



**GWICH'IN LAND AND WATER BOARD**  
**Box 2018 Inuvik NT X0E 0T0**  
**Ph 867-777-7960**  
**Fx 867-777-7970**  
**www.glwb.com**

**SCHEDULE II**  
**(Subsection 19(2) of Mackenzie Valley Land Use Regulations)**

**INFORMATION IN SUPPORT OF AN APPLICATION FOR A LAND USE PERMIT**

The information contained in this application and in any supporting documents pertaining to this application is collected under the authority of the Mackenzie Valley Resource Management Act for the purpose of reviewing the request for the use of land in the Gwich'in Settlement Area and any potential approvals that may be required. The information contained herein pertains to the conduct of public business and cannot be kept confidential. It will be shared with government departments and agencies, first nations organizations, community organizations and other regulatory agencies and will be treated as information that third parties have the right to under the Access to Information and Protection of Privacy Act. This application and any supporting documents pertaining to this application will be filed in the Public Registry at the offices of the Gwich'in Land and Water Board in Inuvik, NT, as per the Mackenzie Valley Resource Management Act.

  X        **NEW APPLICATION**

**G 08 H 004**

**1. APPLICANT'S NAME AND MAILING ADDRESS**

Applicant's Name      Gwich'in Tribal Council  
Address                Box 1509 Inuvik NT X0E 0T0  
Telephone              (867) 777-7900  
Fax                      (867) 777-7919

**2. HEAD OFFICE ADDRESS**

Applicant's Name      Same  
Address                Same  
Telephone              Same  
Fax                      Same

Field Supervisor      Ryan Donovan  
Telephone              (867) 777-8500  
Fax                      (867) 777-4106  
Radio-Telephone      (867) 777-  
Cell                      (867) 777-

**3. OTHER PERSONNEL (Subcontractor, contractors, company staff, etc.)**

Dowland Contracting Ltd. Box 1660 Inuvik NT X0E 0T0  
Mackenzie Valley Construction Ltd. 74 Navy Road Inuvik NT X0E 0T0

Total Number of Persons on Site      02 to 35

**4. ELIGIBILITY (Refer to section 18 of the Mackenzie Valley Land Use Regulations.)**

18 (b) (i)      A person is eligible for a permit who, in any other case, has a right to occupy the land and who contracts to have the land-use operation carried out.

**5. a) SUMMARY OF OPERATION (Describe purpose, nature and location of all activities. Refer to 19(3) (b) of the Mackenzie Valley Land Use Regulations.)**

The Gwich'in Camp is located on Gwich'in private lands at 68 16 02 N 135 46 20 W on the west side of the East Branch of the Mackenzie River approximately 10.4 kilometres south-southwest of Inuvik NT. See attached map.

The camp will be used as a Wellness/Healing Camp/Facility and to run other programs and may also be used for meetings, conferences and seminars.

The camp contains five (05) buildings.

The largest building (approximately 400 square metres) contains a meeting room, a kitchen/dining room, living quarters (12 rooms) and washroom/shower and laundry facilities.

The power generator plant (approximately 60 square metres) contains the power generator and a 35,000 litre doubled hulled Enviro-Tank on the outside for diesel fuel. Fuel will be hauled from Inuvik as required on the ice road after freeze-up (November and before break-up (April).

The water treatment plant (approximately 30 square metres) contains the water treatment system and a five thousand (5,000) gallon holding tank. Treated water will be trucked from the Town of Inuvik to the camp from November to April and water will be pumped from the East Branch from May or June until October, or until freeze-up when water can once again be trucked out.

The water purification plant (approximately 30 square metres) contains the water purification system and a holding tank. The sewage and waste water is treated in this facility and discharged to the east of the camp.

There is also a building (50 square metres) that will be used for living quarters for the maintenance personnel.

Each year, in November, as soon as ice conditions allow, a winter road will be constructed from Inuvik to the Gwich'in Camp on the river, and a ramp, made from snow, will be constructed from the river to the camp site so that the fuel and water trucks can access the camp.

