



## Application for Water Licence Amendment

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Month/Day/Year

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NUNAVUT WATER BOARD  
OFFICE DES EAUX DU NUNAVUT

## **DOCUMENT MANAGEMENT**

Original Document Date: April 2010

### **DOCUMENT AMENDMENTS**

	<b>Description</b>	<b>Date</b>
(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; request for background information; and change to Block 24	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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### APPLICATION FOR WATER LICENCE AMENDMENT

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

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

#### EXISTING LICENCE NO: 8BC-BTN1819

##### 1. LICENSEE CONTACT INFORMATION

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

Yes  No

If No, a licence assignment must be completed and approved by the NWB. **An amendment 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:

**City of Iqaluit**

Address:

**Box 460, Iqaluit, Nunavut**

**X0A 0H0**

Phone: **(867) 979-5600**

Fax: **(867) 979-5922**

e-mail: **M.Hamp@city.iqaluit.nu.ca**

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

Name: **Eric Shilts**

**Concentric Geoscience Inc.**

Address: **2327 St. Laurent Blvd., Suite 100**

**Ottawa, ON**

**K1G 4J8**

Phone: **613-824-8900**

Fax: **613-824-8901**

e-mail: **eric@concentricgeo.com**

(Attach authorization letter.)

### 3. NAME OF PROJECT

Has the name of the project changed?

Yes  No

If Yes, indicate the name of the project including the name of the location:

#### **4. LOCATION OF UNDERTAKING**

Does the proposed amendment change the location of the amended undertaking?

Yes  No

Provide the project extents and camp locations. Identify proposed changes.

## Project Extents

NW: Latitude: (63° 45' 21.8232" N)

Longitude: (68° 30' 17.8236" W)

NE: Latitude: (63° 45' 21.8232" N)

Longitude: (68° 26' 51.5364" W)

SE: Latitude: (63° 43' 49.2060" N)

Longitude: (68° 26' 51.5364" W)

2000-11-06

Environ Biol Fish (2008) 81:1–10

### Immunotherapy (8-10 "W")

5 MAP

Does the proposed amendment change the locations of any of the main components of the undertaking?

Yes  No

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

NTS Map Sheet No.: **Map Name:** **Map Scale:**

## 6. NATURE OF INTEREST IN THE LAND

Does the proposed amendment change the nature of the interest in the land?

Yes  No

If Yes, indicate changes. \_\_\_\_\_

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: \_\_\_\_\_

### Surface

Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)  
Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

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: **City of Iqaluit**

Date (expected date) of issuance: **July 5, 2019** Date of expiry: **July 4, 2020**

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

Yes  No

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

Name of entity(s) holding authorizations: **City of Iqaluit**

## 7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

<input type="checkbox"/> North Baffin	<input type="checkbox"/> Keewatin
<input checked="" type="checkbox"/> South Baffin	<input type="checkbox"/> Sanikiluaq
<input type="checkbox"/> Akunniq	<input type="checkbox"/> West Kitikmeot

Does the proposed amendment change the land use planning area?

Yes  No

If yes, indicate the land use planning area in which the amended undertaking is located.

<input type="checkbox"/> North Baffin	<input type="checkbox"/> Keewatin
<input type="checkbox"/> South Baffin	<input type="checkbox"/> Sanikiluaq
<input type="checkbox"/> Akunniq	<input type="checkbox"/> West Kitikmeot

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

Yes  No

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

Does the proposed amendment 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.

## 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 amendment 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.

## 9. DESCRIPTION OF UNDERTAKING

Does the proposed amendment change the description of the undertaking?

Yes  No

List and attach plans and drawings or project proposal. Identify proposed changes.

## 10. OPTIONS

Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?

Yes  No

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

## 11. CLASSIFICATION OF PRIMARY UNDERTAKING

Indicate the primary classification of undertaking for the existing licence by checking one of the following boxes:

Industrial

Agricultural

Mining and Milling (includes exploration/drilling/exploration camps)

Conservation

Municipal (includes camps/lodges)

Recreational

Power

Miscellaneous (describe below):

Does the proposed amendment change the classification of primary undertaking?

Yes  No

If Yes, indicate the primary undertaking of the amendment: \_\_\_\_\_

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated and submitted with an Application for Amendment. Indicate which SIG(s) are applicable to your application.

**N/A – None apply.**

Hydrostatic Testing

Tannery

Tourist / Remote Camp

Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil

Onshore Oil and Gas Exploration Drilling

Mineral Exploration / Remote Camp

Advanced Exploration

Mine Development

Municipal

General Water Works

Power

## 12. WATER USE

Indicate, using the boxes below, the types of water use(s) approved in the existing licence.

