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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)

<b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</b>  <u>Zinifex Canada Inc.</u> <u>401-1113 Jade Court</u> <u>Thunder Bay Ontario</u>  Phone: <u>807-346-1668</u> Fax: <u>807-345-0284</u> e-mail: <u>david.stevenson@zinifex.com</u>	<b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b>  <u>Zinifex Canada Inc.</u> <u>401-1113 Jade Court</u> <u>Thunder Bay Ontario</u>  Phone: <u>807-346-1668</u> Fax: <u>807-345-0284</u> e-mail: <u>david.stevenson@zinifex.com</u>
<b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking)  Latitude: (66°54'27" N)      Longitude: (110°58'24" W) NTS Map Sheet No. <u>76L 14/15</u> Scale: <u>None</u>	
<b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings)  Water Licence #NWB1ULU0008 was issued for the purposes of authorizing the use of water and disposal of waste into water in conjunction with exploration activities at the site. Currently the mine is in care and maintenance, Zinifex Canada Inc. would like to maintain the class B license until a decision is made in regards to the future of the property.	
<b>5. TYPE OF PRIMARY UNDERTAKING</b> (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in " <b>bold</b> ")	
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> <b>Industrial</b>  <input type="checkbox"/> <b>Mining and Milling</b> (includes exploration/drilling)  <input type="checkbox"/> <b>Municipal</b> (includes camps/lodges)  <input type="checkbox"/> <b>Power</b> </div> <div style="width: 48%;"> <input type="checkbox"/> <b>Agricultural</b>  <input type="checkbox"/> <b>Conservation</b>  <input type="checkbox"/> <b>Recreational</b>  <input checked="" type="checkbox"/> <b>Miscellaneous</b> (describe below):         </div> </div>	
See Schedule II of <i>Northwest Territories Waters Regulations</i> for Description of Undertakings	

**6. WATER USE**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> To obtain water                 | <input type="checkbox"/> Flood control                          |
| <input type="checkbox"/> To cross a watercourse                     | <input type="checkbox"/> To divert 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"/> 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** ☒ 100m<sup>3</sup>/day or less  
☐ Greater than 100m<sup>3</sup>/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

**Water returned to source**  
Historically 5 m<sup>3</sup>/day

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

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Sewage       | <input type="checkbox"/> Waste oil   |
| <input type="checkbox"/> Solid Waste             | <input checked="" type="checkbox"/> Greywater                                  |
| <input type="checkbox"/> Hazardous               | <input type="checkbox"/> Sludges   |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input type="checkbox"/> Other describe):Underground Mine Water See attachment |

**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.)

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)

The site is care and maintenance. BGC will be on-site annually to conduct an Geotechnical Inspection.

BGC - Jim Cassie

Suite 1605 - 840 - 7th Avenue SW

Calgary, AB, Canada, T2P 3G2

Telephone: (403) 250-5185 ext. 103

Cellular: (403) 651-2464

Facsimile: (403) 250-5330

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

-Ulu Interim Water Management Plan (March 2006) prepared by Gartner Lee Limited for Wolfden Resources Inc.

**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: June 30, 2008 Completion Date: June 30, 2013

**David Stevenson**

Name (Print)

**Project Manager**

Title (Print)

Signature

**Dec. 10 2007**

Date

For Nunavut Water Board office use only

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

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