



General Water Licence Application
(Application for a new Water Licence)

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Application Submission Date:

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 4	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	Update NWB logo	April 2013
(4)		
(5)		
(6)		
(7)		
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(9)		
(10)		



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GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: *Guide to Completing and Submitting a Water Licence Application for a New Licence* for more information about this application form.

LICENCE NO: (for NWB use only)													
1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address) Nunavut Excavating 2007 Inc. 1825 Federal Road, P.O.Box 1984, Iqaluit, NU X0A 0H0 Phone: 867-975-3320 Fax: 867-975-3321 e-mail: nunavutexcavating@northwestel.net	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) Phone: _____ Fax: _____ e-mail: _____ (Attach authorization letter.)												
3. NAME OF PROJECT (including the name of the project location) Soil & Water Treatment Facility – Cambridge Bay													
4. LOCATION OF UNDERTAKING Project Extents <table> <tr> <td>NW:</td> <td>Latitude: (69° 07' 40.5624" N)</td> <td>Longitude: (105° 02' 54.0847" W)</td> </tr> <tr> <td>NE:</td> <td>Latitude: (69° 07' 41.6604" N)</td> <td>Longitude: (105° 02' 44.0280" W)</td> </tr> <tr> <td>SE:</td> <td>Latitude: (69° 07' 39.2088" N)</td> <td>Longitude: (105° 02' 44.0229" W)</td> </tr> <tr> <td>SW:</td> <td>Latitude: (69° 07' 37.7076" N)</td> <td>Longitude: (105° 02' 54.0847" W)</td> </tr> </table> Camp Location(s) None Latitude: (° ' " N) Longitude: (° ' " W)		NW:	Latitude: (69° 07' 40.5624" N)	Longitude: (105° 02' 54.0847" W)	NE:	Latitude: (69° 07' 41.6604" N)	Longitude: (105° 02' 44.0280" W)	SE:	Latitude: (69° 07' 39.2088" N)	Longitude: (105° 02' 44.0229" W)	SW:	Latitude: (69° 07' 37.7076" N)	Longitude: (105° 02' 54.0847" W)
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5. MAP - Attach a topographical map, indicating the main components of the undertaking. Attached NTS Map Sheet No.: _____ Map Name: _____ Map Scale: _____													

6. NATURE OF INTEREST IN THE LAND - 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: **The Hamlet of Cambridge Bay Municipal Land Lease**

Date (expected date) of issuance: **2019-05** Date of expiry: _____

Name of entity(s) holding authorizations: **The Hamlet of Cambridge Bay**

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

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

Is a land use plan conformity determination required?

☐ Yes ☒ No

If Yes, indicate date issued and attach 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

Is an Article 12 Part 4 screening determination required?

☒ Yes

☐ No

If Yes, indicate date issued and attach copy **2018-09-14**

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

9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.
1-Cambridge Bay SWTF Site Plan. 2-Cambridge Bay SWTF Concept. 3-Emergency Response Plan. 4-Enviro Protection Plan. 5-Operations & Maintenance Plan. 6-Spill Contingency Plan. 7- Waste Mgmt Plan.

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

Current location was assigned by the Hamlet of Cambridge Bay, it is located in the industrial area, near the landfill. This is the only location possible according to zoning plan.

11. CLASSIFICATION OF PRIMARY UNDERTAKING - Indicate the primary classification of undertaking 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):

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings. Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.

☐ 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 - 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 divert a watercourse

☐ To cross a watercourse

☐ To modify the bed or bank of a watercourse

☐ To alter the flow of, or store water

☐ Flood control

☒ Other: **Disposal of treated water to the environment, or ground water.**

- 13. QUANTITY AND QUALITY OF WATER INVOLVED** - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source.

Name of water source(s) (show location(s) on map):

Fuel Impacted water or snow will be collected from the community if exists for treatment, estimated quantity 250 cu.m per year.

Describe the quality of the water source(s) and the available capacity: **As above Fuel contaminated water will be collected for treatment, estimated capacity to be 800 cu.m per year.**

Provide the overall estimated quantity of water to be used: **0 m³/day fresh water will be used for operation.**

Provide the estimated quantity(s) of water to be used from each source: **0**

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.) **0**
No camp or drilling is needed

Describe the method of extraction(s):

Estimated quantity(s) of water returned to source(s) **250 m³/year of treated water will be partly used to increase moisture of the soil, or safely released to the ground water.**

Describe the quality of water(s) returned to source(s): **Water will be treated to the approved limits which meet the Environmental regulations, before being disposed to the environment (after testing to confirm quality). Water which cannot be treated successfully on site will be shipped to an approved facility for further treatment.**

- 14. WASTE** – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

- | | |
|--|---|
| <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 | |

X Other (describe): Treated Soil and Treated water to the approved limits.

