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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)

<p><b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</b></p> <p>Sudhir Kumar Jha, Project Officer          Community and Government Services, GN          Bag 200, 2<sup>nd</sup> Floor Enokhok Building          Cambridge Bay, Nunavut X0B 0C0</p> <p>Phone: 867 983 4008          Fax: 867 983 4124          e-mail: <a href="mailto:sjha@gov.nu.ca">sjha@gov.nu.ca</a></p>	<p><b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b></p> <p>Same as #1.</p> <p>Phone: _____          Fax: _____          e-mail: _____</p> <div style="border: 2px solid black; padding: 10px; transform: rotate(-5deg); margin-top: 20px;"> <p style="text-align: center; font-weight: bold;">Nunavut Water Board</p> <p style="text-align: center;">JUL 24 2008</p> <p style="text-align: center; font-weight: bold;">Public Registry</p> </div>		
<p><b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking)</p> <p><b>Please see the attached list of coordinates and corresponding map.</b></p> <p>Latitude: (67°49'25" N)      Longitude: (115°5'5" W)          NTS Map Sheet No. 86014 Scale: 1:50,000</p>			
<p><b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings)</p> <p>Explore, by drilling, the possibility of extracting groundwater from a sub-river aquifer to provide a long-term potable water supply for the community of Kugluktuk, Nunavut.</p>			
<p><b>5. TYPE OF PRIMARY UNDERTAKING</b> (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in "bold")</p> <table style="width: 100%;"> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> <b>Industrial</b>  <input type="checkbox"/> <b>Mining and Milling</b> (includes exploration/drilling)  <input checked="" type="checkbox"/> <b>Municipal</b> (includes camps/lodges)  <input type="checkbox"/> <b>Power</b> </td> <td style="vertical-align: top;"> <input type="checkbox"/> <b>Agricultural</b>  <input type="checkbox"/> <b>Conservation</b>  <input type="checkbox"/> <b>Recreational</b>  <input type="checkbox"/> <b>Miscellaneous</b> (describe below):         </td> </tr> </table>		<input type="checkbox"/> <b>Industrial</b> <input type="checkbox"/> <b>Mining and Milling</b> (includes exploration/drilling) <input checked="" type="checkbox"/> <b>Municipal</b> (includes camps/lodges) <input type="checkbox"/> <b>Power</b>	<input type="checkbox"/> <b>Agricultural</b> <input type="checkbox"/> <b>Conservation</b> <input type="checkbox"/> <b>Recreational</b> <input type="checkbox"/> <b>Miscellaneous</b> (describe below):
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See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings

**6. WATER USE**

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

**7. QUANTITY OF WATER INVOLVED** (cubic metres per day including both quantity to be used and quantity 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  
0 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.)

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

**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?  
 This project will not substantially affect the quality, quantity, or flow of water flowing through IOL and the rights of the Inuit.

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?

This project will not affect the quality, quantity or flow of water flowing through Inuit Owned Lands or the rights of the Inuit. This project could potentially provide a solution to providing a potable water supply for the community of Kugluktuk.

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

A.D. Williams Engineering Inc., P.O. Box 1529, 4903-47<sup>th</sup> Street, Yellowknife, NT X1A 2P2  
 Nuna Burnside Engineering and Environmental Ltd., 15 Townline, Orangeville, Ontario L9W 3R4  
 Drilling Company to be determined

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

A geophysical study was conducted earlier this year to identify the targets for drilling.

**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: July 31, 2008 Completion Date: October 31, 2008

Sudhir Kumar Jha  
Name (Print)

Project Officer  
Title (Print)

Sudhir  
Signature

July 11, 2008  
Date

**For Nunavut Water Board office use only**

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

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