



## Application for Water Licence Renewal

Document Date: April 2013

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Month/Day/Year

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## DOCUMENT MANAGEMENT

Original Document Date: April 2010

### DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 7	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	New NWB logo and request for background information	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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## APPLICATION FOR WATER LICENCE RENEWAL

Your application may be classified as a **renewal** only if all operations remain the same as previously licensed and only the term of the license requires change. If your application contemplates:

- a change to the volume of water authorized for use;
- a new activity related to water use or waste disposal;
- a new component related to water use or waste disposal;
- a change in predicted environmental impacts(s); and/or
- a change to any term or condition of the original license

your application is **NOT** classified as a renewal but rather an amendment and will require submission of an Application for Water License Amendment. Licensees applying for combined renewal / amendment are also referred to the Application for Water License Amendment.

The applicant is referred to the NWB's Guide 7: *Licensee Requirements Following the Issuance of a Water License* for more information about this application form.

Where possible, provide background information regarding the original license application or attach previously submitted information.

EXISTING LICENCE NO: 2BE-COP1721

**1. LICENSEE CONTACT INFORMATION**

Is the licensee the same as that referred to on the existing license?

**X Yes** ☐ No

If No, a license assignment must be completed and approved by the NWB. **A renewal will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name: **Tundra Copper Corporation (a subsidiary of Kaizen Discovery Ltd.)**

Address: **654-999 Canada Place, Vancouver BC Canada**

Phone: **604 669-6446**

Fax: \_\_\_\_\_

e-mail: **info@kaizendiscovery.com** \_\_\_\_\_

**2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.**

Name: **Cathy Fitzgerald, Director, Resource Evaluation**

Address: **654-999 Canada Place, Vancouver, BC, Canada, V6C 3E1**

Phone: **604-961-1952** \_\_\_\_\_

Fax: \_\_\_\_\_

e-mail: **cathy@kaizendiscovery.com** \_\_\_\_\_

(Attach authorization letter.) **Attached – Item 2**

**3. NAME OF PROJECT**

Is the name of the project the same as that considered in the existing water license?

**X Yes** ☐ No

Indicate the name of the project including the name of the location: **Coppermine Project. Coppermine River Area, \_ Kugluktuk NT**

#### 4. LOCATION OF UNDERTAKING

Is the location of the undertaking the same as that considered in the existing water license?

**X Yes** ☐ No

##### Project Extents

NW:	Latitude: (67° 49' 05" N)	Longitude: ( 116° 41' 23" W)
NE:	Latitude: (67° 46' 57" N)	Longitude: ( 115° 1' 36" W)
SE:	Latitude: (67° 24' 29" N)	Longitude: (116° 46' 37" W)
SW:	Latitude: (67° 24' 39" N)	Longitude: (115° 12' 28" W)

##### Camp Location(s) - NONE

Latitude: (   °   '   " N)                      Longitude: (   °   '   " W)

#### 5. MAP

Are the locations of the main components of the undertaking the same as those considered in the existing license?

Yes, but the total land tenure size is now reduced.

**X Yes** ☐ No

Attach a topographical map, indicating the main components of the undertaking.

NTS Map Sheet No.: 086N08 and 086N05      Map Name: Figure 1\_\_      Map Scale: \_1:300,000\_\_\_\_\_

## 6. NATURE OF INTEREST IN THE LAND

Is the nature of the interest in the land the same as that considered in the existing water license?

☒ Yes ☐ No

Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

### Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☒ Mineral Lease from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: \_\_\_\_\_

Date of expiry: \_\_\_\_\_

1-Aug-2021
27-Oct-2021
17-Nov-2021
1-Aug-2022
17-Nov-2022

### Surface

☒ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: July 21 2015 Date of expiry: July 21, 2021

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ IOL Authorization from Kivalliq Inuit Association (KivIA)

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ Commissioner's Land Use Authorization

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ Other \_\_\_\_\_

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

Is the name of the entity(s) holding authorizations the same as that considered in the existing water license?