- 15. QUANTITY AND QUALITY OF WASTE INVOLVED** – 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
Treated Soil	Soil	800 cu.m	Bioremediation	Send to Landfill
Treated water	water	250 cu.m	Package treatment plant	Release to Ground water

- 16. OTHER AUTHORIZATIONS** – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following:

Authorization: None

Administering Agency: _____

Project Activity: _____

Date (expected date) of issuance: _____ Date of expiry: _____

- 17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** - Describe direct, indirect, and cumulative impacts related to water and waste.

The Facility is proposed for construction and operation in an existing industrial area. No land clearing will occur nor will any disturbance to the surrounding lands. Any waste generated on site will be managed in accordance with the Cambridge Bay Soil and Water Treatment Facility Waste Management Plan, including appropriate containment and disposal, thus minimizing the potential to attract wildlife. Accordingly, the Facility is expected to have no impacts on vegetation or terrestrial wildlife in the vicinity of the project area.

Baseline soil and groundwater sampling program is planned to occur prior to Facility operation to document existing material quality. The existing and planned facility both possess an engineered liner. Routine liner and facility inspections, and in the event of a tear, immediate liner repair, will occur. At the time of closure or lease transfer, soil sampling will occur to document material quality and to confirm that there are no existing or ongoing impacts from the Facility on soil quality. Accordingly, impacts to soil quality in the project area are considered to be negligible.

- 18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER**

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 licences 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. **None**

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users. **None**

- 19. INUIT WATER RIGHTS**

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). **None**

20.	<p>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.</p> <p style="color: blue;">None</p>																
21.	<p>SECURITY INFORMATION</p> <p>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. <u>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.</u> The estimate must also include contingency factors appropriate to the particular work to be undertaken.</p> <p>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 <i>Mine Site Reclamation Policy for Nunavut</i>, Indian and Northern Affairs Canada, 2002.</p>																
22.	<p>FINANCIAL INFORMATION</p> <p>Provide a statement of financial responsibility. Attached</p> <p>If the applicant is a business entity, provide a list of the officers of the company. Glen Molloy,</p> <p>If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name. Attached</p>																
23.	<p>STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc.</p> <p style="color: blue;">1-Cambridge Bay SWTF Site Plan. 2-Cambridge Bay SWTF Concept. 3-Emergency Response Plan. 4-Enviro Protection Plan. 5-Operations & Maintenance Plan. 6-Spill Contingency Plan. 7- Waste Mgmt Plan.</p>																
24.	<p>PROPOSED TIME SCHEDULE – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).</p> <table style="width: 100%; border: none;"> <tr> <td colspan="2"><u>Construction</u></td> </tr> <tr> <td style="width: 50%;">Proposed Start Date: July, 2019 (month/year)</td> <td style="width: 50%;">Proposed Completion Date: August, 2019 (month/year)</td> </tr> <tr> <td colspan="2"><u>Operation</u></td> </tr> <tr> <td>Proposed Start Date: September, 2019 (month/year)</td> <td>Proposed Completion Date: October, 2024 (month/year)</td> </tr> <tr> <td colspan="2"><u>Closure</u></td> </tr> <tr> <td>Proposed Start Date: N.A. _____ (month/year)</td> <td>Proposed Completion Date: N.A. _____ (month/year)</td> </tr> <tr> <td colspan="2"><u>Post - Closure</u></td> </tr> <tr> <td>Proposed Start Date: N.A. _____ (month/year)</td> <td>Proposed Completion Date: N.A. _____ (month/year)</td> </tr> </table> <p>For each applicable phase of development indicate which season(s) activities occur.</p> <p><u>Construction</u></p> <p> <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input checked="" type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> All season </p>	<u>Construction</u>		Proposed Start Date: July, 2019 (month/year)	Proposed Completion Date: August, 2019 (month/year)	<u>Operation</u>		Proposed Start Date: September, 2019 (month/year)	Proposed Completion Date: October, 2024 (month/year)	<u>Closure</u>		Proposed Start Date: N.A. _____ (month/year)	Proposed Completion Date: N.A. _____ (month/year)	<u>Post - Closure</u>		Proposed Start Date: N.A. _____ (month/year)	Proposed Completion Date: N.A. _____ (month/year)
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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

Number of years (maximum of 25 years): **5** years

Requested Date of Issuance: **April, 2019** Requested Expiry Date: **October, 2024**
(month/year) (month/year)

(The requested date of 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 – 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.

Will use NWB's Standardized Form for Annual Reporting,

27. CHECKLIST – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

X Yes ☐ No If no, date expected _____

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

X Yes ☐ No If no, date expected _____

Completed General Water Licence Application form.

X Yes ☐ No If no, date expected _____

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

X Yes ☐ No If no, date expected _____

English Summary of Application.

X Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

X Yes ☐ 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 licence.

X Yes ☐ No If no, date expected _____

28. SIGNATURE

Glen Molloy	Manager		24/01/ 2019
Name (Print)	Title (Print)	Signature	Date