

# NORTHQUEST LTD ABANDONMENT AND RESTORATION PLAN PISTOL BAY PROJECT, NUNAVUT

# **Table of Contents**

	Page
1. Preamble	1
2. Introduction	1
3. Background Information on the Campsite	1
4. Schedule	1
5. Infrastructure	1
6. Seasonal Shutdown	2
7. Final Abandonment Plan	3
8. Contact Numbers for Relevant Organizations	4

# Pistol Bay Project, Nunavut

## **Abandonment and Restoration Plan**

# 1. Preamble

This Abandonment and Restoration Plan (A&R) is in effect until the expiry of Northquest's water licence and land use permits, whose extensions are currently being applied for, and applies to the work areas planned for the Pistol Bay property. These work areas lie within the municipal boundary of Whale Cove and on crown land. Northquest Ltd has received permission from the Whale Cove Hamlet Council to carry out planned activities.

Questions or concerns regarding this Plan can be directed to Dwayne Car, VP Exploration, Northquest Ltd at (705) 694-5777 or <a href="mailto:dwayne.car777@gmail.com">dwayne.car777@gmail.com</a>.

## 2. Introduction

This (A&R) has been prepared for one temporary campsite and proposed diamond drilling on Northquest's Pistol Bay project. The campsite will be located at 62 21 05.2N, 92 45 19.7W. The site is located on an existing road that is capable of permitting standard vehicular travel. This road is part of a road system that the Whale Cove Hamlet has constructed to allow for easy access to the mouth of the Wilson River for its residents.

The camp will consist of aluminum framed 14' by 16' tents on plywood floors, a plywood kitchen, a plywood core logging tent, and can accommodate up to 25 people.

Exploration based out of the camp will consist of prospecting and diamond drilling.

# 3. Background Information on the Campsite

The site is located on a wave-modified, flat-topped esker and is situated on an existing road that is capable of permitting standard vehicular travel. This road is connected to a road system that the Hamlet of Whale Cove constructed to allow for easy access to the mouth of the Wilson River for its residents.

## 4. Schedule

The effective date of the plan is June 25, 2015.

The restoration of the camp will occur when the program has been completed and will be finished prior to expiration of the renewed water licence, unless another renewal is applied for. Each drill site will be restored as soon as the drill is moved to a new location.

## 5. Infrastructure

Structures: Eleven x 14' x 16' Weatherhaven sleep tents heated with propane

One 14 x 32' plywood kitchen heated with propane

One 14' x 16' plywood coreshack heated with propane One 14' x 16' Weatherhaven dry heated with propane

One 14' x 16' Weatherhaven core cutting tent One 14' x 16' Weatherhaven storage tent

One 14' x 20' Weatherhaven office tent heated with propane

One 8' x 8' plywood generator shack

Two plywood outhouses

One heli-pad

One fuel cache stored in four "Insta berms" equipped with water drains Spill response equipment located beside fuel berms and heli-pad

Machinery One Ford F250 pick up

Four 500 cc Honda ATV's

Two 650 cc Ski Doo snowmobiles One 7.5 kW diesel generator One 15 kW gasoline generator One 50 cc Honda water pump One A Star B2 helicopter

One D1 Discovery hydraulic diamond drill

Two D2 Discovery diamond drills

Two diesel water pumps for diamond drills

A map showing the location of the proposed campsite and drill sites is attached, along with photographs of the camp and fuel berms.

# 6. Seasonal Shutdowns

# **Buildings and Contents**

All doors on the Weatherhaven tents will be screwed shut before the camp is closed for the winter. All windows and doors on the plywood kitchen and core logging tent will be covered with plywood.

## **Vehicles**

The ATV's snowmobiles will be stored inside one tent. The pick-up will be stored in Whale Cove.

## **Water System**

The pump and hoses will be drained. All will be stored in the winterized kitchen tent for the winter.

