



P.O. Box 119

GJOA HAVEN, NU X0B 1J0  
TEL: (867) 360-6338  
FAX: (867) 360-6369

kNK5 wmoEp5 vtmp5

NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYIT  
OFFICE DES EAUX DU NUNAVUT

## APPLICATION FOR APPROVAL FOR THE USE OF WATER OR DEPOSIT OF WASTE WITHOUT A LICENCE

Refer to the Guide to the Approval for the Use of Water or Deposit of Waste Without a Licence (Guide) in completing this Application.

<b>APPLICATION NO:</b> (for NWB use only)		
<b>1. APPLICANT CONTACT INFORMATION</b> (name, address) Natasha Wodicka 601 Booth Street, Ottawa, ON K1A 0E8	<b>2. APPLICANT REPRESENTATIVE CONTACT INFORMATION</b> if different from Block 1 (name, address)  Phone: _____ Fax: _____ e-mail: _____ (Attach authorization letter)	
<b>3. NAME OF THE OWNER OF THE LAND THAT WILL BE USED IN RELATION TO THE WATER TO BE USED OR THE WASTE TO BE DEPOSITED</b> Camp will be set up on Crown Land		
<b>4. NAME OF PROJECT</b> (consistent with the name of the project issued by other regulatory agencies) TEHERY-WAGER GEOSCIENCE PROJECT (southwest of Wager Bay and north of Chesterfield Inlet)		
<b>5. LOCATION OF UNDERTAKING</b>		
<b>Project Extents (decimal degree format)</b>		
NW	Latitude: 65°50'00"N	Longitude: 93°00'00"W
NE	Latitude: 65°10'00"N	Longitude: 86°45'00"W
SE	Latitude: 64°00'00"N	Longitude: 88°00'00"W
SW	Latitude: 64°00'00"N	Longitude: 93°00'00"W

**Camp Location(s) (decimal degree format)**

Latitude: 65° 13' 46" N      Longitude: 91° 05' 36.70" W

**Name of the Water Management Area in which the Undertaking is located.** (Please see Appendix D of the Guide): Lorillard Watershed (#14)

**6. Previous Approvals or Licences Associated with Undertaking** ("Type A", "Type B" or Approval Without a Licence)

**NA or**

Previous Licence/Approval Number: **8WLC-TWG1516**

*The Board reminds the Applicant that as stated in s. 46 of the NWNSRTA, the expiry or cancellation of any previous licence does not relieve the holder from any outstanding obligations imposed under the licence.*

**7. CLASSIFICATION OF UNDERTAKING** - Indicate the classification of undertaking by checking one of the following boxes.

Industrial  
 Mining  
 Conservation  
 Municipal (camp)

Agricultural  
 Recreational  
 Power  
 Other:

See Appendix C of the Guide for descriptions of classifications of undertakings.

**8. DESCRIPTION OF UNDERTAKING AND EQUIPMENT USED** – Provide a brief description of the undertaking including a description of any equipment that will be used in using water or depositing waste.

The Tehery-Wager Geoscience Project, part of the Federal Government's Geo-Mapping for Energy and Minerals Program, is a collaborative effort between the Geological Survey of Canada, the Canada-Nunavut Geoscience Office, and universities. The primary objectives are to increase the geological knowledge of the area and identify locations with elevated economic potential. The project will provide modern geological interpretations required to reduce exploration risk and make appropriate land-use decisions. Support from local communities is vital as goods and service contracts for fuel caching, expediting, wildlife monitors, and groceries will be needed.

A temporary tent-based camp will be set up along the Lorillard River between ~June 20 and June 26, 2016. The camp will consist of a kitchen, cold storage, office, shower, and individual sleeping tents. Field work will be conducted out of the base camp between ~June 27 and July 29, 2016 and will be supported by one helicopter and supplied once a week by Turbo Otter. The camp site will be demobilized between July 29 and August 15, 2016. Following demobilization, the site will be thoroughly cleaned and restored, to the extent practicable, to the state in which it was before its use.

Water will be used for cooking, drinking, and personal cleanliness. It will be pumped from the Lorillard River once or twice daily using a small portable gasoline pump with a water intake hose equipped with a screen of appropriate mesh size to ensure that there is no entrapment of fish. Clean water will be stored in 45 gallon

plastic containers. On average, we expect to use between 300 L and 600 L of potable water per day. Greywater will be disposed of in pits that will be dug at least 35 m from the high water mark of any water body and covered with fill on an as-needed basis. Similarly, pits for sewage disposal will be dug at least 35 m from a water source and downstream/downslope from the potable water source.

