



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

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OFFICE DES EAUX DU NUNAVUT

## DOCUMENT MANAGEMENT

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### 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)		
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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.

<b>LICENCE NO:</b> (for NWB use only)	
<b>1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION</b> (name, address) David Wilson, Stantec 1331 Clyde Avenue, Suite 400 Ottawa, Ontario K2C 3G4  Phone: (613) 738-6090 Fax: (613) 722-4420 e-mail: David.Wilson@stantec.com	<b>2. APPLICANT REPRESENTATIVE CONTACT INFORMATION</b> if different from Block 1 (name, address) Julie Ross, Golder Associates Ltd. 16820-107 Avenue Edmonton, AB T5P 4C3  Phone: (780) 930-8630 Fax: (780) 483-1574 e-mail: Julie_Ross@golder.com (Attach authorization letter.)
<b>3. NAME OF PROJECT</b> (including the name of the project location) Bathurst Island Remediation - Phase III Environmental Site Assessment	
<b>4. LOCATION OF UNDERTAKING</b>  <b>Project Extents</b>  NW: Latitude: (76 ° 32' 2 " N) Longitude: ( 105° 22' 31 " W) NE: Latitude: (76° 32' 2 " N) Longitude: ( 97° 31' 7" W) SE: Latitude: (75 ° 0 ' 13 " N) Longitude: ( 97° 31' 7" W) SW: Latitude: (75 ° 0 ' 13 " N) Longitude: ( 105° 22' 31 " W)  <b>Camp Location(s)</b> Latitude: ( 76° 08' 20" N) Longitude: ( 104° 3 42" W) Latitude: ( 76° 19' 35" N) Longitude: ( 104° 4' 35" W)	
<b>5. MAP</b> - Attach a topographical map, indicating the main components of the undertaking.  NTS Map Sheet No.: 69A,69B,68G,68H,79A Map Name: Penny Strait, Helena Island, Graham Moor Bay, McDougall South, Domett Point Map Scale: 1:1000 000 m	

- 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**

X Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)  
Date (expected date) of issuance: (07/15/2013) 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: \_\_\_\_\_

X Other: Nunavut Archaeologists Permit, Canadian Wildlife Services, NRI  
Date (expected date) of issuance: 07/15/2013 Date of expiry: \_\_\_\_\_

Name of entity(s) holding authorizations:

Julie Ross and Brent Murphy will hold the archaeology permits and David Wilson and Rob McCullough will hold permits for Stantec

**7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION**

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

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

Is a land use plan conformity determination required?

X 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.

Waiting for conformity response.

**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 CWS has forward their application to NIRB, we hope to have our Screening decision prior to the middle of July

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.**

Please see attached

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

Please see attached

**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: \_\_\_\_\_

- 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):

TBD, the camp water source will be from one of the unnamed lakes adjacent to one of the proposed camp locations

Describe the quality of the water source(s) and the available capacity: TBD

Provide the overall estimated quantity of water to be used: 2 m<sup>3</sup>/day

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

2 m<sup>3</sup>/d

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.)

Water will only be used for camp activities (cooking and cleaning) 2 m<sup>3</sup>/d

Describe the method of extraction(s):

A helicopter will sling a soft bladder and extract water from a lake .

Estimated quantity(s) of water returned to source(s) 0 m<sup>3</sup>/day

Describe the quality of water(s) returned to source(s): \_\_\_\_\_

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

☒ Sewage

☒ Solid Waste

☒ Hazardous

☐ Bulky Items/Scrap Metal

☐ Animal Waste

☒ Other (describe):

Methonal

☒ Waste oil

☒ Greywater

☐ Sludges

☐ Contaminated soil and/or water

- 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
Sewage	Raw sewage	15 people for ~30 days	Solidified and back hauled	Back hauled to Resolute
Greywater	Domestic Waste water from cooking, washing	Greywater generated will equal to extraction 2 m <sup>3</sup> a day	All soaps and cleaners used in camp will be non-toxic and biodegradable	All grey water will be directed to a sump or natural depression at a minimum of 30 m from any water body

