



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

Joeli Qamanirq
SAO, Hamlet of Arctic Bay, Baffin Region, Nunavut.
P.O.Box 144, X0A0A0, NU.
Ph: 867 439 8417, Fax: 867 439 9917

Contact Person:
Bhabesh Roy, M.A.Sc., P.Eng.
Municipal Planning Engineer, GN-CGS

Phone: 867 7 899 7314
Fax: 867 899 7328
e-mail: broy@gov.nu.ca

2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)

Joeli Qamanirq
SAO, Hamlet of Arctic Bay, Baffin Region, Nunavut.
P.O.Box 144, X0A0A0, NU.
Ph: 867 439 8417, Fax: 867 439 9917

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3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking)

A topographical Map, indicating New Airport, Water Truckfill Station, Existing Sewage Lagoon, Quarry sites and the Proposed Sewage Lagoon of the Hamlet of Arctic Bay is attached.

Latitude: (73°2'0" N) Longitude: (83°5'0" W)
NTS Map Sheet No. _____ Scale: _____

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

Plans and Drawings stamped by Engineers are attached.

5. TYPE OF PRIMARY UNDERTAKING (A supplementary questionnaire **must** be submitted with the application for undertakings listed in "bold")

- ☐ Industrial
☐ Mining and Milling (includes exploration/drilling)
☒ Municipal (includes camps/lodges)
☐ Power

- ☐ Agricultural
☐ Conservation
☐ Recreational
☐ Miscellaneous (describe below):

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings

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** ☒ 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

58 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):
 Solidwaste by Land fill, and Sewage by lagoon and wetland

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, Ontario, K2E 7J5;
Phone: (613) 225-9940 ext 257; Cell: (613) 853-3594; Fax: (613) 225-7337

Functions: Design for building the New Sewage Treatment facility and decommissioning the existing Sewage facility.

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

Trow Associates Inc. have been retained to identify a new location, conduct studies including geotechnical investigation, geothermal modeling, wetland modeling and topographical surveys and based on the information from these studies design a new wastewater treatment facility. The concept is to decommission the existing Lagoon once the new lagoon is commissioned. Study and Design documents are 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 NWB will consider the application for a five (5) year term)

☐ one year or less (or) ☒ Multi Year

Start Date: February 1, 2008, Completion Date: October 31, 2012

Joeli Qamanirq
Name (Print)

SAO
Title (Print)

Signature

Feb 26, 2008
Date

For Nunavut Water Board office use only

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

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