

July 31, 2017

Nunavut Water Board
Licencing Department
PO Box 119
Gjoa Haven, Nunavut X0B 1J0

O/Ref.: QE17-100-11

Subject: Proposed Metals parameters concentration increased for 1BR-TH1722

Dear Nunavut Water Board:

➤ **Context**

Qikiqtaaluk Environmental Inc., using its actual treatment technology, has difficulties to reach the metals concentration parameters as stipulated in its actual NWB Licence. Following discussions with Mr. Justin Hack, Water Resource Officer with INAC, and Ms. Sonia Aredes, Technical Advisor with NWB, the following new concentrations were proposed to QE. These limits are extracted from existing NWB licences issued to companies working on similar type of activities (i.e. working on remediation).

➤ **New proposed concentrations**

Parameter	Maximum Allowable Concentration (µg/L)
pH	6 to 9 (pH units)
Oil and Grease	15 mg/L
Arsenic (total)	100
Cadmium (total)	10
Copper (total)	200
Lead (total)	50
Mercury (total)	0.6
Silver (total)	5.0
Zinc (total)	500
Benzene	370
Toluene	2
Ethylbenzene	90

These new concentrations should be more reachable than the actual ones and therefor QE would like these concentrations for the parameters mentioned above to be amended in its actual licence.

If you require additional information, please do not hesitate to contact us.

Best regards,



Signature
Benoît Dion

XX/XX/xx

Encl.

cc:



Signature
Olivier Simard