



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)

<b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</b>  <u>Lorne Warner, P. Geo - VP Exploration, Director</u> <u>802-700 West Pender Street</u> <u>Vancouver, B.C.</u> <u>Canada V6C 1G8</u>  Phone: <u>250-434-4357</u> Fax: _____ e-mail: <u>geocon@shawbiz.ca</u>	<b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b>  <u>Rockgate Capital Corp</u> <u>802-700 West Pender Street</u> <u>Vancouver, B.C.</u> <u>Canada V6C 1G8</u>  Phone: <u>(604) 678-8941</u> Fax: <u>(604) 689-7442</u> e-mail: <u>geocon@shawbiz.ca</u>
<b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking) <b>Pomy - Latitude (66°10'36.12"N) Longitude (107° 1'51.27"W) - NTS Map Sheet No. 76J3 Scale 1:50000</b> <b>UPit</b> Latitude: (66°34' 58" N)      Longitude: (108°0' 5" W) NTS Map Sheet No. <u>76J12</u> Scale: <u>1:50000</u>	
<b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings) Rockgate Capital Corporation, supported by Kingaunmiut Ltd of Bathurst Inlet Nunavut, is currently planning to initiate a helicopter assisted diamond drill program for their Bathurst Inlet Upit and Pomy Sites Project. The drilling program is proposed to commence in mid to late August 2008 and continue through October of 2008 with the possibility, based on 2008 results, of commencing again in 2009. Upit and Pomy sites are located south of the small Nunavut Community of Bathurst Inlet by approximately 30km and 90km, respectively. Drilling targets include three holes for a combine core length of 500m at Upit Site and up to 10 holes for a combined total of 1000m at Pomy Site. A team of seven persons, include a drill crew and helpers, a project supervisor, safety staff and helicopter pilot, will support the drill program. Utilizing the resources and logistical services of Kingaunmiut Ltd., project staff will be accommodated remotely from the project site within the community of Bathurst Inlet. DETAILED PROJECT DESCRIPTION ATTACHED	

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

- |   |   |
|---|---|
| <input type="checkbox"/> <b>Industrial</b>  | <input type="checkbox"/> Agricultural                           |
| <input checked="" type="checkbox"/> <b>Mining and Milling</b> (includes exploration/drilling) | <input type="checkbox"/> <b>Conservation</b>                    |
| <input type="checkbox"/> <b>Municipal</b> (includes camps/lodges)                             | <input type="checkbox"/> Recreational                           |
| <input type="checkbox"/> Power  | <input type="checkbox"/> <b>Miscellaneous</b> (describe below): |

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

<b>6.</b>	<b>WATER USE</b> <table style="width: 100%; margin-top: 10px;"> <tr> <td><input checked="" type="checkbox"/> To obtain water</td> <td><input type="checkbox"/> Flood control</td> </tr> <tr> <td><input type="checkbox"/> To cross a watercourse</td> <td><input type="checkbox"/> To divert a watercourse</td> </tr> <tr> <td><input type="checkbox"/> To modify the bed or bank of a watercourse</td> <td><input type="checkbox"/> To alter the flow of , or store, water</td> </tr> <tr> <td colspan="2" style="margin-top: 10px;"><input type="checkbox"/> Other (describe):</td> </tr> </table>	<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):	
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<input type="checkbox"/> Other (describe):									
<b>7.</b>	<b>QUANTITY OF WATER INVOLVED</b> (cubic metres per day including both quantity to be used and quality to be returned to source)  <b>Water use</b> <input checked="" type="checkbox"/> 100m <sup>3</sup> /day or less <input type="checkbox"/> Greater than 100m <sup>3</sup> /day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)  <b>Water returned to source</b> 0                    m <sup>3</sup> /day								
<b>8.</b>	<b>WASTE</b> (for each type of waste describe: composition, quantity (cubic metres per day), methods of treatment and disposal, etc.)  <table style="width: 100%; margin-top: 10px;"> <tr> <td><input type="checkbox"/> Sewage</td> <td><input checked="" type="checkbox"/> Waste oil</td> </tr> <tr> <td><input checked="" type="checkbox"/> Solid Waste</td> <td><input type="checkbox"/> Greywater</td> </tr> <tr> <td><input type="checkbox"/> Hazardous</td> <td><input checked="" type="checkbox"/> Sludges</td> </tr> <tr> <td><input checked="" type="checkbox"/> Bulky Items/Scrap Metal</td> <td><input type="checkbox"/> Other describe):</td> </tr> </table> <p>Solid wastes - primarily man made garbage, paper, cans, bottles etc will be incinerated/burned at community dump and/or back hauled to Yellowknife for landfill disposal</p> <p>Scrap Metal - empty fuel drums, waste drill steel and other broken machanical parts will be transported to the community and then back hauled to Yellowknife via scheduled flights</p> <p>Waste oil will be containerized in plastic pails and flown to the community and then back hauled to Yellowknife and disposed of with a local oil dealer or waste oil burner.</p> <p>Sludges and drill dust will be left on the land in the visinity of the drill sites and contained as much as possible in small depressions on the land to minimize the area of disturbance.</p>	<input type="checkbox"/> Sewage	<input checked="" type="checkbox"/> Waste oil	<input checked="" type="checkbox"/> Solid Waste	<input type="checkbox"/> Greywater	<input type="checkbox"/> Hazardous	<input checked="" type="checkbox"/> Sludges	<input checked="" type="checkbox"/> Bulky Items/Scrap Metal	<input type="checkbox"/> Other describe):
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<b>9.</b>	<b>OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING</b> (give name, mailing address and location; attach if necessary)          <table style="width: 100%; margin-top: 20px;"> <tr> <td style="width: 40%;"><b>Land Use Permit</b></td> <td><input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No    If no, date expected _____</td> </tr> <tr> <td>DIAND</td> <td></td> </tr> <tr> <td>Regional Inuit Association</td> <td><input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No    If no, date expected _____</td> </tr> <tr> <td>Commissioner</td> <td><input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No    If no, date expected _____</td> </tr> </table>	<b>Land Use Permit</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    If no, date expected _____	DIAND		Regional Inuit Association	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    If no, date expected _____	Commissioner	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    If no, date expected _____
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**10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** (direct, indirect, cumulative impacts, etc.)

