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Sent by Email

August 31, 2018

Licensing
Nunavut Water Board
P.O. Box 119
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Re: July 2018 – 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 is used to support seasonal surface exploration programs. Boston Camp was shutdown for the winter season on September 12, 2017 and remains inactive at this time.

Part J Item 2: Water Use Volumes

No water was used as the camp was not operational.

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

Effluent was not discharged at BOS-3 and no sludge was removed from the sewage disposal facility. The camp was not operational.

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), or the Landfarm (BOS-6) this month. A total of 9.7m³ of water was discharged from the Portal Decline (BOS-9) to the tundra 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.

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

Water quality treatment was undertaken at the Containment Pond (BOS-2) with an activated carbon oil-water separator system in July after samples collected in June exceeded the Maximum Average Concentration (MAC) for this facility. The result was below the Maximum Concentration in Any Grab Sample (MCGS). A subsequent sample collected on July 7 post-treatment also exceeded the MAC for total arsenic, but remained below the MCGS. Further water quality treatment was conducted using the oil-water separator system and a second sample was collected on July 15; the second sample also failed to meet the discharge criteria for total arsenic. No discharge from this facility occurred in July. Further water quality treatment will be undertaken and additional samples collected prior to discharge from this facility.

No samples were collected from the Bulk Fuel Storage facility (BOS-5) or the Landfarm (BOS-6) as there was not sufficient water accumulated in these facilities to collect samples in July.

Water quality samples collected from the Portal Decline (BOS-9) in June met the criteria for discharge for this facility.

Results of all sampling are presented in Appendix A of this report.

Part J Item 9: Sewage Disposal Facility Effluent

No samples were taken at monitoring station BOS-3 as the camp was not operational.

No samples were taken at monitoring station BOS-4 as there was no discharge from the Sewage Disposal Facility this month.

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 July at BOS-8 sample locations.

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 July.

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

Yours sincerely,



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cc. Jonathan Mesher, Resource Management Officer, CIRNAC
Jeremy Fraser, Water Resources Officer, CIRNAC

Figure 1. 2BB-BOS1217 SNP Monitoring Locations