# **Fuel and Chemical Storage**

An inventory of fuel will be made at the end of each season and all drums will be inspected for possible leaks. The fuel will remain stored in the portable "Insta Berm" fuel berms. All empty drums will be temporarily stored at the Whale Cove airport before being used by the municipality of Whale Cove, or being crushed and disposed of at the Whale Cove municipal dump. All empty propane cylinders will be returned to Churchill, Manitoba.

Drill additives and unused salt will be stored in the storage tent.

### Waste

# Combustible Waste

All combustible waste will be transferred to the Whale Cove municipal dump for burning.

# Non-Combustible Waste

All non-combustible waste will be transferred to the Whale Cove dump for disposal. This waste will only consist of metallic materials such as cans and steel strapping and wire.

Used batteries will be transported to Ontario for disposal.

## **Used Motor Oil**

Used motor oil will be flown in 45 gallon drums to Arviat, for final disposal in the Hamlet's waste oil furnace.

# **Grey Water Sump**

The sump will remain buried at the end of the season.

# <u>Sewage</u>

The outhouse sumps will be buried at the end of the season.

#### **Drills and Drill Sites**

Prior to shutting down for the season, the D1 drill and all ancillary equipment will be moved back to the main campsite. The two D2 drills will be mothballed and stored at the Vickers drill site.

All drill sites will be inspected upon completion of each hole. All combustible and metallic waste will be collected and sent to the Whale Cove dump site. All sumps will be filled in and casing will be cut off to ground level. Photographs of each drill sites before and after drilling will also be taken for inclusion the annual report that is sent to the NWB.

# **Contamination Clean Up**

Any soil at camp or the drill sites that has been contaminated will be treated according to procedures outlined in the Fuel Spill Contingency Plan. The soil will be transferred to the Whale Cove dump site for incineration.

# **Inspection and Documentation**

A complete inspection of all disturbed areas at the camp and drill sites will be conducted prior to seasonal closure of the project. A full inventory of equipment will be made. Photographs will be taken of the campsite after it has been winterized.

## 7. Final Abandonment and Restoration

## **Tents and Contents**

All tents and structures will be dismantled and removed, using a local contractor. Removal will be carried out with a tandem truck. All material will be taken to the Whale Cove airport for final distribution to Manitoba and Arviat.

# Equipment

All equipment including the diamond drill, pumps and generators will be removed from the project site by truck and helicopter. All material will be taken to the Whale Cove airport for final distribution to Manitoba and Arviat.

#### **Fuel Cache and Chemicals**

All fuel drums and chemical containers will be removed from the site. All sites that contained fuel will be inspected and any contamination will be dealt with according to the Fuel Spill Contingency Plan. Final photos of the fuel cache site will be taken.

## Sumps

All sumps will be inspected and backfilled. Final photos will be taken and forwarded to the NWB.

# **Camp Site**

A final inspection will be made. Photos will be taken and forwarded to the NWB.

# **Core Storage**

All drill core will be removed from the site unless specified otherwise by by the Nunavut government.

#### **Drill Sites**

All drill sites will be inspected upon completion of each hole. All waste will be collected and transferred to the Whale Cove municipal dump site. All sumps will be backfilled. Each drill collar will be cut off to ground level. Photographs of each site will be taken and forwarded to the NWB.

# **Contamination Clean Up**

Any contamination will be treated according to procedures laid down in the Fuel Spill Contingency Plan. Any contamination and subsequent clean up will be documented with photographs. All waste will be transferred to the Whale Cove municipal dump for incineration.

# **Inspection and Documentation**

A complete inspection of all areas will be conducted prior to closure. Photographs will be taken for use in the final report. All appropriate agencies will be contacted upon final clean up.

# 8.0 <u>Contact Numbers for Relevant Organizations</u>

Whale Cove Hamlet Office - (867) 896-9961

Northquest Ltd – (416) 306-0954

NT - NU Spill Hot Line - (867) 920-8130

Henik Lake Adventures Ltd (owner of camp equipment) (867) 857-2978