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努那武特水資源局
NUNAVUT MALLIRIYIN 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 Sudhir Kumar Jha, Project Officer Community and Government Services, GN Bag 200, 2 nd Floor Enokhok Building Cambridge Bay, Nunavut X0B 0C0 Phone: <u>867 983 4008</u> Fax: <u>867 983 4124</u> e-mail: <u>sjha@gov.nu.ca</u>	2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable) Same as #1. Phone: _____ Fax: _____ e-mail: _____		
3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking) Please see the attached list of coordinates and corresponding map. Latitude: (67°49'25" N) Longitude: (115°5'5" W) NTS Map Sheet No. <u>86014</u> Scale: <u>1:50,000</u>			
4. DESCRIPTION OF UNDERTAKING (attach plans and drawings) 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.			
5. TYPE OF PRIMARY UNDERTAKING (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in "bold") <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Industrial <input type="checkbox"/> Mining and Milling (includes exploration/drilling) <input checked="" type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input type="checkbox"/> Miscellaneous (describe below): </td> </tr> </table>		<input type="checkbox"/> Industrial <input type="checkbox"/> Mining and Milling (includes exploration/drilling) <input checked="" type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power	<input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input type="checkbox"/> Miscellaneous (describe below):
<input type="checkbox"/> Industrial <input type="checkbox"/> Mining and Milling (includes exploration/drilling) <input checked="" type="checkbox"/> Municipal (includes camps/lodges) <input type="checkbox"/> Power	<input type="checkbox"/> Agricultural <input type="checkbox"/> Conservation <input type="checkbox"/> Recreational <input type="checkbox"/> Miscellaneous (describe below):		
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 quantity 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.)

<input type="checkbox"/> Sewage	<input checked="" type="checkbox"/> Waste oil
<input type="checkbox"/> Solid Waste	<input type="checkbox"/> Greywater
<input type="checkbox"/> Hazardous	<input checked="" type="checkbox"/> Sludges
<input type="checkbox"/> Bulky Items/Scrap Metal	<input checked="" type="checkbox"/> 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, 4903-47th 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 Jha
 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.: _____