

March 19, 2019

Stephanie Autut  
Executive Director  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU X0B 1J0

Dear Ms. Autut,

**Re: Water Licence 1AR-NAN1419 – 2018 Annual Report**

This letter and enclosed documentation are submitted in fulfilment of Part B Item 2 of Water Licence 1AR-NAN1419 which requires the Licensee to file an Annual Report with the Nunavut Water Board (NWB). The letter is structured as per Schedule B of the Water Licence.

**Summary**

Key activities completed in 2018 included:

- Discharge of effluent from the West Twin Disposal Area;
- Geotechnical monitoring;
- Water quality monitoring;
- Minor geotechnical maintenance work on the West Twin Spillway and the East Twin Creek Diversion Dyke.

There was no use of fresh water in 2018.

As per Part F of Water Licence 1AR-NAN1419, effluent quality limits were met for the effluent discharged into Twin Lakes Creek.

As per Part I of Water Licence 1AR-NAN1419, geotechnical and surface water quality monitoring was completed in 2018. The monitoring programs demonstrated stable conditions and confirmed that implemented closure and rehabilitation measures perform as expected.

**Part D – Conditions Applying to Construction and Operations**

No construction activities were completed in 2018.

**Part E – Conditions Applying to Water Use and Management**

There were no uses of fresh water in 2018.

**Part F – Conditions Applying to Waste Disposal and Management**

In 2018, effluent quality limits specified by Water Licence 1AR-NAN1419 at monitoring station 159-4 were met. Further information on surface water quality monitoring undertaken in 2018 is provided in Appendix B.

No waste was generated in 2018.

**Part G – Conditions Applying to Modifications**

No modifications to water uses were completed in 2018.

**Part H – Conditions Applying to Emergency Response and Spill Contingency Planning**

No unauthorized discharges or significant spills occurred in 2018.

**Part I – Conditions Applying to the Monitoring Program**

Geotechnical and surface water quality monitoring conforming to the requirements of Part I and Schedule I of Water Licence 1AR-NAN1419 were completed in 2018. The results of the monitoring program are detailed in the monitoring reports appended to this letter (Appendices B, C, D and E).

**Part J – Conditions Applying to Abandonment, Reclamation and Closure**

No abandonment and reclamation activities were completed in 2018.

I trust that this letter and appended documentation meet your expectations. Please do not hesitate to contact me by phone or email should you have any questions or comments.

Sincerely,



**Johan Skoglund**  
Group Manager Environment

Appendices:

- Appendix A: Inuktitut translation: Summary of this letter
- Appendix B: 2018 Annual Water Quality Monitoring Report. Stantec. March 13, 2019.
- Appendix C: Inuktitut translation: Executive Summary of 2018 Water Quality Monitoring Report.
- Appendix D: 2018 Annual Geotechnical Inspection Report. BGC Engineering. March 11, 2019.
- Appendix E: Inuktitut translation: Executive summary of 2018 Geotechnical Inspection Report.