

Name of the Plan

Northern Networks Ltd.
Abandonment & Restoration Plan

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1. Introduction

Northern Networks Ltd was incorporated under the laws of the NWT/Nunavut and presently leases two (2) hectares for a camp and landing strip on two Inuit Owned Land parcel AR-27/65H located at Henik Lake, Nunavut. .

The camp is located between the narrows separating North Henik Lake and South Henik Lake, approximately 120 miles west of the community of Arviat. The camp is utilized for big game hunts, fishing as well as camp and equipment rentals to exploration companies.

Northern Networks Ltd. presently holds a Kivalliq Inuit Association (KIA) Commercial Lease KVCL102J256 permitting a camp for multiple use (with airstrip). The Lease is valid until June 14, 2012.

This Spill and Contingency Plan is in support of any activities conducted by and shall be in effect when approval is obtained by the appropriate authorizing agencies, and is subject to revisions as may be necessitated.

1.1 Expected Environmental Impacts of Campsite and Exploration Activities

Little environmental impact is anticipated from the use of the Henik Lake Campsite. The proposed camp area was chosen because it will avoid any additional surface disturbance in the area as there is an existing airstrip at the location. During the winter shut-down, the camp will be winterized.

Table 2-1 Campsite Structures to be Left On-Site in a Short Term Temporary Closure (Less than

Structure Type	New or Existing Structure	Approximate Dimensions	Number
Uninsulated storage shack	Existing	14ft x 16ft	1
Dry & washroom facility	Existing	14ft x 28ft	1
Dining Tent	Existing	14ft x 20ft	1
Kitchen	Existing	14ft x 16ft	1
First Aid	Existing	14ft x 16ft	1
Generator Room	Existing	6ft x 6ft	1
Sleeper (Weatherhaven Tent)	Existing	14ft x 16ft	3
Sea Container	Existing	10ft x 20ft	1
Outhouse	Existing	4ft x 4ft	1

2. CAMP & EXPLORATION OPERATIONS

The following details maintenance that is completed on a continuing basis throughout the land use operation, seasonal closures, and temporary shutdowns.

2.1 Campsite

The camp will be maintained in a tidy and orderly fashion. Upon arriving at the camp, all staff will be trained in camp rules such as the Spill Contingency Plan, camp operations, and waste management.

In the case of short term temporary shutdown (less than a year), all portable wooden structures (survival shacks, generator shacks, etc.) will be stored in the campsite area and all portable equipment will be stored in sheds and locked up. The kitchen will be inspected and all food will be removed to decrease the potential for attracting animals. The kitchen, dry and insulated tents will be closed and battened down. All garbage will be incinerated or removed to an approved municipal discharge site in Arviat.

2.2 Fuel Storage

All fuel storage and handling is guided by the procedures set out in the Spill and Contingency Plan. Empty drums used during the exploration program will be regularly rotated out of camp by fixed wing aircraft in order to be re-filled and then returned to camp during annual pre-exploration resupply programs. Any empty drums that are deemed not fit to hold fuel are back hauled to Arviat and disposed of at approved facilities.

2.3 Campsite Sewage Disposal

Honey buckets will be used at the campsite. The waste will be dumped into a pit privy and treated with lime on a daily basis.

2.4 Solid Waste

All camp and kitchen wastes will be incinerated daily in the home made 45 gallon drum burning barrel. Any waste that cannot be burned will be stored in barrels and shipped to Arviat for disposal. In the case of temporary shutdown, all waste will either be burned or removed.

There will be a comprehensive waste segregation strategy designed to reduce and control the volumes of wastes produced. This strategy includes the separation of non-food waste items suitable for storage and subsequent transport to Arviat for disposal or recycling. The following solid waste will be separated for transport to Arviat for disposal and recycling

- Waste wood treated with preservatives such as creosote, pentachlorophenol
- Heavy metal solutions should not be burned
- Plastics
- Electrical wire

2.5 Waste Oil

Waste oil volumes from the camp and related activities will be removed and transported to Arviat for disposal.

2.6 Water Intake

The water intake will be located on McGregor Lake using a 'hose & float system' which will suspend the intake pipe on the water surface with the intake located on the float. The intake end of the pipe will be equipped with a screen to avoid fish entrapment. The screen size will be determined following the calculations outlined in DFO's Freshwater Intake End-of-Pipe Fish Screen Guidelines. In the case of temporary shutdown, the water intake pump will be shut off.

2.7 Generator

The generators will receive regular maintenance. The generator shack will be equipped with a drip pan, spill kit, and absorbent matting should there be a spill of gas while filling the generator. In the case of temporary shutdown, the generators will be turned off, and the shack will be closed and locked.

3. FINAL ABANDONMENT AND RESTORATION

The final abandonment and restoration plan provided below includes the time frame, discussion about the camp, discussion regarding fuel storage and re-fuelling areas, grey water disposal, solid waste disposal, waste oil and hazardous wastes disposal, bulky items. In addition, the section discusses abandonment and restoration at the water intake system, the helicopter landing pad and generators.

3.1 Time Frame

The camp is only used on a seasonal basis from June to September each year. If campsite has to be removed or relocated, the following procedures will be followed to allow for proper abandonment and restoration of the camp area.

3.2 Camp

When the camp is no longer required all structures erected, temporary buildings, machinery, equipment, materials, fuel drums, storage containers, and any other items used in connection with the camp will either be burned or removed from the site. The disturbed areas will be stabilized and restored as close as possible to a pre-disturbed state.

3.3 Fuel storage and re-fuelling areas

Upon closure all fuel drums will be removed and the non-reusable drums will go to the Arviat land fill. If there is any hydrocarbon contamination resulting from activities the contaminated materials will be removed, the area will be stabilized and restored as close as possible to a pre-disturbed state.

3.4 Grey-water Sump

At time of closure all camp sumps will be backfilled, re-contoured, stabilized, and restored as close as possible to a pre-disturbed state.

3.5 Solid Wastes

At the time of closure most wastes will be burned. Any waste that cannot be burned will be placed in barrels and removed to the Arviat landfill.

3.6 Waste Oil

All waste oil will be removed and disposed of in Arviat.

3.7 Water Intake

Upon closure the water intake pipe, float and pump will be removed, and backhauled with other equipment headed for Arviat.

3.8 Generators

Upon closure the generator shacks will be removed from the site. If there is any hydrocarbon contamination resulting from activities the contaminated materials will be removed, the area will be stabilized and restored as close as possible to a pre-disturbed state.