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

Does the proposed amendment change the type(s) of water use(s)?

Yes  No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water use(s) that are to be added, continued, or removed.

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

Does the proposed amendment change the source of water?  Yes  No

Indicate the water source(s). Identify proposed changes: **Addition of drainage stream from Lake Gerladine Dam outfall/overflow and secondary Apex River site. See map for location of work and scope of work to be completed.**

(show location(s) on map)

Does the proposed amendment change the quality of the water source and/or its available capacity?

Yes  No

Describe the quality of the water source(s) and the available capacity(s). Identify any changes: **N/A**

Does the proposed amendment change the overall quantity of water to be used?

Yes  No

Provide the overall estimated quantity to be used. Identify proposed changes: **0 m<sup>3</sup>/day**

Does the proposed amendment change the quantity of water to be used from each source?

Yes  No

Provide the estimated quantity(s) of water to be used from each source. Identify proposed changes: **N/A – No water to be extracted.**

Does the proposed amendment change the quantity of water to be used for each purpose?

Yes  No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.). Identify proposed changes:  
**N/A – No water to be extracted/used.**

Does the proposed amendment change the method(s) of extraction?

Yes  No

Describe the method(s) of extraction. Identify proposed changes: **N/A – No water to be extracted.**

Does the proposed amendment change the quantity(s) of water returned to source(s)?

Yes  No

Estimated quantity(s) of water returned to source(s). Identify proposed changes: **0 m<sup>3</sup>/day**

Does the proposed amendment change the quality(s) of water returned to source(s)?

Yes  No

Describe the quality(s) of water(s) returned to source(s). Identify any changes: **N/A – No water to be returned to source**

#### 14. WASTE

Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence.

<input type="checkbox"/> Sewage	<input type="checkbox"/> Waste oil
<input type="checkbox"/> Solid Waste	<input type="checkbox"/> Greywater
<input type="checkbox"/> Hazardous	<input type="checkbox"/> Sludges
<input type="checkbox"/> Bulky Items/Scrap Metal	<input type="checkbox"/> Contaminated soil and/or water
<input type="checkbox"/> Animal Waste	

Other (describe): **No waste expected to be generated.**

Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?

Yes  No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of waste(s) to be generated and/or deposited noting the addition, removal or continued generation and/or disposal of waste(s).

<input type="checkbox"/> Sewage	<input type="checkbox"/> Waste oil
<input type="checkbox"/> Solid Waste	<input type="checkbox"/> Greywater
<input type="checkbox"/> Hazardous	<input type="checkbox"/> Sludges
<input type="checkbox"/> Bulky Items/Scrap Metal	<input type="checkbox"/> Contaminated soil and/or water
<input type="checkbox"/> Animal Waste	
<input type="checkbox"/> Other (describe):	_____

**15. QUANTITY AND QUALITY OF WASTE INVOLVED**

Does the proposed amendment change the quantity(s) of the types of wastes involved?

Yes  No

Does the proposed amendment change the composition(s) of the types of wastes involved?

Yes  No

Does the proposed amendment change the method(s) of treatment for the types of waste involved?

Yes  No

Does the proposed amendment change the method(s) of disposal for the types of waste involved?

Yes  No

If Yes to any of the above, describe the proposed changes: \_\_\_\_\_

\_\_\_\_\_

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

## 16. OTHER AUTHORIZATIONS

Does the proposed amendment change the need for other authorizations in addition to the sub-surface and surface land use authorizations provided in Block 6?

Yes  No

If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.

For each provide the following:

Authorization: \_\_\_\_\_

Administering Agency: \_\_\_\_\_

Project Activity: \_\_\_\_\_

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

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

Does the proposed amendment change the predicted environmental impacts of the undertaking or the mitigation measures?

Yes  No

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

**The additional locations will maintain the same environmental monitoring, Environmental Protection Plan, and spill response plan as the original application.**

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

Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?

Yes  No

If Yes, provide the names, addresses and the nature of water use by those persons or properties.

Does the proposed amendment adversely affect 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?

Yes  No

If Yes, provide the names, addresses and the nature of water use of those persons or properties.

Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment. **N/A**

## 19. INUIT WATER RIGHTS

Was compensation paid/ or an agreement(s) for compensation been entered into with any Designated Inuit Organization (DIO) during consideration of the existing licence?

Yes  No

If Yes, which DIO(s) \_\_\_\_\_

Does the proposed amendment substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL)?

Yes  No

If Yes, 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 DIO(s) with respect to the proposed amendment.

