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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 Olayuk Akesuk, Senior Administrative Officer Hamlet of Cape Dorset, Baffin Region, P.O.Box-30, X0A 0C0, NU. Phone: <u>867 -897-8943</u> Fax: <u>867 -897- 8030</u> e-mail: <u>muncdsao@capedorset.ca</u>	2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable) <u>Olayuk Akesuk, Senior Administrative Officer</u> <u>Hamlet of Cape Dorset, Baffin Region,</u> <u>P.O.Box 30, X0A 0C0, NU</u> Phone: <u>867 -897- 8943</u> Fax: <u>867- 897- 8030</u> e-mail: <u>muncdsao@capedorset.ca</u>
3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking) Map attached. Hamlet of Cape Dorset. Box-30, X0A 0C0 , Baffin Region, Nunavut Latitude: (64°14'0" N) Longitude: (76°32'0" W) NTS Map Sheet No. _____ Scale: _____	
4. DESCRIPTION OF UNDERTAKING (attach plans and drawings) <u>:As built drawings for the Sewage Lagoon and five monitoring wells are attached.</u>	
5. TYPE OF PRIMARY UNDERTAKING (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in " bold ")	
<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

- ☒ 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 quality 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.)
 Present permit: 70,000cubic meters per year. (In 2010 Consumption was 52,280 cubic meters per year;143.23 cubic meters per day)
Water returned to source
143.23 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):

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?
Not applicable

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

AMEC Earth & Environmental
140 – Quarry Park Blvd SE, Calgary, AB, T2C 3G3
Tel: 403.248.4331 I Fax: 403.248.2188

Concentric Associates International Incorporated
P.O.Box-957, Iqaluit, NU, X0A 0H0
Ph 867- 979 -3300; Fax-867 979-3302

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

Concentric have completed a report on sorting out the bulky metals. This report is attached. The Consultant AMEC completed temperature validation of the four thermistors installed in the berms of the P-Lake Sewage Lagoon. They also designed five monitoring wells: three at P-Lake Sewage Lagoon and two at the waste site. Installation was completed in June, 2011. The O&M documents for the new sewage Lagoon and monitoring wells 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: March 2, 2010 Completion Date: March 2, 2016

Olayuk Akesuk
Name (Print)

SAO
Title (Print)


Signature

July 22, 2011
Date

For Nunavut Water Board office use only

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

WATER USE DEPOSIT Amount: \$30.00 Pay ID No.: _____