**b) INDICATE IF A CAMP IS TO BE SET UP (Provide details on a separate page, if necessary.)**

Yes.

**6. SUMMARY OF POTENTIAL ENVIRONMENTAL AND RESOURCE IMPACTS (Describe the effects of the proposed land-use operation on land, water, flora and fauna and related socio-economic impacts. Use a separate page if necessary.)**

Minimal as the camp is complete. The treated water that is discharged is above minimal health standards and will not pose an environmental impact.

**7. PROPOSED RESTORATION PLAN (Use a separate page if necessary.)**

None as this camp will be used indefinitely.

**8. OTHER RIGHTS, LICENCES OR PERMITS RELATED TO THIS PERMIT APPLICATION (Mineral rights, timber permits, water licences, quarry permit from DIAND, access authorization from the Gwich'in if on Gwich'in lands, etc.)**

Authorization from Gwich'in Tribal Council – Lands  
 Water Licence from Gwich'in Land and Water Board will be applied for.

**ROADS:**

Is this to be a pioneering (new) road? (Provide details on a separate page) No  
 Has the route been laid out or ground truthed? N/A

**9. PROPOSED DISPOSAL METHODS**

- a) Garbage All garbage will be sorted, recycled and taken to Inuvik.
- b) Sewage (Sanitary and grey water) All sewage will be treated and discharged onto the land.
- c) Brush and trees None.
- d) Over burden (Organic soils, waste material, etc.) None.

**10. EQUIPMENT (Includes, drills, pumps, etc. Use a separate page if necessary.)**

Type and Number	Size	Proposed Use
Water Truck	10,000 litre	Haul water from Inuvik to the camp
Fuel Truck	10,000 litre	Haul fuel from Inuvik to the camp

**11. FUELS**

	(√)	Number of Containers	Capacity of Containers	Location of Containers
Diesel	<input checked="" type="checkbox"/>	01	35,000 litres	See map (for power generator)
Gasoline	<input checked="" type="checkbox"/>	05 to 10 Jerry Cans	22 litres each	On site (for small engines)
Propane	<input checked="" type="checkbox"/>	03	4,000 litres	See map (for kitchen stoves)

**12. CONTAINMENT FUEL SPILL CONTINGENCY PLANS (Attach separate contingency plan if necessary.)**

Diesel fuel is stored in doubled hulled Enviro-Tank, which has a storage capacity of 35,000 litres.

Fuel will be hauled from Inuvik as required on the ice road soon after freeze-up (November 0 and just before break-up (April).

Spill kits and fire extinguishers will be on site.

In the event of a spill, the spill will be contained as best as possible. All valves will be shut off and all contaminated soil will be box/contained and returned to the Town of Inuvik landfill site on the approval of the Town of Inuvik.



