14	14	Apr-26	14	14	May-26	2	2	Jun-26	0	0	Jul-26	0	0	Aug-26	12	12
Mar-27	6	6	Apr-27	8	16	May-27	7	7	Jun-27	0	0	Jul-27	0	0	Aug-27	17	17
Mar-28	2	18	Apr-28	12	12	May-28	13	13	Jun-28	0	0	Jul-28	0	0	Aug-28	16	16
Mar-29	10	10	Apr-29	8	8	May-29	14	14	Jun-29	0	0	Jul-29	0	0	Aug-29	15	15
Mar-30	3	3	Apr-30	13	13	May-30	7	7	Jun-30	0	0	Jul-30	0	0	Aug-30	24	24
Mar-31	7	7				May-31	0	0				Jul-31	0	0	Aug-31	21	21

Note: The recorded and corrected volumes above are mostly identical as corrections were only required in a few instances.