

March 29, 2023

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

By Email: licensing@nwb-oen.ca

Dear Sir/Madam,

Re: Water Licence 1AR-NAN2030 – 2022 Annual Report

This letter and enclosed documentation are submitted in fulfilment of Part B Item 1 of Water Licence 1AR-NAN2030 which requires the Licensee to file an Annual Report with the Nunavut Water Board (NWB). The report contains the content prescribed in Schedule B of the Water Licence.

Summary

Key activities completed in 2022 included:

- Discharge of effluent from the West Twin Disposal Area;
- Geotechnical monitoring; and
- Water quality monitoring.

Effluent discharged into Twin Lakes Creek complied with the water quality limits established in the Water Licence.

Geotechnical and surface water quality monitoring was completed in accordance with the requirements specified in the Water Licence. The monitoring programs demonstrated stable conditions and confirmed that implemented closure and rehabilitation measures perform as expected.

Geotechnical Monitoring

Geotechnical monitoring conforming to the requirements of the Water Licence was completed in 2022. The results of the monitoring program are detailed in the monitoring report from BGC Engineering enclosed in Appendices B and C.

No geotechnical maintenance work was required in 2022.

Water Quality Monitoring

Surface water quality monitoring conforming to the requirements of the Water Licence was completed in 2022. The results of the monitoring program are detailed in the monitoring report from BGC Engineering enclosed in Appendices D and E.

Monitoring results for station 159-4 demonstrated compliance with the effluent quality limits specified in the Water Licence.

Plans and Studies

No plans or studies were completed in 2022.

Unauthorized Discharges

No unauthorized discharges occurred at Nanisivik during 2022.

We 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,

Zied Tebaibi

Site Manager Langlois Mine



Appendices:

- Appendix A: Inuktitut translation of this letter
- Appendix B: 2022 Annual Geotechnical Inspection. BGC Engineering. February 28, 2023
- Appendix C: Inuktitut translation: Executive summary of 2022 Annual Geotechnical Inspection
- Appendix D: 2022 Water Quality Monitoring. BGC Engineering. March 15, 2023
- Appendix E: Inuktitut translation: Executive Summary of 2022 Water Quality Monitoring