



Effective June 16, 2006

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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

WATER LICENCE APPLICATION FORM

Application for: (check one)

☒ **New** ☐ **Renewal** ☐ **Amendment** ☐ **Assignment** ☐ **Cancellation**

LICENCE NO:

(for NWB use only)

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE <u>Advanced Explorations Inc.</u> <u>50 Richmond St. East, Suite 300</u> <u>Toronto, ON M5C 1N7</u> Phone: <u>416-203-0057 ext. 224</u> Fax: <u>416-203-0059</u> e-mail: <u>gary@advanced-exploration.com</u>	2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable) <u>Advanced Explorations Inc.</u> <u>50 Richmond St. East, Suite 300</u> <u>Toronto, ON M5C 1N7</u> Phone: <u>416-206-0057</u> Fax: <u>416-203-0059</u> e-mail: <u>info@advanced-exploration.com</u>								
3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking) Latitude: (68°57'54" N) Longitude: (82°56'58" W) NTS Map Sheet No. <u>047A14</u> Scale: <u>1:50,000</u>									
4. DESCRIPTION OF UNDERTAKING (attach plans and drawings) <u>Please see attached work plan</u>									
5. TYPE OF PRIMARY UNDERTAKING (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in "bold") <table><tr><td>☐ Industrial</td><td>☐ Agricultural</td></tr><tr><td>☒ Mining and Milling (includes exploration/drilling)</td><td>☐ Conservation</td></tr><tr><td>☐ Municipal (includes camps/lodges)</td><td>☐ Recreational</td></tr><tr><td>☐ Power</td><td>☐ Miscellaneous (describe below):</td></tr></table> See Schedule II of <i>Northwest Territories Waters Regulations</i> for Description of Undertakings		☐ Industrial	☐ Agricultural	☒ Mining and Milling (includes exploration/drilling)	☐ Conservation	☐ Municipal (includes camps/lodges)	☐ Recreational	☐ Power	☐ Miscellaneous (describe below):
☐ Industrial	☐ Agricultural								
☒ Mining and Milling (includes exploration/drilling)	☐ Conservation								
☐ Municipal (includes camps/lodges)	☐ Recreational								
☐ Power	☐ Miscellaneous (describe below):								

6. WATER USE

- ☒ To obtain water
 ☐ Flood control
☐ To cross a watercourse
 ☐ To divert a watercourse
☐ To modify the bed or bank of a watercourse
 ☐ To alter the flow of , or store, water
☐ Other (describe):

7. QUANTITY OF WATER INVOLVED (cubic metres per day including both quantity to be used and quality to be returned to source)

- Water use**
☐ 100m³/day or less
☒ Greater than 100m³/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

Water returned to source
0 m³/day

8. WASTE (for each type of waste describe: composition, quantity (cubic metres per day), methods of treatment and disposal, etc.)

- ☒ Sewage
 ☒ Waste oil
☒ Solid Waste
 ☒ Greywater
☐ Hazardous
 ☒ Sludges
☒ Bulky Items/Scrap Metal
 ☐ Other (describe):

Sewage: will be incinerated, ashes stored in barrels and removed from site, taken to proper disposal facility
 Solid Waste: will be 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: will be put in 45G barrels, identified and removed from site for proper disposal

Greywater: (approx. <10 m³/day): grease trap will be in place to filter out food waste and other material before the greywater is released to a sump and directed away from surface water

Sludges: (approx. <90 m³/day) will be filtered from water, overflow water will run into a sump and redirected away from water source; sludge will be used for site reclamation

9. OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING (give name, mailing address and location; attach if necessary)

Land Use Permit
 DIAND

☒ Yes ☐ No If no, date expected _____

Regional Inuit Association

☐ Yes ☐ No If no, date expected _____

Commissioner

☐ Yes ☐ No If no, date expected _____

10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES (direct, indirect, cumulative impacts, etc.)

Please refer to attached Abandonment and Restoration Plan and attached Drilling Procedures

NIRB Screening
 ☒ Yes ☐ No If no, date expected _____

11. INUIT WATER RIGHTS

Will the project or activity substantially affect the quality, quantity, or flow of water flowing through Inuit Owned Lands and the rights of Inuit under Article 20 of the Nunavut Land Claims Agreement?
No

If yes, has the applicant entered into an agreement with the Designated Inuit organization to pay compensation for any loss or damage that may be caused by the alteration. If no compensation agreement has been made, how will compensation be determined?

12. CONTRACTORS AND SUB-CONTRACTORS (name, address and functions)

Boart Longyear Inc., 310 Niven St., Haileybury, ON: Drilling Services

Matrix Aviation Solutions Inc. and Helicopter Solutions Inc., #8 Yellowknife Airport, Yellowknife, NT, X1A 3T2:

Helicopter management and turn-key logistics, camp management

EBA Engineering Consultants Ltd., PO Box 2244, #201, 4916-49 Street, Yellowknife, NT, X1A 2P7: Environmental, archeological etc. baseline studies

13. STUDIES UNDERTAKEN TO DATE (list and attach copies of studies, reports, research, etc.)

No studies undertaken to date. Archeology and environmental baseline studies will be initiated during the first field season

14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN

Supplementary Questionnaire (where applicable: see section 5) ☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun/English Summary of Project ☒ Yes ☐ No If no, date expected _____

Application fee of \$30.00 (Payee Receiver General for Canada) ☒ Yes ☐ No If no, date expected _____

Water Use fee of \$30.00 (unless otherwise indicated in Section 9 of the *NWT Waters Regulations*; Payee Receiver General for Canada)

☒ Yes ☐ No If no, date expected _____

15. PROPOSED TIME SCHEDULE (unless otherwise indicated, the NWB will consider the application for a five (5) year term)

☐ one year or less (or) ☒ Multi Year

Start Date: April 1, 2010 Completion Date: March 30, 2015

John Gingerich

Name (Print)

President & CEO

Title (Print)

Signature

Date

For Nunavut Water Board office use only

APPLICATION FEE Amount: \$ _____ Pay ID No.: _____

WATER USE DEPOSIT Amount: \$ _____ Pay ID No.: _____