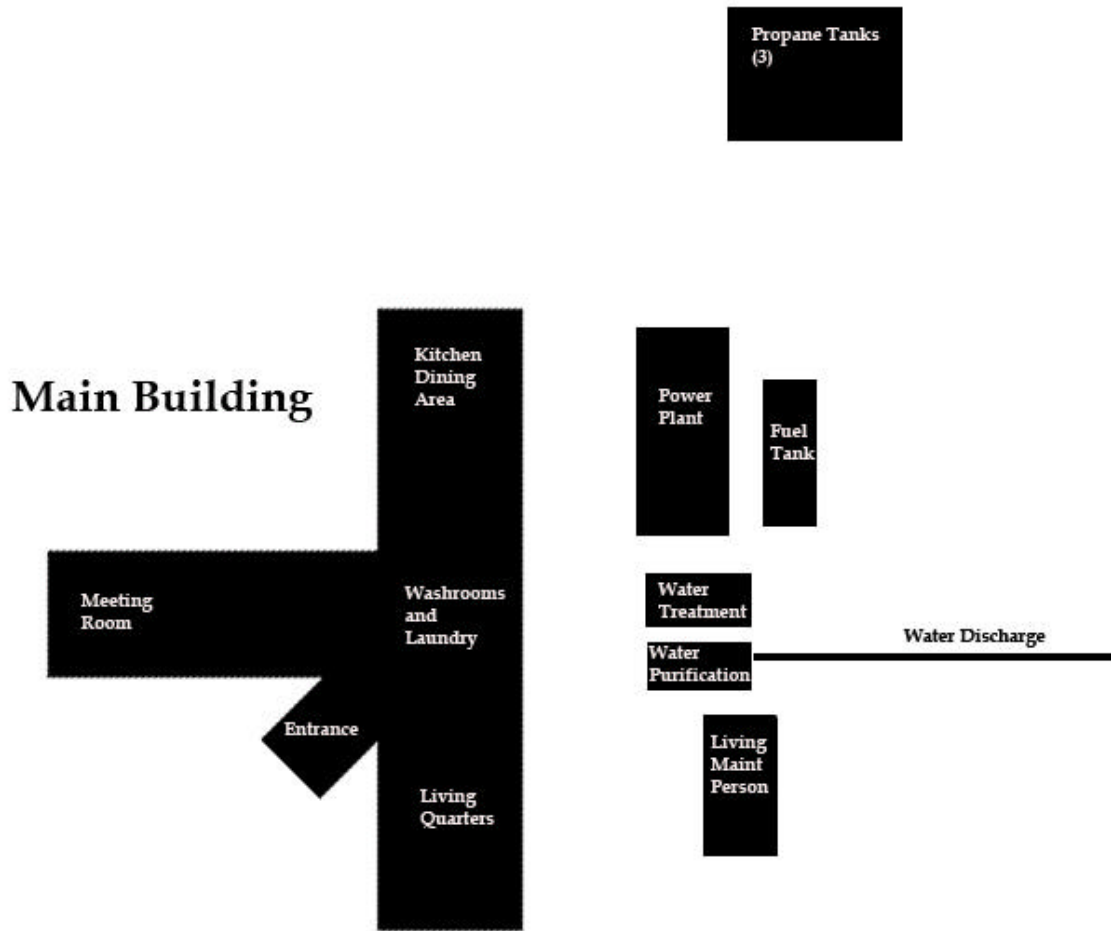
# Map 001 - Gwich'in Camp



**Map 002 - Gwich'in Camp**









**Gwich'in Camp**



**Gwich'in Camp**



**Gwich'in Camp**



**Gwich'in Camp**



**Gwich'in Camp**



**Gwich'in Camp**



**Living Quarters  
Maintenance Personnel**

**Gwich'in Camp**



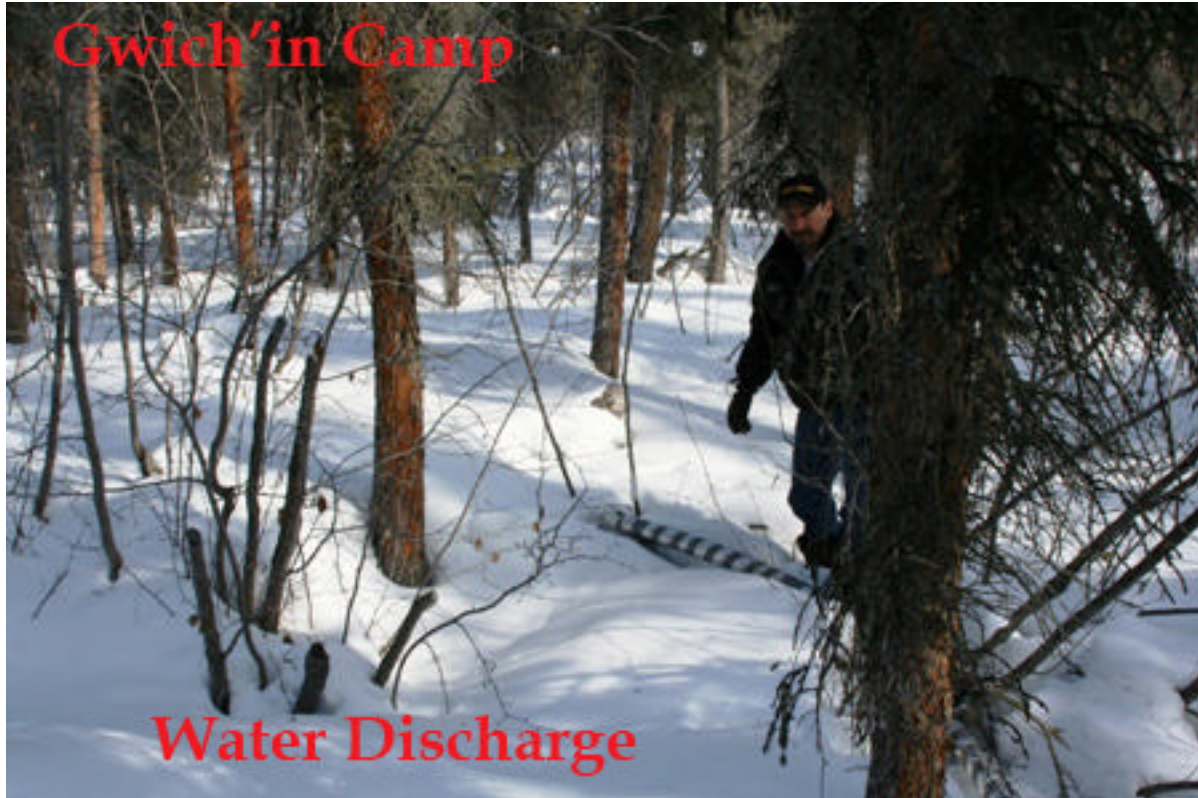
**Treatment  
Plant**

**Purification  
Plant**

**Gwich'in Camp**



**Water Discharge**



**Gwich'in Camp**

**Water Discharge**



**Gwich'in Camp**

**Enviro-Tank and Propane Tanks**

**Gwich'in Camp**



**Enviro-Tank  
35,000 litres**





## Gwich'in Camp



**Gwich'in Camp**



**Propane Tanks**

## Fuel Spill Contingency Plan Gwich'in Camp

### Introduction

This Fuel Spill Contingency Plan is a guide for the Gwich'in Camp employees, contractors and subcontractors as to the planned course of action in the event of a spill or leakage of petroleum products during the course of the operation.

It is the owner's responsibility to ensure protection of human health and safety, provide directions to stop or contain spills, and report the spill to affected agencies.

There are three types of fuel stored at the Gwich'in Camp: diesel fuel, propane and gasoline.

The diesel fuel is stored in a 35,000 litre doubled hulled Enviro-Tank that is located adjacent to the power generating plant. See attached map and photo below.



The diesel fuel will be hauled from Inuvik as required on the ice road soon after freeze-up in November and before break-up in April.