**9. SCHEDULE** – Applicants are advised that approvals without a licence are issued for a one year term.

Proposed Start Date: 20 June 2016 Proposed Completion Date: 15 August 2016  
(Day/Month/Year) (Day/Month/Year)

**10. TYPE OF USE OF WATER WITHOUT A LICENCE PROPOSED** - Check the box that applies to the type of water use proposed. If none of the water uses listed below applies to the proposed water use, an application for a water licence will be required. See the NWB's Guide 4 – Completing and Submitting a Water Licence Application for a New Licence.

- For an undertaking other than a Power undertaking and for a use of water related to the construction of a structure across a watercourse that is less than 5 metres wide at the ordinary high water mark at the point of construction.
- For an undertaking other than a Power undertaking and for a use of water related to the training of an intermittent watercourse.
- For an undertaking other than a Power undertaking and for a use of water related to the training of a watercourse that is less than 5 metres wide at the ordinary high water mark at the point of training.
- For an undertaking other than a Power undertaking and for a use of water related to the training of a watercourse that involves the infilling of the watercourse, if the watercourse has no inflow or outflow and a surface area of less than 0.5 hectares.
- For an undertaking other than a Power undertaking and for a use of water related to the training of a watercourse that involves removal or placement of less than 100 m<sup>3</sup> of material.
- For an undertaking other than a Power undertaking and for a use of water related to the construction of a temporary structure in a watercourse for the purpose of flood control.
- For an undertaking other than a Power undertaking and for any use of water related to the storage of 2,500 m<sup>3</sup> or less.
- For an undertaking other than a Power undertaking and for any use of water less than 50 m<sup>3</sup> per day.

**11. QUANTITY AND QUALITY OF WATER INVOLVED** - For each type of water use indicated in Block 10, provide the source of water, the estimated quantity to be used in cubic metres per day, and the periods during which water will be extracted.

Type of Water Use indicated in Block 10	Name of water source	Estimated quantity of water to be used in cubic metres per day	Periods during which water will be extracted
For camp purposes	Lorillard River	<5 m <sup>3</sup> per day	~June 20 – August 15, 2016

**12. TYPE OF DEPOSIT OF WASTE PROPOSED** - Check the box that applies to the type of deposit of waste proposed. If none of the deposits of waste listed below apply to the proposed deposit of waste, an application for a water licence will be required. See the NWB's Guide 4 – Completing and Submitting a Water Licence Application for a New Licence.

- For an Industrial undertaking, for an activity related to hydrostatic testing or cleaning of storage tanks and pipelines, and for any deposit of waste resulting from hydrostatic testing or cleaning of unused storage tanks or pipelines.
- For an Industrial undertaking, for an activity related to quarrying and gravel washing, and for any deposit of waste that is not deposited to surface water and that results from quarrying or gravel washing above the ordinary high water mark.
- For a Mining undertaking, for an activity related to exploratory work, any deposit of sewage to a sump.
- For a Power undertaking, any deposit of sewage to a sump.
- For an Agricultural undertaking, any deposit of sewage to a sump.
- For a Conservation undertaking, any deposit of sewage to a sump.
- For a Recreation undertaking, any deposit of sewage to a sump.
- For any Other type of undertaking not listed above, other than Municipal, any deposit of sewage to a sump.

**13. QUANTITY AND QUALITY OF WASTE INVOLVED** – For each type of waste indicated in Block 12, describe the quantity in cubic metres/day, measures to avoid or mitigate adverse impacts, and periods of deposition.

Type of Waste indicated in Block 12	Quantity to be deposited in cubic metres per day	Measures to avoid or mitigate any adverse impacts	Periods during which waste will be deposited
Domestic (grey water)	<0.5 m <sup>3</sup> per day	Holes will be dug in the ground at least 35 m from any water source; holes will be filled in as necessary.	~June 20 – August 15, 2016
Sewage	<0.1 m <sup>3</sup> per day	Holes will be dug in the ground at least 35 m from any water source	~June 20 – August 15, 2016
Other (non-combustible waste)	<0.5 m <sup>3</sup> per day	To be shipped out of camp and disposed of at the local municipal waste facility in Baker Lake	~June 20 – August 15, 2016

**14. SIGNATURE**

I, \_\_\_\_\_ Natasha Wodicka \_\_\_\_\_ (print name), certify that the information given on this form is, to the best of my knowledge, correct and complete.

Yes

No

**OR**

I, \_\_\_\_\_ (print name), as an authorized representative of the Applicant, \_\_\_\_\_, certify that the information given on this form is, to the best of my knowledge, correct and complete.