☒ Yes ☐ No

If No, a license assignment must be completed and approved by the NWB.

Name of entity(s) holding authorizations:

Tundra Copper Corporation \_\_\_\_\_

## 7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Is the undertaking located in the same land use planning area as that considered in the existing license?

☒ Yes ☐ No

Indicate the land use planning area in which the project is located.

☐ North Baffin  
☐ South Baffin  
☐ Akunnig

☐ Keewatin  
☐ Sanikiluaq  
☒ West Kitikmeot

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water license?

☐ Yes ☒ No

If Yes, indicate date issued and attach copy. \_\_\_\_\_

Does the proposed renewal change the original NPC conformity determination or the need to obtain one?

☐ Yes ☒ No

If Yes, indicate date issued (or expected) and attach a copy. \_\_\_\_\_

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

See attached Item 7

## 8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

☐ Yes ☒ No

If Yes, indicate date issued and attach copy. \_\_\_\_\_

Does the proposed renewal change the original NIRB screening determination or the need to obtain one?

☐ Yes ☒ No

If Yes, indicate date issued (or expected) and attach a copy. \_\_\_\_\_

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

See attached Item 7 and Item 8



## 9. DESCRIPTION OF UNDERTAKING

Is the description of the undertaking the same as that considered in the existing water license?

☒ Yes ☐ No

List and attach plans and drawings or project proposal.

See Item 9 and Figure 1

## 10. OPTIONS

Are the alternative methods and locations that were considered to carry out the project the same as those considered in the existing water license?

☒ Yes ☐ No

Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

No alternative methods or locations were considered to carry out the project.

## 11. CLASSIFICATION OF PRIMARY UNDERTAKING

Is the primary undertaking the same as that considered in the existing water licence?

☒ Yes ☐ No

Indicate the primary classification of undertaking by checking one of the following boxes.

- |  |  |
|--|--|
| <input type="checkbox"/> Industrial  | <input type="checkbox"/> Agricultural                    |
| <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps) |  |
| <input type="checkbox"/> Conservation  |  |
| <input type="checkbox"/> Municipal (includes camps/lodges)   | <input type="checkbox"/> Recreational                    |
| <input type="checkbox"/> Power   | <input type="checkbox"/> Miscellaneous (describe below): |

See Schedule II of the *Northwest Territories Waters Regulations* for Description of Undertakings.

## 12. WATER USE

Is the type(s) of water use(s) the same as that considered in the existing water licence?

☒ **Yes**    ☐ **No**

Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

☒ To obtain water for camp/ municipal purposes

☒ To obtain water for industrial purposes

☐ To cross a watercourse

☐ To alter the flow of, or store water

☐ Other: \_\_\_\_\_

☐ To divert a watercourse

☐ To modify the bed or bank of a watercourse

☐ Flood control

### 13. QUANTITY OF WATER INVOLVED

Is the source of water the same as that considered in the existing license?

**X Yes**

☐ No

Name of water source(s): unnamed creeks and ponds

Is the quality of the water source and its available capacity the same as that considered in the existing license?

**X Yes** ☐ No

Describe the quality of the water source(s) and the available capacity(s): Company personnel have not been able to determine water quality but it is presumed to be potable. The capacity is likely sufficient for drilling.

Is the overall estimated quantity of water to be used the same as that considered in the existing license?

**X Yes** ☐ No

Provide the overall estimated quantity of water to be used: water requirement will be less than 70 m<sup>3</sup>/day – up to 5 m<sup>3</sup>/day for drinking, and up to 65 m<sup>3</sup>/day for drilling m<sup>3</sup>/day

Are the quantity(s) of water to be used from each source the same as those considered in the existing license?

**X Yes** ☐ No

Provide the estimated quantity(s) of water to be used from each source:

unknown

Are the quantity(s) of water to be used for each purpose the same as those considered in the existing license?

**X Yes** ☐ No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.): 70m<sup>3</sup> per day or less for drinking and drilling

Are the method(s) of extraction the same as those considered in the existing license?

