



Water Resources
Nunavut Regional Office
P.O. Box 100
Iqaluit, NU, X0A 0H0

November 7, 2016

INAC reference
CIDM# 1112222

NWB reference
#2BE-COP1416

Karén Kharatyan
A/Manager of Licencing
Nunavut Water Board
Gjoa Haven, NU, X0E 1J0

**Re: Indigenous and Northern Affairs Technical Review of Tundra Copper - Renewal
Application for Water Licence # 2BE-COP1416**

Dear Mr. Kharatyan,

Thank you for email received on October 4, 2016, from the Nunavut Water Board (NWB), concerning the above mentioned water licence application process.

A memorandum is provided for the consideration of the Nunavut Water Board. Comments have been provided pursuant to the Department's mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act*.

Please do not hesitate to contact me by telephone at 867-975-4568 or email at Lisa.Bachellier@aandc-aadnc.gc.ca for further comments or any questions.

Sincerely,

Lisa Bachellier
Water Resource Technician

c.c.: Scott Burgess, A/Manager Water Resources, Nunavut Regional Office (NRO),
Indigenous and Northern Affairs Canada (INAC)
Erik Allain, A/Manager of Field Operations, NRO, INAC



Technical Memorandum

Re: Indigenous and Northern Affairs Technical Review of Tundra Copper - Renewal Application for Water Licence # 2BE-COP1416

Applicant: Tundra Copper Corporation
Project: Renewal application Type 'B' Water licence
Region: Kitikmeot Region

A. BACKGROUND

On October 4, 2016 the Nunavut Water Board (NWB or Board) provided notification to interested parties that Tundra Copper Corporation had submitted a Type "B" water licence renewal application # 2BE-COP1416, for the Coppermine Project.

The applicant has requested a renewal License issued for their activities related to exploration that include prospecting, geological mapping, geophysical survey, and diamond drilling activities.

Interested parties were asked to review the water licence application and provide technical comments by November 4, 2016.

B. RESULTS OF REVIEW

INAC Water Resource Division submits the following comments/recommendations to the Nunavut Water Board for consideration:

1. Past inspection reports

Source:

1. 2BE-COP1416 INAC Inspection Report Tundra Copper Corp Hope Lake

Comment:

Upon reviewing past INAC inspection reports, the following points are noted from an inspection report dated August 13, 2016 referring to Part H of the current water licence:

- The camp appears to be inactive.
- Several of the structures are in disrepair.
- Fuel caches show signs of internal fuel and grease spill and the secondary containment appears to be failing.



- The secondary containment for the airfield fuel cache also shows signs of failure and contains a significant amount of fuel and grease contaminated water.

Recommendation 1:

INAC recommends the licensee comply with all current terms and conditions of their water licence. INAC also suggests that the licensee pay special attention to secondary containment of their fuel caches, and recommends the licensee perform regular inspection of the fuel caches even when the camp is inactive.

2. Licensee request

Source:

1. 2BE-COP1416 Water Licence Renewal Application Form Signed

Comment:

The licensee requested a renewal issuance of four years (until 2020). INAC is concerned with some of the comments noted on the current inspection report, dated August 13, 2016 regarding secondary containment of fuel caches and possible fuel spills.

Recommendation 2:

INAC recommends a renewal issuance of two years in order to give the licensee time to rectify the issues in the current inspection report.

3. Abandonment and Reclamation Plan

Source:

1. 2BE-COP1416 Abandonment and Reclamation Plan Tundra
2. 2BE-COP1416 New Licence

Comment:

Item 5 of the 'Camp Final Abandonment and Restoration Plan' states that "all wooden structures, including floors, will either be burned or removed".

Recommendation 3:

INAC recommends the licensee follow the general terms and conditions found in 'Part D: Conditions Applying to Waste Disposal' of the current water licence, if the licensee plans to burn any kind of material or waste during the abandonment process. and ensure that the ash and wastes resulting from the burning thereof are contained and controlled so as not to impact nearby water bodies.