



Effective June 16, 2006

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NUNAVUT IMALIRIYIN KATIMAYINGI  
NUNAVUT WATER BOARD  
OFFICE DES EAUX DU NUNAVUT

## WATER LICENCE APPLICATION FORM

RECEIVED  
NOV 17 2009

Application for: (check one)

☐ New ☒ Renewal ☐ Amendment ☐ Assignment ☐ Cancellation

<b>LICENCE NO:</b> [REDACTED]									
<b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</b>  Bill Buckle, Interim SAO Hamlet of Clyde River Box-89, X0A 0E0 Baffin Region, Nunavut. Ph 867-924-6220, Fax 867924-6301 Contact Person: Bhabesh Roy, M.A.Sc., P.Eng. Municipal Planning Engineer GN-CGS, Pond Inlet, Baffin Region, P.O.Box-379, X0A 0S0, NU  Phone: 867 7 899 7314 Fax: 867 899 7328 e-mail: <a href="mailto:broy@gov.nu.ca">broy@gov.nu.ca</a>	<b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b>  <u>Bill Buckle, Interim SAO</u> <u>Hamlet of Clyde River</u> <u>Box-89, X0A 0E0</u> <u>Baffin Region, Nunavut.</u> <u>Ph 867-924-6220, Fax 867924-6301</u> <u>Contact Person:</u> <u>Bhabesh Roy, M.A.Sc., P.Eng.</u> <u>Municipal Planning Engineer</u> <u>GN-CGS, Pond Inlet, Baffin Region.</u> <u>P.O.Box-379, X0A 0S0, NU</u>  Phone: 867 899 7314 Fax: 867 899 7328 e-mail: <a href="mailto:broy@gov.nu.ca">broy@gov.nu.ca</a>								
<b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking) <b>Attached Topographic Map of the Hamlet of Clyde River shows locations of Environmental facilities.</b>  Latitude: (70°27'0" N) Longitude: (68°33'0" W) NTS Map Sheet No. _____ Scale: _____									
<b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings).  A Detailed Technical Progress Report of the ongoing construction of the New Sewage Lagoon. A Site Plan and some construction Photos are attached.									
<b>5. TYPE OF PRIMARY UNDERTAKING</b> (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in "bold") <table border="0"><tr><td><input type="checkbox"/> Industrial</td><td><input type="checkbox"/> Agricultural</td></tr><tr><td><input type="checkbox"/> Mining and Milling (includes exploration/drilling)</td><td><input type="checkbox"/> Conservation</td></tr><tr><td><input checked="" type="checkbox"/> Municipal (includes camps/lodges)</td><td><input type="checkbox"/> Recreational</td></tr><tr><td><input type="checkbox"/> Power</td><td><input type="checkbox"/> Miscellaneous (describe below):</td></tr></table> See Schedule II of Northwest Territories Waters Regulations for Description of Undertakings		<input type="checkbox"/> Industrial	<input type="checkbox"/> Agricultural	<input type="checkbox"/> Mining and Milling (includes exploration/drilling)	<input type="checkbox"/> Conservation	<input checked="" type="checkbox"/> Municipal (includes camps/lodges)	<input type="checkbox"/> Recreational	<input type="checkbox"/> Power	<input type="checkbox"/> Miscellaneous (describe below):
<input type="checkbox"/> Industrial	<input type="checkbox"/> Agricultural								
<input type="checkbox"/> Mining and Milling (includes exploration/drilling)	<input type="checkbox"/> Conservation								
<input checked="" type="checkbox"/> Municipal (includes camps/lodges)	<input type="checkbox"/> Recreational								
<input type="checkbox"/> Power	<input type="checkbox"/> 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 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.).

Present permit: 38,000 cubic meters per year. (104.12 cubic meters per day)

**Water returned to source**

74.0 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
 ☒ Waste oil  
☒ Solid Waste
 ☒ Greywater  
☒ Hazardous
 ☒ Sludges  
☒ Bulky Items/Scrap Metal
 ☐ Other (describe):

Note: The Construction of the new Sewage Lagoon is in progress and expected to complete in 2010 including rehabilitation of the existing sewage treatment facility. A contract to design of the Solidwaste mangement facility has been recently awarded to Trow Associates Inc. to schedule construction in 2011. The condition of the Water Truckfill station is unchanged.

**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 N/A

**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 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.).

Present permit: 30,000 cubic meters per year. (82.20 cubic meters per day)

**Water returned to source**

74.0 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):

Note: The Construction of the new Sewage Lagoon is in progress and expected to complete in 2010 including rehabilitation of the existing sewage treatment facility. A contract to design of the Solidwaste mangement facility has been recently awarded to Trow Associates Inc. to schedule construction in 2011. The condition of the Water Truckfill station is unchnaged.

**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 \_\_\_\_\_ N/A

**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?

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?  
Not applicable

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

TROW Associates Inc., 154 Colonnade Road South, Ottawa, ON, Canada, K2E 7J5, Ph (613) 225-9940, Fax: (613) 225-7337. Trow is the consultant who has done the design works of the new Sewage Lagoon and Rehabilitation of the existing one. Trow is also full time construction supervisor of this project. The Contractor is Kudlik Construction Ltd. Their contact address is :  
Kudlik Construction Ltd. Iqaluit, Nunavut. Tel 867-979-1166; Fax 867-979-1169

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

A contract on Solidwaste Management has been recently awarded to Trow Associates Inc. and their Scope of Works is attached.  
A Fesibility Study of the Solidwaste Management conducted by Dillion Consulting Ltd in 2002 is attached.

**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 NWT will consider the application for a five (5) year term)**

☐ one year or less (or) ☒ Multi Year

Start Date: November 13, 2009 Completion Date: November 13, 2013

Bill Buckle  
Name (Print)

Interim SAO  
Title (Print)

Bill Buckle  
Signature

OCT 13/09  
Date

For Nunavut Water Board office use only

APPLICATION FEE Amount: \$30.00 Pay ID No.: \_\_\_\_\_

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