

**5050 Nunavut Limited**  
**License No. KTL306C016,**  
**McGregor Lake Campsite Renewal/Amendment, 2008**  
**Non-Technical Project Description**

## **1. Introduction**

5050 Nunavut Limited (5050 Nunavut), presently holds a Kitikmeot Inuit Association (KIA) Land Use License KTL306C016 permitting a camp (with airstrip), staking & prospecting, exploration (geophys-grd/air) drilling and bulk fuel storage at McGregor Lake. The purpose of the camp is to support exploration activities associated with their Mackenzie Igneous Event (MIE) and Bear Valley Uranium exploration projects in the area. The KIA Land Use License is valid until July 15, 2008.

This license was originally proposed to establish a new camp at Iceberg Creek along the southwest shore of McGregor Lake, however, as an alternative to setting up a new camp, the KIA suggested 5050 Nunavut use an abandoned exploration camp (now known as the McGregor Lake Campsite) along the north shore of McGregor Lake. This alternative location was used historically by other mining companies (Figure 1-1).

5050 Nunavut is requesting an amendment and renewal of KTL306C016 to conduct a 10,000 m drilling program on their MIE and Bear Valley property and intends to use the McGregor Lake Campsite to support these activities. To facilitate this drilling program, the camp will be expanded to accommodate 25 – 30 personnel.

## **2. Schedule**

The camp will be operational from February to October, and will be shutdown from November to February.

## **3. Structures**

To minimize construction, 5050 Nunavut will make use of several existing structures at the campsite, making additions only where necessary. Several sleepers will be added to the existing ones to accommodate the increase in camp size. An addition will also be made to the existing core shack to accommodate a Geologist's Office. The following provides a list of the structures planned for the camp.

<b>Structure Type</b>	<b>New or Existing Structure</b>	<b>Approximate Dimensions</b>	<b>Number</b>
Core Shack	New	20ft x 30ft	1
Geologist's Office w/ existing core shack	Existing	34ft x 20ft	1
Drill Foreman Office	Existing	14ft x 16ft	1
Kitchen	Existing	30ft x 16ft	1
First Aid	Existing	14ft x 16ft	1
Generator Room	Existing	10ft x 10ft	1
Dry	Existing	34ft x 20ft	1
Sleeper (insulated tent accommodation)	Existing	16ft x 20ft	6
	New	14ft x 16ft	5
Outhouse	Existing	9ft x 9ft	1
Pacto Toilets	New	9ft x 9ft	2

## 4. Equipment

The following is a list of the equipment that will be present and used at the McGregor Lake Campsite.

Equipment Type	Number	Size/Ground Pressure	Use
Caterpillar D6M with Low-ground pressure tracks (LGP)	1	15,000kg /4.71 psi	Site maintenance & ice airstrip construction
Sled	1	2,300kg/ 5cm ground indent	Site maintenance & ice airstrip construction
Bobcat	1		Site maintenance & ice airstrip construction
Snowmobiles	15	Various/minimal	Transportation
Hydracore 2000 diamond drill	2	Maximum depth of 800m with BTW	Drilling
Helicopter (AStar B2)	1	-	Pick and drop of crew and equipment (support)

## 5. Fuel Volumes and Spill & Contingency Plan

Please refer to the McGregor Lake Campsite Spill and Contingency Plan for fuel handling techniques and spill response. The table below outlines fuel types and volumes to be stored at the campsite.

Fuel Type	Container Type	Number of Containers	Container Capacity (litre)	Total Volume to be Stored On-Site
Diesel (P-50)	Barrels	100	170L	17,000L
Gasoline	Barrels	10	170L	1,700L
Jet B	Barrels	300	170L	51,000L
Propane	Barrels	10	100 lb tank	1000 lbs
Lubricants & Oils	Plastic Jugs	25	20L	500L

## 6. Waste Disposal

**Sewage** – Collected with a “Pacto toilet system” (which requires no water, electricity, or sewage system) and will be burned in the onsite incinerator.

**Grey water** – Biologically treated in a sump located 100m from the high water mark.

**Combustible solid waste** – Will be burned daily in the onsite incinerator

**Non-combustible solid waste & bulky items** – packaged up and flown to Yellowknife for landfill disposal.

**Waste oil/hazardous waste** – Fuels present on site will be incinerated or used for heating purposes. There will be no hazardous waste material on the project site.

**Empty barrels/fuel drums** - Sealed and flown to an approved disposal facility in Yellowknife or Kugluktuk.

## 7. Existing Environment

The project is in the exploration stage; therefore baseline studies have not yet been conducted. An inspector from INAC visited the camp on August 11, 2007, and collected water samples from different areas in the vicinity of the camp and drill sites. Please refer to the McGregor Lake Campsite Detailed Project Description for a literature review of local flora, fauna, and environmental conditions.

## 8. Environmental Impacts

The environmental impact is expected to be minimal. The camp layout and use of existing structures will minimize surface disturbance. Food will be stored inside closed buildings and garbage will be incinerated daily to avoid attracting animals. Campsite activities, including fuel storage and refuelling, will be conducted a minimum distance of 30m from any water body.

The drill rigs will be flown to the drill locations to limit ground disturbance. Based on the type of mineral being explored, the drill activities will be conducted a minimum distance of 30 to 100m from any water body. 5050 Nunavut will inform the helicopter pilots of the general locations of the muskox herds and will either bypass them or increase altitude to minimize the noise level on the ground. If bears are nearby, work will be aborted. Falcon nests will also be avoided.

## 9. Reclamation

Please refer to the McGregor Lake Campsite Abandonment and Restoration Plan.

## 10. Local Employment

5050 Nunavut will hire up to 9 local workers as camp field staff through Kikiak Construction in Kugluktuk. Further positions will be offered for cooking and cleaning staff.