

## **EXECUTIVE SUMMARY**

### **2021 Annual Report for Transport Canada Nunavut Water Board Licence No. 1BR-MDR2126: Iqaluit Former Metal Dump**

The 2021 Performance and Long-Term Monitoring (LTM) activities for the Iqaluit former metal dump took place on August 25, 2021, and were carried out by BluMetric Consulting on behalf of Transport Canada (TC) in accordance with the NWB licence requirements.

A visual inspection of the site was conducted, the landfill cap and drainage swales are working as planned. No areas of staining or seepage areas were observed in the vicinity of the landfill isolation cover; therefore, no seepage samples or soil samples were collected. A total of nine surface water samples and nine sediment samples, were collected at pre-determined locations located along the down-gradient drainage and pond system.

Zinc was found to exceed the environmental quality guidelines in only one surface water location.. A review of the data over time indicates that concentrations are decreasing overall in surface water. The sediment analytical results and exceedances to the applicable EQG were similar to findings in past years. TC will conduct sampling in accordance with the approved monitoring plan and NWB licence again next year.