## 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.

**N/A – In a letter dated May 16, 2019, the NPC determined that the amendment does not change the overall scope of the project. No additional screening by NPC or NIRB were required.**

## 21. SECURITY INFORMATION

Does the proposed amendment change the financial security assessment?

Yes  No

Does the proposed amendment change the estimate of the total financial security for final reclamation?

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. Identify any changes in the financial security assessment resulting from the proposed amendment.

**N/A – The City of Iqaluit is directly responsible for this project.**

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.

## 22. FINANCIAL INFORMATION

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

Yes  No

Provide an updated statement of financial security. **N/A – The City of Iqaluit is directly responsible for this project**

If the applicant is a business entity please answer the questions below: **N/A**

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

Yes  No

Provide a list of the officers of the company.

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.

## 23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

- ***Fish and Fish Habitat Assessment of the Niaqunguk (Apex) River, Lake Geraldine, and the Lake Geraldine Drainage Channel, September 2017, Nunami Stantec Limited, Prepared for the City of Iqaluit, Nunavut.***
- ***Screening Decision for Concentric Geoscience Inc.'s "Bridge to Nowhere – Repair to Abutments" Project Proposal, Qikiqtani (South Baffin) Region***

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.

**The City of Iqaluit has complied with the terms/conditions of license 8BC-BTN1819 to date.**

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**

When are proposed amendments scheduled to be undertaken: **July and August 2019**

Does the proposed amendment change the time schedule considered in the existing licence for any phase of development?

Yes  No

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

Construction

Proposed Start Date: **July/2019**  
(month/year) Proposed Completion Date: **August/2019**  
(month/year)

Operation

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

Closure

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

Post - Closure

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

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

Construction

Winter  Spring  Summer  Fall  All season

Operation

Winter  Spring  Summer  Fall  All season

Closure

Winter  Spring  Summer  Fall  All season

Post - Closure

Winter  Spring  Summer  Fall  All season

**25. PROPOSED TERM OF LICENCE**

On what date does the existing licence expire? **May 22, 2019**

Is the Licensee applying for a combined renewal and amendment of the existing licence?

Yes  No

If Yes, indicate the proposed term of the renewal (maximum of 25 years): **1 year**

Requested date of renewal issuance: **July/2019**  
(month/year) Requested Expiry Date: **July/2020**  
(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 licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence 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 licence 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 Licence Applications* for more information)

**26. ANNUAL REPORTING**

Will the proposed amendment change the content of annual reports or the annual report template?

Yes  No

If Yes, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

**Details of the additional two locations will be provided as part of the annual/post construction report. No change to the annual/post construction report template will be made.**

**27. CHECKLIST**

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

Completed Application for Water Licence Amendment form.

Yes  No If no, date expected \_\_\_\_\_

Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11)

Yes  No If no, date expected \_\_\_\_\_

Compliance Assessment / Status Report (see Block 23).

Yes  No If no, date expected \_\_\_\_\_

Indication of Renewal Requirement (see Block 26)

Yes  No If no, date expected \_\_\_\_\_

English Summary of Amendment Application.

Yes  No If no, date expected \_\_\_\_\_

Inuktitut and/or Inuinnaqtun Summary of Amendment Application.

Yes  No If no, date expected \_\_\_\_\_

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

Yes  No If no, date expected **June 24, 2019**

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 licence.

Yes  No If no, date expected \_\_\_\_\_

**28. SIGNATURE**

Eric Shilts

Director

June 17, 2019

Name (Print)

Title (Print)

Signature

Date



12 April 2018

Nunavut Water Board

Attention: Dave Baines, MSc, EP  
Technical Advisor

**Re: City of Iqaluit – Bridge to Nowhere – Repair to Abutments –**  
**NIRB File: 18XN0001**  
**NWB File: 8WLC-BTN**

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We have been informed by Concentric Engineering, who have been retained by the City to carry out the design works associated with the necessary repairs to the Road to Nowhere bridge structure in the City of Iqaluit, that this repair work, requiring work in, on or near the Niaqunguk (Apex) River, will require a Nunavut Water Board Type 'B' Water Licence.

Please accept this as our authority to have Concentric Engineering apply on behalf of the City of Iqaluit for this water licence.

Please be aware that until this repair work is completed, the bridge remains closed to public traffic. Your assistance in expediting the issuance of the necessary Type 'B' water licence is greatly appreciated so that the City can proceed with the repairs and expedite a return to service for this bridge.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

**Amy Elgersma**  
*Acting Chief Administrative Officer*  
*City of Iqaluit*  
*Box 460, Iqaluit, NU*  
*X0A 0H0*

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Box 460  
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