Solid waste (combustible)	Combustible solid waste, paper products, paperboard packaging, untreated wood, food wastes and food packaging waste, paper	15 people for ~30 days	Stored	Back hauled to Resolute
Non-combustible	Non-combustible waste including bulky items/scrap metal	It is anticipated that very little will be generated, fuel barrels will be back hauled 36 on site at any time	Storage	Back hauled to Resolute
Oil, preservative or fuel spills		Generation of hazardous waste is not anticipated.	Hazardous material will be removed from site.	Package and ship/arrange for shipment south for disposal

**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: CWS, NAP

Administering Agency: Canadian Wildlife Services, Department of Culture and Heritage

Project Activity: Assessment of APEC within Polar Bear Pass, Archaeological Impact Assessment of the 5 primary sites consisting of 13 APEC plus 5 additional APEC beyond the 5 primary areas.

Date (expected date) of issuance: (7/15/2013) Date of expiry: 08/30/2014

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

Please see attached

**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.

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

Please see attached

**19. INUIT WATER RIGHTS**

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through

<p>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).</p> <p>Please see attached</p>
<p><b>20. CONSULTATION</b> – 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>Please see attached</p>
<p><b>21. SECURITY INFORMATION</b></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> <p>Please see attached</p>
<p><b>22. FINANCIAL INFORMATION</b></p> <p>Provide a statement of financial responsibility.</p> <p>If the applicant is a business entity, provide a list of the officers of the company.</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.</p> <p>Please see attached</p>
<p><b>23. STUDIES UNDERTAKEN TO DATE</b> - List and attach copies of studies, reports, research, etc.</p> <p>WESA 2011 Integrated Phase I and Phase II Environmental Site Assessment NB014 Bent Horn Project (Cameron Island) Manuscript on file Aboriginal Affairs and Northern Development Canada Contaminated Sites Directorate Iqaluit, Nunavut</p> <p>WESA 2011 Integrated Phase I and Phase II Environmental Site Assessment NB010 Bathurst Island (Humphries Hill) Manuscript on file Aboriginal Affairs and Northern Development Canada Contaminated Sites Directorate Iqaluit, Nunavut</p> <p>WESA 2007 Integrated Phase I and Phase II Environmental Site Assessment NB038 Ile Vanier Manuscript on file Aboriginal Affairs and Northern Development Canada Contaminated Sites Directorate Iqaluit, Nunavut</p> <p>WESA 2011 Integrated Phase I and Phase II Environmental Site Assessment Stokes Range. Manuscript on file Aboriginal Affairs and Northern Development Canada Contaminated Sites Directorate Iqaluit, Nunavut</p>



**24. PROPOSED TIME SCHEDULE** – 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: 7/15/2013 Proposed Completion Date: 8/30/2014  
(month/year) (month/year)

Closure

Proposed Start Date: 8/30/2014 Proposed Completion Date: 8/30/2014  
(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 ☒ 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): 2 years

Requested Date of Issuance: 7/15/2013 Requested Expiry Date: 8/30/2014  
(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.

The standard NWB format will be followed.

**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.

☐ Yes ☒ No If no, date expected 05/8/2013

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

☐ Yes ☒ No If no, date expected 05/30/2013

Completed General Water Licence Application form.

☒ Yes ☐ No If no, date expected

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

☒ Yes ☐ No If no, date expected

English Summary of Application.

☒ Yes ☐ No If no, date expected

Inuktitut and/or Inuinnaqtun Summary of Application.

☒ Yes ☐ No If no, date expected 05/8/2013

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

☐ Yes ☒ No If no, date expected 05/8/2013

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 05/8/2013

**28. SIGNATURE**

David Wilson

Associate, Senior Project  
Manager

02/05/2013

**Name (Print)**

**Title (Print)**

**Signature**

**Date**