Yes

No

I certify that the Nunavut Planning Commission's land use planning requirements under Article 11 of the Nunavut Land Claims Agreement have been met.

Yes

No

I certify that the Nunavut Impact Review Board's development impact review requirements under Article 12 of the NLCA have been met.

Yes

No

I certify that the proposed water use is of a type set out in column 2 of Schedule 2 of the Regulations that is further specified by column 3, in respect of an undertaking set out in column 1. See list in Block 10.

Yes

NA

No

I certify that the proposed deposit of waste is an activity that is set out and then further specified in columns 2 and 3 of Schedule 3 of the Regulations, in respect of an undertaking that is set out in column 1 of Schedule 3. See list in Block 12.

Yes

NA

No

I certify that the proposed water use or deposit of waste will not substantially affect the quality, quantity or flow of the watercourse whose waters are used.

Yes

No

I certify that the proposed water use or deposit of waste will not substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Lands.

Yes

No

I certify that the proposed water use or deposit of waste will not affect the use of waters by a person who would be entitled to compensation under sections 58 or 60 of the *Nunavut Waters Nunavut Surface Rights Tribunal Act* (Act) if their use of these waters were to be adversely affected by an applicant for a licence.

Yes

No

I certify that a licence is not required for another use of water, or deposit of waste in respect of the proposed undertaking.

Yes

No

I have read and agree to comply with the following conditions outlined in sections 4(3), 5(4), 5(5) and 6 of the *Nunavut Waters Regulations*:

1. In the case of an applicant who has a mineral right and who intends to use waters or deposit waste in relation to that right, the applicant shall respect the priority conferred on Inuit by section 62 of the *Act* as if that applicant had a licence for the use or deposit.
2. Measures must be taken prior to using water to minimize any alteration to the bed or banks of a watercourse whose waters are to be used, and the measures shall be maintained during the operation of the undertaking.
3. No waste is to be deposited to surface water or within 31 metres of the ordinary high water mark of any body of water.
4. The waste shall not contain more than 15 milligrams per litre of petroleum or petroleum product and must not have a visible hydrocarbon sheen.
5. Prior to the closure or abandonment of the undertaking or end of the period authorized for the use of water or deposit of waste without a licence, whichever occurs first, the site shall be restored — to the extent practicable — to the state in which it was before the water was used or the waste was deposited.<sup>a</sup>
6. An applicant who is authorized under the *Regulations* to use waters or deposit waste without a licence shall:
  - a. maintain accurate and detailed books and records of:
    - i. the quantity of water, in cubic metres, used each day,
    - ii. the quantity, in cubic metres, of waste deposited each day,
    - iii. the type of waste deposited each day,
    - iv. where the waste is deposited,
    - v. the concentration of the substance, or substances, in the deposited solid or liquid that has the effect of making the deposit waste,
    - vi. the methodology used to calculate or determine the information referred to in items (i) to (iv), and
    - vii. the measures that were taken to avoid or mitigate any adverse impacts of the deposit of waste.
  - b. keep the books and records on the site of the undertaking during the period of its operation and make them available during that period to an inspector on request;
  - c. submit to the Board a report containing a summary description and supporting photographs of the restoration of the site of the undertaking within 30 days after the earliest of (i) the day on which the undertaking is closed or abandoned, and (ii) the last day of the period authorized for the use or deposit without a licence;<sup>b</sup> and
  - d. keep the books and records for two years after submitting the report describing the restoration of the site of the undertaking.

Notes:

- a) A site need not be restored prior to the end of the period authorized for the water use or deposit of waste without a licence, as required by Item 5, if the Board issues a licence for the use of water or deposit of waste on that site prior to the end of that period.

b) An applicant need not submit the report referred to in Item 6 (c), to the Board if the applicant obtains the Board's approval for a use of water or deposit of waste without a licence, or a licence for a use of water or deposit of waste, on the same site within thirty (30) days after the last day of the period authorized for the use or deposit.

Yes

No

I understand that any approval granted by the Board for the use of water or deposit of waste without a licence will be authorized for a period of one year after the day on which the Board approves the Application. The use or deposit is not authorized until the Board approves the Application and it is only valid as long as the applicant is in compliance with the conditions set out in the declaration above.

Yes

No

I understand that if I have answered "No" to any of the above statements a water licence is required from the Nunavut Water Board prior to the use of water or deposit of waste.

Yes

No

<b>Natasha Wodicka</b>	<b>Research Scientist</b>	<i>Natasha Wodicka</i>	<b>May 13, 2016</b>
<b>Name (Print)</b>	<b>Title (Print)</b>	<b>Signature</b>	<b>Date</b>