The propane is stored in three (3) 4,000 litre tanks north of the main buildings and will be filled in April, and then again in November via vehicles using the ice road. See attached map and photo below.



The gasoline for small engines will be stored along the river bank in a shed away from the main buildings.

Spill kits and fire extinguishers will be on site.

## Emergency Response Procedures for Diesel or Gasoline Spills or Leaks

The severity of a spill or leak may be determined according to the following:

- Minor – less than 100 litres (26 gallons)
- Major – more than 100 litres
- Emergency – more than 1,000 litres (265 gallons)

In the event of a **Minor** spill or leak, the first person on site, if not the Camp Maintainer, shall:

- Contact and report the spill or leak to the Camp Maintainer
- If the Camp Maintainer cannot be found, contact and report the spill or leak to the Camp Coordinator

In the event of a Minor spill or leak, the Camp Maintainer, shall:

- Ensure personal and personnel safety
- Stop or reduce the source of the spill or leak
- Contain the spill or leak
- Initiate clean up of the spill or leak
- Report the spill or leak to the Camp Coordinator
- Fill out a NWT Spill Report form and submit

In the event of a **Major** or an **Emergency** spill or leak, the first person on site, if not the Camp Maintainer, shall:

- Contact and report the spill or leak to the Camp Maintainer
- If the Camp Maintainer cannot be found, contact and report the spill or leak to the Camp Coordinator

