



*Your file - Votre référence*  
2BE-ABP----

December 19, 2017

*Our file - Notre référence*  
IQALUIT-#1194685

Licensing Department  
Nunavut Water Board  
P.O. Box 119  
GJOA HAVEN, NU, X0B 1J0

*Sent via email:* [licensing@nwb-oen.ca](mailto:licensing@nwb-oen.ca)

**Re: Technical Review of New Water Licence Application (No. 2BE-ABP----) –  
Transition Metals Corporation**

To Nunavut Water Board,

Thank you for the Nunavut Water Board's November 15, 2017 notice of the above mentioned water licence application.

A memorandum is provided for the Nunavut Water Board's consideration. Comments and recommendations have been provided pursuant to Indigenous and Northern Affairs Canada's (INAC) 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 613 994 6772 or email at [ian.parsons@aandc-aadnc.gc.ca](mailto:ian.parsons@aandc-aadnc.gc.ca) for further information.

Sincerely,

Ian Parsons  
Regional Coordinator  
Water Resources Division  
Indigenous and Northern Affairs Canada  
P.O. Box 100  
Iqaluit, NU X0A 0H0

Encl.

Cc. Erik Allain, Director of Lands, INAC, NRO  
Christine Wilson, Water Resources Officer, Field Operations, INAC, NRO

Canada

# Memorandum

To: Licensing Department, Nunavut Water Board

Date: December 18, 2017

**Re: Technical Review of Amendment Application No. 2BE-ABP---- for the  
Arcadia Bay Project**

Applicant: Transition Metals Corporation  
Project: Arcadia Bay Project  
Region: Kitikmeot

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## Comments:

### A. Background

The Arcadia Bay Property is a gold mineral exploration property located within the Kitikmeot region of Nunavut. The Property is located on the shore of Arcadia Bay, on the Coronation Gulf, approximately 160 kilometres (km) east of Kugluktuk, 200 km west of Hope Bay, and 305 km southwest of Cambridge Bay.

The 2017 exploration program is anticipated to commence on approximately June 1st and it is anticipated to run for 60 days. A small 12 person temporary camp will be required to support the applicant's exploration activities. The camp infrastructure is expected to include 1 office tent, 3 sleeping tents, 1 first aid tent, 1 dry, 1 generator/storage shack, and 1 core logging/sample storage shack. The majority of the structures will be insulated Weatherhaven tents, or similar, with plywood floors. The personnel anticipated to be present during the 2017 exploration program include the program supervisor, cook/first aid attendant, helicopter pilot, helicopter engineer, drill contractor personnel (4), and geologists/field assistants (4).

It is estimated that the total water usage will be approximately 2m<sup>3</sup> per day for camp use and 40m<sup>3</sup> per day for drilling, totalling 42m<sup>3</sup>/day. It is anticipated that all supplies and equipment will be brought to the project area by air from Yellowknife, Cambridge Bay and/or Kugluktuk.

### B. Results of review

On behalf of INAC's Water Resources Division, the following comments and recommendations are provided for the NWB's consideration:

#### 1. Consultation

**Source:**

- 1) 2BE-ABP---- Water Licence Application

**Comment:** The Kitikmeot Inuit Association has stated that Transition Metals has met its consultation obligations based on prior discussions with the applicant. INAC appreciates that an agreement has been reached between the parties. INAC does not believe that this agreement absolves the applicant from its consultation duties. The department respects the transparent nature of the territories co-management process and is of the opinion that individuals and other organizations should still have a forum to let their voice be heard. This is best done through the water licence process.

**Recommendation 1:** INAC recommends that the NWB confirm that appropriate and adequate consultation has been done.

## **2. Barging Activities**

**Source:**

- 1) 2BE-ABP---- Water Licence Application

**Comment:** The applicant has mentioned the use of barging in its application documentation materials, however there are very few details relating to this activity.

**Recommendation 2:** INAC has read the application materials and has found the activity of barging mentioned in several documents. INAC recommends that the activity of barging should be more fully developed and that the description of this activity be contained in a single section of one document.

## **3. Contacts**

**Source**

- 1) 2BE-ABP - Water Licence Application

**Comment:** Contact personnel for INAC should be updated throughout applicable documentation.

**Recommendation 3:** INAC Employee, Eva Paul, Water Resources Officer Phone number (867) 669 2438 should be added.

## **4. Wastes**

**Source**

- 1) 2BE-ABP---- - Water Licence Application, Spill Contingency Plan, Waste Management Plan

**Comment:** The applicant has stated that all contaminated materials including soils will be stored in 205L drums/barrels.

Recommendation 4: INAC recommends that the applicant describe or explain what the contingency is for a larger spill where there may not be enough drums/barrels to store the contaminated material.