The Upit and Pomy Drill Sites are both located on a combination heath tundra and exposed bedrock environment where there are no known sensitive or significant terrestrial features.

The Upits site is located approximately 300 m north and between two small unnamed lakes (< 25 ha each). These lakes drain in series south west to a larger unnamed lake, which, based on size would likely support fish and fish habitat with the dominant species likely being lake trout. With the implementation of proper drill techniques and the application of a sound mitigation and monitoring plan it is not anticipated that there will be any impacts to the aquatic environments or fish and fish habitat of these lakes. The larger of the two lakes will be used as a water source for drilling therefore, to prevent the potential of fish entrainment, should the lake support fish, pump hose screens will be placed on the intake hose during all pumping activities.

The Pomy site is located approximate 800m west of the southern end of Bathurst Lake which is known to support Lake Trout, and Arctic grayling. Almost 1 km west of the Pomy site a series of small lakes drain eastward via intermittent flowing channels to the Bathurst Lake lake. All unnamed, the largest of these lake is approximately 15 ha in size. Although not sampled these lakes may support fish and fish habitat. One of the lakes has been identified as a source of water for the drilling therefore pump hose screens will be placed on the hose intake to minimize the potential for entrainment of any fish that may inhabit the lake.

Although no direct field studies have been completed no known denning sites for grizzly bear or wolf or nesting sites for raptors have been identified by local people. The general area in which the project site is located is known to support various arctic mammals including grizzly bear, arctic wolf, muskox, caribou and wolverine. The project area is located within the northern range of the Bathurst Caribou Herd. Typically, at the time of year that the drill program will be commencing, most caribou have migrated south and south west of the drill site areas leaving only small herds 10 to 15 and solitary animals grazing in this general area. It is anticipated that the activities associated with this program will have no significant impact on caribou and other identified mammals that may inhabit the general area of the project.

Overall there are no expected significant impacts to the environment as a result of the drill projects proposed at the UPit or Pomy sites.

NIRB Screening ☐ Yes ☒ No If no, date expected application submitted May 15, 2008

**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?

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

Connors Drilling, 139 Enterprise Drive Yellowknife - ph: 867-873-2533 fax: 867-873-6097  
Great Slave Helicopters (Kitikmeot Helicopters) 106 Dickson Street, Yellowknife - ph: 867-873-2081  
Kingaunmiut Ltd. Bathurst Inlet c/o PO Box 820, Yellowknife ph: 867-920-4330 fax: 867-920-4263

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

**NONE TO DATE**

**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: August 15 Completion Date: October 31, 2009

**Lorne Warner**

**P. Geo - VP Exploration,  
Director**

**May 15, 2008**

\_\_\_\_\_  
Name (Print)

\_\_\_\_\_  
Title (Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**For Nunavut Water Board office use only**

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

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