



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

April 2010

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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

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DOCUMENT AMENDMENTS

	Description	Date
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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) Phone: <u>Jennie Rausch</u> Fax: <u>(867) 873-6776</u> e-mail: <u>jennie.rausch@ec.gc.ca</u>	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) Arctic Shorebird Monitoring Program 2011 – Prince of Wales Island, Nunavut	
4. LOCATION OF UNDERTAKING Project Extents NW: Latitude: (75° 43 ' 00" N) Longitude: (103° 00' 00" W) NE: Latitude: (75° 43 ' 00" N) Longitude: (93° 25' 00" W) SE: Latitude: (71° 15' 00" N) Longitude: (93° 25' 00" W) SW: Latitude: (71° 15' 00" N) Longitude: (103° 00' 00" W) Camp Location(s) Latitude: (73 ° 5 ' 00 " N) Longitude: (99 ° 9 ' 00 " W)	
5. MAP - Attach a topographical map, indicating the main components of the undertaking. NTS Map Sheet No.: <u>68D</u> Map Name: _____ Map Scale: <u>1:50:000</u>	

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: May 2011 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: May 2011 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: _____

Name of entity(s) holding authorizations:

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

- | | |
|--|--|
| <input checked="" 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 in process

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 _ This will fall under our previous NIRB 05AN070; 08YN017. Please see attached email._

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.

See attached Detailed Summary

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

11. CLASSIFICATION OF PRIMARY UNDERTAKING - Indicate the primary classification of undertaking by checking one of the following boxes.

- | | |
|---|--|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps) | |
| <input checked="" 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 *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.

- | | |
|---|---|
| <input type="checkbox"/> To obtain water for camp/ municipal purposes | |
| <input type="checkbox"/> To obtain water for industrial purposes | <input type="checkbox"/> To divert a watercourse |
| <input type="checkbox"/> To cross a watercourse | <input type="checkbox"/> To modify the bed or bank of a watercourse |
| <input type="checkbox"/> To alter the flow of, or store water | <input type="checkbox"/> Flood control |
| <input checked="" type="checkbox"/> Other: <u>drinking, bathing, cooking and cleaning</u> | |

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):

Forsyth Lake (see project map)

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

Provide the overall estimated quantity of water to be used: 0.176 m³/day

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

0.176 m³/day

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

0.176 m³/day for camp

Describe the method of extraction(s): manually retrieved with buckets

Estimated quantity(s) of water returned to source(s) 0 m³/day

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

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): _____

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	Liquid/solid	Up to 5 large garbage bags total		Collected in bags (see questionnaire for details)
Greywater	Liquid	10 L per day	Treated with an environmentally friendly lime substitute	Disposed of at least 100 m away from water sources
Solid Waste	Solid	Up to 5 large garbage bags		Collected and disposed of in Resolute Bay

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: IOL Land Use Exemption Permits for Kitikmeot and Qikiqtaaluk regions,

Administering Agency: Kitikmeot Inuit Association and Qikiqtani Inuit Association

Project Activity: Access to Inuit Owned Lands for shorebird surveys

Date (expected date) of issuance: June 2011 Date of expiry: August 2011

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

We have a 'leave no trace' camp policy and do not intend there to be any impacts. Water use will be negligible.

18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER

Our use of water is very small, the same as any other person camping on the land. No one will be adversely affected by our shorebird surveys and camp.

19. INUIT WATER RIGHTS

Our use of water is very small, the same as any other person camping on the land. No one will be adversely affected by our shorebird surveys and camp.

20.	CONSULTATION
Both the Resolute Bay and Taloyoak Hunters and Trappers Organizations have been contacted with the details of the project. No concerns have been expressed thus far.	
21.	SECURITY INFORMATION
Not applicable.	
22.	FINANCIAL INFORMATION
Not applicable.	
23.	STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc.
See attached project summaries: Arviat and Baker Lake 2008 Summary, Queen Maud Gulf 2006 Summary, and King William and Victoria Island 2010 Summary	
24.	PROPOSED TIME SCHEDULE – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).
<p><u>Construction</u> Proposed Start Date: _____ Proposed Completion Date: _____ (month/year) (month/year)</p> <p><u>Operation</u> Proposed Start Date: <u>18 June 2011</u> Proposed Completion Date: <u>02 July 2011</u> (month/year) (month/year)</p> <p><u>Closure</u> Proposed Start Date: _____ Proposed Completion Date: _____ (month/year) (month/year)</p> <p><u>Post - Closure</u> Proposed Start Date: _____ Proposed Completion Date: _____ (month/year) (month/year)</p> <p>For each applicable phase of development indicate which season(s) activities occur.</p> <p><u>Construction</u> <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> All season</p> <p><u>Operation</u> <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input checked="" type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> All season</p> <p><u>Closure</u> <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> All season</p> <p><u>Post - Closure</u> <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> All season</p>	

25. PROPOSED TERM OF LICENCE

Number of years (maximum of 25 years): _____<1_____ years

Requested Date of Issuance: 01 June 2011 Requested Expiry Date: 15 July 2011
(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.

We will be using the 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.

Yes No If no, date expected May 2011

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

Yes No If no, date expected _____

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 _this is for a recreational (R1) project_

English Summary of Application.

Yes No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

Yes No If no, date expected _____

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

Yes No If no, date expected NA

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 NA

28. SIGNATURE

JENNIE RAUSCH

**SHOREBIRD
 BIOLOGIST**

3 May 2011

Name (Print)

Title (Print)

Signature

Date