In the event of a **Major** or an **Emergency** spill or leak, the Camp Maintainer, shall:

- Ensure personal and personnel safety
- If required, shut off all electrical power
- If required, evacuate the buildings
- If possible, stop or reduce the source of the spill or leak
- If possible, contain the spill or leak
- If required, call for assistance and remain at the site and assist with response as needed when help arrives
- Initiate clean up of the spill or leak
- Report the spill or leak to the Camp Coordinator
- Fill out a NWT Spill Report form and submit

## **Emergency Response Procedures for Propane Spills or Leaks**

In the event of a spill or leak, the first person on site, if not the Camp Maintainer, shall:

- Contact and report the spill or leak to the Camp Maintainer
- If the Camp Maintainer cannot be found, contact and report the spill or leak to the Camp Coordinator

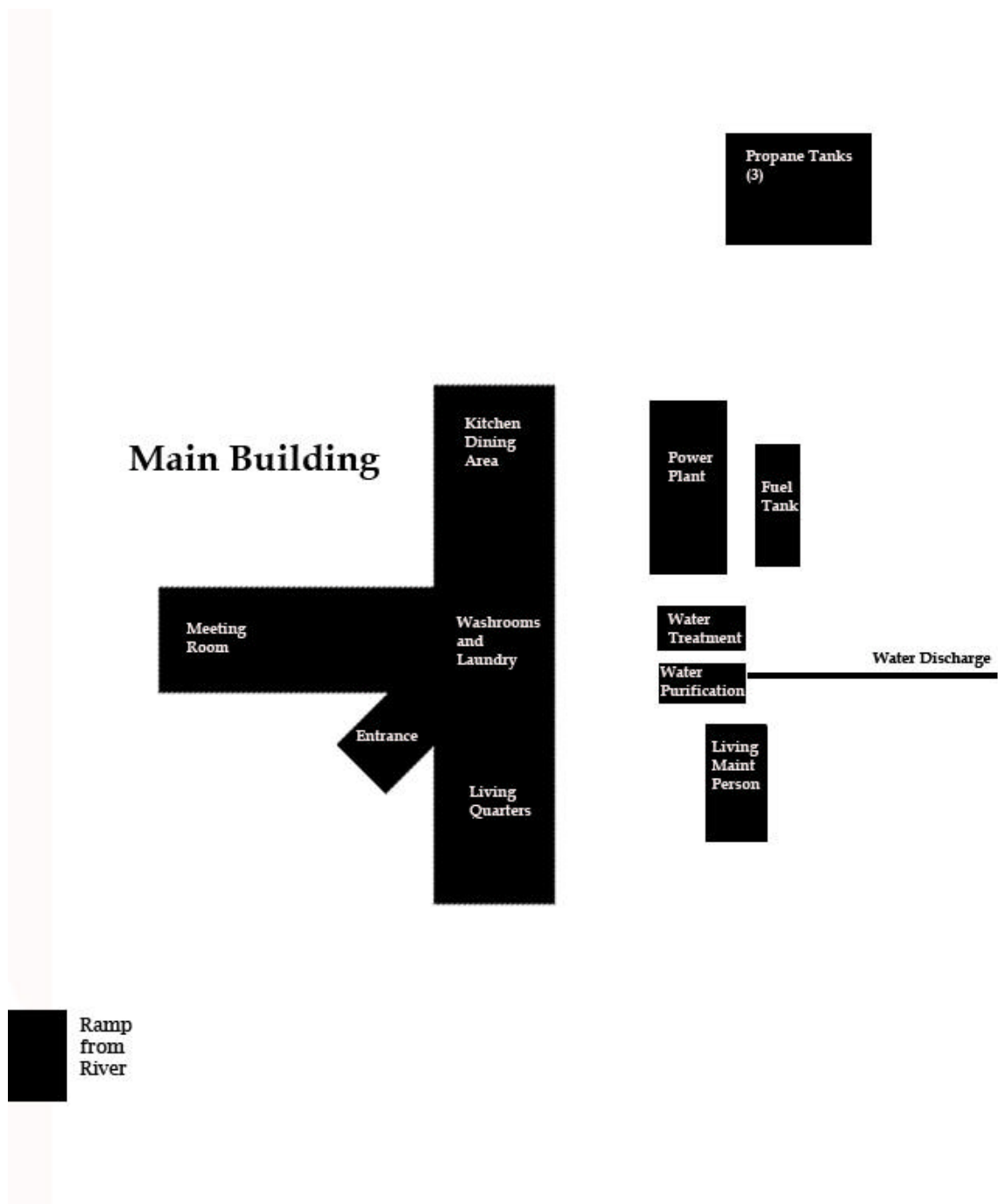
In the event of a spill or leak, the Camp Maintainer, shall:

