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**Nunavut Water Board**  
**NUNAVUT IMALIRIYIN KATIMAYINGI**

**WATER LICENCE  
APPLICATION FORM**

Application for: (check one)

**New**    **Amendment**    **Renewal**    **Assignment**

<b>LICENCE NO:</b> (for NWB use only)	
<b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</b>  Mr. Guntis Rozitis Project Officer Government of Nunavut Department of Public Works and Services Bag 200 Cambridge Bay, NU X0B 0C0  Phone: <u>867-983-4144</u> Fax: _____ e-mail: <u>GRozitis@GOV.NU.CA</u>	<b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b>       Phone: _____ Fax: _____ e-mail: _____
<b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking)  Approximately 1.5 km south of Hamlet of Kugaaruk (Pelly Bay), Nunavut. Please refer to Figure 1, attached.  Latitude: <u>68.23° N</u> Longitude: <u>89.49°W</u> NTS Map No. <u>057A10</u> <u>                        </u> Scale <u>1:50,000</u>	
<b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings)  Development of a petroleum hydrocarbon contaminated soil treatment facility (Landfarm) for the remediation of contaminated soils to be excavated from the former community bulk fuel storage tank farm site in 2005/2006.  This facility consist of a 3500 m <sup>2</sup> soil disposal cell surrounded by 1 m high earth berms and equipped with a hydrocarbon resistent geomembrane, and sloped toward a water runoff containment cell. The water runoff containment cell is also equipped with a geosynthetic liner and covers approximately 1500 m <sup>2</sup> in order to contain one year’s worth of precipitation.  This facility is located adjacent to the new community sewage lagoon and proposed sanitary landfill.	

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

Industrial                       **Remote/Tourism Camps**  
 **Mine Development**         **Municipal**  
 **Advanced Exploration**     Power  
 **Exploratory Drilling**       Other (describe) Environmental

6. **WATER USE**

To obtain water     To divert a watercourse  
 To modify the bed or bank of a watercourse         Flood control  
 To alter the flow of , or store, water                 Other (describe): Containment of runoff over a limited area  
 To cross a watercourse

7. **QUANTITY OF WATER INVOLVED** (litres per second, litres per day or cubic metres per year, including both quantity to be used and quality to be returned to source)

Approximately 1500 m<sup>3</sup> per year. Quality to be verified through laboratory analyses for petroleum hydrocarbons and either discharged to natural drainage or transferred to wastewater lagoon depending on residual hydrocarbon levels.

8. **WASTE** (for each type of waste describe: composition, quantity, methods of treatment and disposal, etc.)

Sewage     Waste oil  
 Solid Waste                                         Greywater  
 Hazardous                                          Sludges  
 Bulky Items/Scrap Metal     Other (describe) Precipitation that has comes into contact with petroleum hydrocarbon impacted soil.

9. **PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING** (give name, mailing address and location; attach if necessary)

Hamlet of Kugaruuk

**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.)

Facility development is part of a larger construction activities (lagoon and landfill).

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. Limited capture area is not expected to result in noticeable change to surface runoff.

11. (Continued)

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?

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

Kudlik Construction Ltd.  
P.O.Box 727, 1519 Federal Rd.  
Iqaluit, NU, X0A 0H0

Prime contractor responsible for facility construction (earthworks).

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

**14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN**

Supplementary Questionnaire (where applicable: see section 5)     \_\_\_ Yes X No  
If no, date expected \_\_\_\_\_

Inuktitut/English Summary of Project                                   \_\_\_ Yes \_\_\_ No  
If no, date expected \_\_\_\_\_

Application fee \$30.00 (c/o of Receiver General for Canada) \_\_\_ Yes \_\_\_ No  
If no, date expected \_\_\_\_\_

**15. PROPOSED TIME SCHEDULE**

Annual (or)  Multi Year

Start Date: August 2004

Completion Date: August 2005

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**Name (Print)**

**Title (Print)**

**Signature**

**Date**

For Nunavut Water Board use only

APPLICATION FEE Amount: \$ \_\_\_\_\_ Receipt No.: \_\_\_\_\_

WATER USE DEPOSIT Amount: \$ \_\_\_\_\_ Receipt No.: \_\_\_\_\_