**X Yes** ☐ No

Describe the method(s) of extraction: small water pumps

Are the quantity(s) of water returned to source(s) the same as those considered in the existing license?

**X Yes** ☐ No

Estimated quantity(s) of water returned to source(s): no water will be directly discharged into water sources m<sup>3</sup>/day

Are the quality(s) of water(s) returned to source(s) the same as those considered in the existing license?

**X Yes** ☐ No

Describe the quality(s) of water(s) returned to source(s): The drilling water effluent will be collected in sumps to settle out into the sediment. The water will then percolate into the ground. There will be no discharge of camp or drill water into any watercourse.

**14. WASTE**

Are the type(s) of waste(s) to be generated and/ or deposited the same as those considered in the existing license?

**X Yes**   ☐ No

Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

**X Sewage**

**X Solid Waste**

☐ Hazardous

☐ Bulky Items/Scrap Metal

☐ Animal Waste

☐ Other (describe): \_\_\_\_\_

**X Waste oil**

**X Greywater**

**X Sludges**

☐ Contaminated soil and/or water

# 15. QUANTITY AND QUALITY OF WASTE INVOLVED

Are the quantity(s) of the types of wastes involved the same as those considered in the existing license?

☒ Yes ☐ No

Are the composition(s) of the types of wastes involved the same as those considered in the existing license?

☒ Yes ☐ No

Are the method(s) of treatment for the types of waste involved the same as those considered in the existing license?

☒ Yes ☐ No

Are the method(s) of disposal for the types of waste involved the same as those considered in the existing license?

☒ Yes ☐ No

For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Sewage	Sewage	0.005 m <sup>3</sup> /day	None	burial
Solid waste	Garbage	0.3 m <sup>3</sup> /day	None	Garbage burned, residue flown out. Compost buried.
Waste Oil	Motor and hydraulic oil	0.002 m <sup>3</sup> /day per 30 days	None	Flown out
Greywater	Greywater	0.5 m <sup>3</sup> /day	Settle in sump	buried
Sludges	Drill cuttings and water	50 m <sup>3</sup> /day	Sediment settle out in sump, water percolates into the ground	About 0.1 m <sup>3</sup> per hole sediment is buried after it settles out of the water

## 16. OTHER AUTHORIZATIONS

In addition to the sub-surface and surface land use authorizations provided in Block 6, are the same authorizations required as considered in the existing license?

☒ Yes ☐ No

For each provide the following:

Authorization: \_\_\_ Land Use Permit number N2015C0009

Administering Agency: CIRNAC

Project Activity: Prospecting, mapping, sampling, geophysics, drilling

Date (expected date) of issuance: July 21, 2015 Date of expiry: July 21, 2021

## 17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Are predicted environmental impacts of the undertaking and proposed mitigation measures the same as those considered in the existing water license?

☒ Yes ☐ No

Describe direct, indirect, and cumulative impacts related to water and waste.

There are no foreseen impacts to the water environment due to our exploration program and no waste discharged into any waterways.

## 18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Are the effects of the undertaking on any known persons or property including those that hold licences for water use in precedence to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature, the same as those considered in the existing water licence?

☒ Yes ☐ No

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licenses for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.

There are no other users of water in the area that we are aware of. We will be in a remote area.

**19. INUIT WATER RIGHTS**

Are the effects of the undertaking on the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL) the same as those considered in the existing water license?

☐ Yes **X No**

We have dropped our claims on IOL land and will have no work activities on or near IOL lands, and no impact to water on those lands.

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

**20. CONSULTATION** - Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.

None were held for the purposes of this renewal.

**21. SECURITY INFORMATION**

Is the financial security assessment the same as that considered in the existing water license?

**X Yes** ☐ No

Is the estimate of the total financial security for final reclamation the same as that considered in the existing water license?

**X Yes** ☐ No

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken.

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

There will be no outstanding liability at the end of the work program – this would be a very small drilling project.

## 22. FINANCIAL INFORMATION

Is the statement of financial security the same as that considered in the existing water license?

☒ **Yes**    ☐ **No**

**Provide an updated statement of financial security.**

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water license?

