



95 Wellington Street West
Suite 1010, P.O. Box 44
Toronto Dominion Centre
Toronto, Ontario M5J 2N7
416-628-021

Sent by Email

October 31, 2018

Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU
X0B 1J0

Re: September 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. Sampling locations monitored under this licence (seasonally or when facilities are operational) are provided in Figure 1 at the end of this report.

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

45 m³ of water was discharged from the Containment Pond (BOS-2) on September 15, 2018. This water was discharged to a depression in the camp pad (discharge location coordinates: 67°39'28" 106°22'59") as approved by the Inspector on September 5, 2018.

No water was discharged from the Bulk Fuel Storage Facility (BOS-5), the Landfarm Facility (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.

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 September after samples collected in June, July and August exceeded the Total Suspended Solids discharge criteria for this facility.

On September 5, 2018 the Inspector granted a one-time authorization to discharge from this facility to a depression in the surrounding camp pad to empty the facility prior to freeze up and prevent over-topping of the pond during 2019 freshet. Discharge from this facility occurred on September 15, 2018.

No samples were collected from the Bulk Fuel Storage facility (BOS-5). The onset of freezing conditions in September prevented further sampling or discharge of water accumulating in this facility.

No samples were collected from the Landfarm (BOS-6) or the Portal Decline (BOS-9) this month and no discharge occurred from these facilities.

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 September 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 licence occurred during the month of September.

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

Yours sincerely,



Kyle Conway
Environmental Supervisor
Hope Bay Project
(867) 988-6882 ext. 102

cc. Jeremy Fraser, Water Resources Officer, CIRNAC

Figure 2. 2BB-BOS1727 SNP Monitoring Locations