- Ensure personal and personnel safety
- If required, shut off all electrical power
- If required, evacuate the buildings and the area
- If possible, stop or reduce the source of the spill or leak
- If possible, contain the spill or leak
- If required, call for assistance and remain at the site and assist with response as needed when help arrives
- Initiate clean up of the spill or leak
- Report the spill or leak to the Camp Coordinator
- Fill out a NWT Spill Report form and submit

**Contacts:**

Camp Coordinator	Denise Kurzewski Phone: (867) 777- Cell: (867)
Camp Maintainer	Phone: (867) 777- Cell: (867)
NWT Spill Line	Phone: (867) 920-8130 Fax: (867) 873-6924
Inuvik Regional Hospital	Phone: (867) 777- 8000
Inuvik Fire	Phone: (867) 777- 2222
Inuvik RCMP	Phone: (867) 777- 1111
Inuvik Ambulance	Phone: (867) 777- 4444

# Map of Gwich'in Camp





# NWT SPILL REPORT

(Oil, Gas, Hazardous Chemicals or other Materials)

24 – Hour Report Line  
Phone: (867) 920-8130  
Fax: (867) 873-6924

<b>A</b> Report Date and Time	<b>B</b> Date and Time of spill (if known)	<b>C</b> <input type="checkbox"/> Original Report <input type="checkbox"/> Update no. _____	Spill Number
<b>D</b> Location and map coordinates (if known) and direction (if moving)			
<b>E</b> Partly responsible for spill			
<b>F</b> Product(s) spilled and estimated quantities (provide metric volumes/weights if possible)			
<b>G</b> Cause of spill			
<b>H</b> Is spill terminated? <input type="checkbox"/> yes <input type="checkbox"/> no	<b>I</b> If spill is continuing, give estimated rate	<b>J</b> Is further spillage possible? <input type="checkbox"/> yes <input type="checkbox"/> no	<b>K</b> Extent of contaminated area (in square meters if possible)
<b>L</b> Factors effecting spill or recovery (weather conditions, terrain, snow cover, etc.)		<b>M</b> Containment (natural depression, dikes, etc.)	
<b>N</b> Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials			
<b>O</b> Do you require assistance? <input type="checkbox"/> no <input type="checkbox"/> yes, describe:		<b>P</b> Possible hazards to person, property, or environment, eg. fire, drink water, fish or wildlife	
<b>Q</b> Comments or recommendations			<div style="text-align: center; border-bottom: 1px solid black; padding: 2px;"><b>FOR SPILL LINE USE ONLY</b></div> <div style="padding: 2px;">Lead agency</div> <hr style="border: 0; border-top: 1px solid black; margin: 2px 0;"/> <div style="padding: 2px;">Spill significance</div> <hr style="border: 0; border-top: 1px solid black; margin: 2px 0;"/> <div style="padding: 2px;">Lead Agency contact and time</div> <div style="padding: 2px;">_____</div> <div style="padding: 2px;">_____</div> <div style="padding: 2px;">_____</div> <div style="padding: 2px;">Is this file now closed? <input type="checkbox"/> yes <input type="checkbox"/> no</div>
Reported by	Position, Employer, Location	Telephone	
Reported to	Position, Employer, Location	Telephone	

NWT 1752/0202