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Sent by Email

October 30, 2017

Licensing
Nunavut Water Board
P.O. Box 119
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Re: September 2017 – Monthly Monitoring Report for Water Licence 2BB-BOS1727

This report is comprised of monitoring requirements as set out in Part J of water licence 2BB-BOS1727. Boston Camp was reopened on June 15, 2017 to support a seasonal surface exploration program. This exploration program concluded on August 6, 2017. During the subject period of this report, the focus of activities at Boston Camp included preparation for seasonal shutdown, seasonal water management and licence compliance. Boston Camp was shutdown for the winter season on September 12, 2017.

Part J Item 2: Water Use Volumes

The surface exploration program concluded on August 6, 2017. Activities at Boston Camp this month focused on preparing the camp for seasonal shutdown over the winter period. Staff conducting this work were based out of Doris Camp. As such, no domestic water was required to support camp operations or surface exploration activities. Daily water usage for the month is presented in Table 1.

Table 1: Daily water usage in cubic meters, September 2017.

Date	Domestic Water Consumption (m ³)	Drill Water Usage Total (m ³)	Total Daily Usage (m ³)
Sep-01	0	0	0
Sep-02	0	0	0
Sep-03	0	0	0
Sep-04	0	0	0
Sep-05	0	0	0
Sep-06	0	0	0
Sep-07	0	0	0
Sep-08	0	0	0
Sep-09	0	0	0
Sep-10	0	0	0
Sep-11	0	0	0
Sep-12	0	0	0
Sep-13	0	0	0
Sep-14	0	0	0
Sep-15	0	0	0
Sep-16	0	0	0
Sep-17	0	0	0
Sep-18	0	0	0
Sep-19	0	0	0
Sep-20	0	0	0
Sep-21	0	0	0

Sep-22	0	0	0
Sep-23	0	0	0
Sep-24	0	0	0
Sep-25	0	0	0
Sep-26	0	0	0
Sep-27	0	0	0
Sep-28	0	0	0
Sep-29	0	0	0
Sep-30	0	0	0
Sep-01	0	0	0
Monthly Total	0	0	0
Annual Total	300	853	1,153

Part J Item 3: Minewater Discharge Volumes

Minewater was not pumped from underground during this period.

Part J Items 4 and 5: Sewage Disposal Facility Daily Effluent Discharge and Sewage Sludge

Activities at Boston Camp this month focused on preparing the camp for seasonal shutdown over the winter period. Staff conducting this work were based out of Doris Camp. As such, no effluent was discharged to the environment from the Sewage Disposal facility. Shutdown activities focused on cleaning and winterizing the Sewage Disposal facility. Approximately 17m³ of sludge and effluent remaining in the plant was removed from the facility and stored in plastic totes for disposal at Doris Camp.

Part J Items 5: Daily Quantities of Effluent Discharged – Containment Pond, Bulk Fuel Storage and Landfarm

No water was discharged from the Containment Pond (BOS-2), the Bulk Fuel Storage Facility (BOS-5), the Landfarm (BOS-6), or the Portal Decline (BOS-9) this month.

Part J Items 6 and 7: Water Source and Waste Disposal Coordinates

GPS coordinates of locations of water sources and waste associated with camp and drilling activities are kept on file. No water sources were utilized to support domestic water use or drilling activities this month.

All waste generated from activities at the Boston Camp will be stored on site and transported to Doris Camp for disposal on the winter track in 2018.

Part J Items 8, 11 and 12 (also Part D Items 6, 17 and 19): Sampling at Containment Pond, Minewater, Bulk Fuel Storage, and Landfarm

No samples were taken from the Containment Pond (BOS-2), the Bulk Fuel Storage facility (BOS-5), the Landfarm facility (BOS-6), or the Portal Decline (BOS-9) during the month of September.

Part J Item 9: Sewage Disposal Facility Effluent

An effluent sample was collected from the Sewage Disposal facility during shutdown activities and no exceedances were observed. No effluent was discharged from the Sewage Disposal facility this month as staff conducting shutdown activities at Boston Camp were based out of Doris Camp. Effluent remaining in the facility during shutdown was removed with the sewage sludge and stored in plastic totes for disposal at Doris Camp as described in section Part J Items 4 and 5 above.

No samples were taken at monitoring station BOS-4 as there was no observable flow into Aimaokatalok Lake at this station.

Part J Item 11: Seepage Monitoring

Seepage at Boston (BOS-8) is monitored seasonally when water is available to sample. No seepage was observed during the month of September at BOS-8; therefore, these monitoring stations were not sampled.

Part J Item 14 (also Part F Item 7): Under-Ice Water Quality Sampling

Not applicable as on-ice drilling did not occur pertaining to licence 2BB-BOS1727.

Incident Reporting

No incidents pertaining to this license occurred during the month of September.

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

Yours sincerely,



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Figure 1. 2BB-BOS1217 SNP Monitoring Locations

