



## Application for Water Licence Amendment

April 2010

P.O. BOX 119  
GJOAHAVEN, NUNAVUT  
XOB 1J0  
TEL:(867)360-6338  
FAX:(867)360-6369

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NUNAVUT IMALIRIYIN KATIMAYINGI  
NUNAVUT WATER BOARD  
OFFICE DES EAUX DU NUNAVUT



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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.

**EXISTING LICENCE NO:** 2BE-TUK1015

#### 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. **A renewal 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: Advanced Explorations Inc.

Address: 50 Richmond Street East, Suite 300, Toronto, ON M5C 1N7

Phone: 416-203-0057

Fax: 416-203-0059

e-mail: gary@advanced-exploration.com

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

Name:

Address:

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

e-mail: \_\_\_\_\_

(Attach authorization letter.)

**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: May 1, 2010\_\_ Date of expiry: April 30, 2012\_\_\_\_\_

☐ 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 Prospecting Licence # N33296, Mineral Claims HABS 1 - 11

Date (expected date) of issuance: July 21, 2000\_\_ Date of expiry: March 31, 2012\_\_\_\_\_

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: \_\_\_\_\_

## 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:

- |  |  |
|--|--|
| <input type="checkbox"/> Industrial  | <input type="checkbox"/> Agricultural                          |
| <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps) |  |
| <input type="checkbox"/> Conservation  |  |
| <input type="checkbox"/> Municipal (includes camps/lodges)   | <input type="checkbox"/> Recreational                          |
| <input type="checkbox"/> Power   | <input type="checkbox"/> 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.

- ☐ 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

**13. QUANTITY OF WATER INVOLVED**

Does the proposed amendment change the source of water?

☐ Yes    ☒ No

Indicate the water source(s). Identify proposed changes.:

\_\_\_\_\_  
(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.: \_\_\_\_\_

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. : \_\_\_\_\_ 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. :

Camp water source is being changed from 3 to 10 m<sup>3</sup>/day and the Drilling water source is being changed from 180 to 173 m<sup>3</sup>/day.

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.:

10 m<sup>3</sup>/day of water for camp use and 173 m<sup>3</sup>/day of water for drilling.

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

☐ Yes    ☒ No

Describe the method(s) of extraction. Identify proposed changes. : \_\_\_\_\_

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. : \_\_\_\_\_ 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. : \_\_\_\_\_

**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
Sewage				Incinerated, ashes stored in barrels and removed from site, taken to proper disposal facility
Solid Waste				Incinerated, ashes stored in barrels and removed from site, taken to proper disposal facility
Bulky Items/Scrap Metal				Removed from site, sent to proper disposal facility
Waste Oil				Put in 45 gal barrels, identified and removed from site for proper disposal
Greywater		< 90 m <sup>3</sup> /day (drilling) < 10 m <sup>3</sup> /day (camp)		Drilling greywater run into a sump, redirected away from water source. Grease trap will be in place to filter out food waste and other material before the greywater is released to a sump directed away from surface water.
Sludges				Filtered to collect sludge, overflow water run into a sump, redirected away from water source, sludge used for site reclamation.

**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.

**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.

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.

## 24. PROPOSED TIME SCHEDULE

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

### Operation

Proposed Start Date: April, 2011 \_\_\_\_\_ Proposed Completion Date: October, 2011 \_\_\_\_\_  
(month/year) (month/year)

### Closure

Proposed Start Date: \_\_\_\_\_ Proposed Completion Date: \_\_\_\_\_  
(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



## 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 \_N/A\_\_\_\_\_

Indication of Renewal Requirement (see Block 26)

☐ Yes ☒ No If no, date expected \_N/A\_\_\_\_\_

English Summary of Renewal Application.

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

Inuktitut and/or Inuinnaqtun Summary of Renewal Application.

☐ Yes ☒ No If no, date expected \_May, 2011\_\_\_\_\_

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

☒ 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.

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

## 28. SIGNATURE

<u>GARY WILLIAMS</u>	<u>VP ENVIRONMENT</u>	<u><i>G. Williams</i></u>	<u>May 13/11</u>
Name (Print)	Title (Print)	Signature	Date