☐ **Yes**    ☒ **No**

Provide a list of the officers of the company.

Eric Finlayson, interm President and CEO, Tundra Copper and Parent Company Kaizen Discovery Ltd.  
Mark Gibson, COO, Tundra Copper and Parent Company Kaizen Discovery Ltd.

Is the Certificate of Incorporation or evidence of registration of the company name the same?

☒ **Yes**    ☐ **No**

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

**See Items 22a and 22b attached.**

## 23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

**No studies or additional work has been completed since 2017. However, I have attached the following:**

**See Item23b\_Wildlife Plan**

**See Item23c\_Spill contingency plan**

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

**There have been no inspectors reports associated with license 2BE-COP1721**

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.



## 24. PROPOSED TIME SCHEDULE

Is the time schedule for all phases of development (construction, operations, closure and post closure) the same as that considered in the existing license?

☐ Yes **X No**

Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

### Construction

Proposed Start Date: \_\_\_\_\_ Proposed Completion Date: \_\_\_\_\_  
(month/year) (month/year)

### Operation

Proposed Start Date: \_\_\_\_\_ Proposed Completion Date: \_\_\_\_\_  
(month/year) (month/year)

### Closure

Proposed Start Date: 07/2022 Proposed Completion Date: 09/2022  
(month/year) (month/year)

### Post - Closure

Proposed Start Date: \_\_\_\_\_ Proposed Completion Date: \_\_\_\_\_  
(month/year) (month/year)

For each applicable phase of development indicate which season(s) activities occur.

### Construction

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

### Operation

☐ Winter ☐ Spring **X Summer** **X Fall** ☐ All season

### Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

### Post - Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

The start date is only proposed. We intend to do no work on the property in 2021.

**25. PROPOSED TERM OF LICENCE**

On what date does the existing license expire? July 21, 2021

Indicate the proposed term of the renewal (maximum of 25 years): 5 years

Requested date of renewal issuance: July 20, 2021 Requested Expiry Date: July 20, 2026  
(month/year) (month/year)

(The requested date of renewal issuance must be at least three (3) months from the date of application for a type B water license and at least one (1) year from the date of application for a type A water license, to allow for processing of the water license application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water license application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water License Applications* for more information)

**26. ANNUAL REPORTING**

Is the annual report template expected to be the same as that considered in the existing license?

**X Yes**   ☐ No

If not using the NWB's Standardized Form for Annual Reporting, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

We will use the standardized form for annual reporting.

## 27. CHECKLIST

The following must be included with the application for renewal for the water licensing process to begin.

Completed Application for Water License Renewal form.

**X Yes** ☐ No If no, date expected \_\_\_\_\_

Updated plans, including designs and reports (see Block 23).

**X Yes** ☐ No If no, date expected \_\_\_\_\_

Updated security assessment (see Block 21).

**X Yes** ☐ No If no, date expected \_\_\_\_\_

Updated financial statement (see Block 22).

**X Yes** ☐ No If no, date expected \_\_\_\_\_

Compliance Assessment / Status Report (see Block 23).

☐ Yes **X No** If no, date expected \_\_\_\_\_ none undertaken \_\_\_\_\_

English Summary of Renewal Application.

**X Yes** ☐ No If no, date expected \_\_\_\_\_

Inuktitut and/or Inuinnaqtun Summary of Renewal Application.

☐ Yes **X No** If no, date expected \_\_\_\_\_

Application fee of \$30.00 CDN (Payee Receiver General for Canada).

**X Yes** ☐ No If no, date expected \_\_\_\_\_

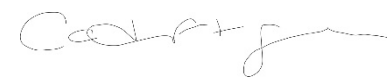
Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the license.

**X Yes** ☐ No If no, date expected \_\_\_\_\_

## 28. SIGNATURE

I, Cathy Fitzgerald (print name)

certify that the application requires no changes to water use or waste disposal as previously authorized and that the information given on this form is, to the best of my knowledge, correct and complete.



Signature

May 6, 2021  
Date