# **Anialik Project Abandoment and Restoration Plan**

### INTRODUCTION

The following plan applies to the Anialik River Project operated by North Arrow Minerals Inc. ("North Arrow"). This project, located in the West Kitikmeot Region of Nunavut, approximately 180km southeast of Kugluktuk, consists of both Inuit-Owned Lands (surface and subsurface rights) and mineral claims on Crown Lands.

### **DESCRIPTION OF FACILITY**

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Facility - 9-16 Person Camp (Rush Lake Camp)

<u>Locations</u> –Fuel will be stored in the appropriate facility a safe distance from the accommodations and the required distance from water bodies.

Size - Fuel stored above ground in sealed 205 litre (45 gal.) steel drums.

Storage Capacity – Maximum fuel stored at camp (if drilling program carried out) will typically be 60 drums (12,300 litres) of Jet-B, 60 drums of diesel (12,300 litres), 4 drums reg gasoline (820 litres) plus six (6) 100lb-propane tanks.

A minor amount of fuel will be stored for no more than four days at the drill site, and removed promptly upon completion of each drill hole. On-site storage will be a safe distance from drilling activities, with fuel stored in sealed steel drums. Maximum fuel storage will be 6 drums (1,230 litres) of diesel and 4 drums of Jet B (820 litres), plus two (2)100lb propane tank.

Description of the type and amount of potential contaminants normally stored the Rush Lake camp during occupation:

JET B fuel for the helicopter – 12,300 litres (60 drums)

Propane for cooking, heating, etc. - Six (6) 100 lb. tanks

Diesel – 12,300 litres (60 drums)

Oil - Several Cases of 4 Cycle Engine Oil

Reg Gasoline – 820 litres (4 drums)

Description of the type and amount of potential contaminants normally stored at drill site:

JET B fuel for the helicopter - 820 litres (4 drums)

Diesel for the drill - 1,230 litres (6 drums)

Propane for heating, etc. - two (2) 100 lb. tank

<u>Storage Location -</u> Drums will be stored on flat stable terrain during the summer to reduce chances of a leak. If available a natural depression situated well away from water bodies will be utilized for storage.

# SEASONAL CLOSURES

The exploration season for the Anialik River Project typically runs from July to September of each year. If necessary, spring drilling programs might be carried out from March to June. The following details both the seasonal winterization procedures as well as the ongoing maintenance and restoration procedures that are practiced on a continuing basis throughout the land use operation:

### **Drill Hole Locations**

- After completion of the hole (on average less than one week) all garbage, fuel, the drill and drill related equipment will be removed.
- On-ice drill cuttings will be scraped clean and removed to an on land sump located more than 30m from the ordinary high water mark on an on-going basis.
- All drilling sumps (if used) will be back-filled, burying the cuttings and sludges if appropriate.
- Each drill site will be inspected to ensure that all garbage (combustible and noncombustible) has been collected and removed from the area.
- If the crew members discover waste of any type left behind by others, every effort will be made to remove it from the area and have it disposed of in an acceptable manner.
- A final inspection of the site will ensure that there is no remaining material at the site
  ensuring that there is little/no evidence of North Arrow's land use operation upon
  completion of the drill hole.

# Fuel Storage

- All fuel storage and handling is to be guided by the procedures set out in the Spill Contingency Plan for the Anialik River Project.
- Empty fuel drums are to be regularly backhauled to Yellowknife for proper disposal.

# Camp

- Waste is to be regularly transported to Yellowknife for proper disposal.
- If sewage pits were utilized they will be back filled.
- Winterization of the facilities includes the storage of wooden tent floors, wooden tent frames and fuel caches at the camp location.

### FINAL ABANDONMENT & RECLAMATION

As work on the properties comprising the Anialik River Project is currently still in the "grass roots" stage of exploration activities it is not practicable at this time to subscribe to a definitive schedule for the conclusion of this land use operation, however upon its completion the following procedures will be followed to allow for proper abandonment and reclamation of the area:

### **Drill Hole Locations**

 As per the ongoing restoration procedures all drill holes are to be restored to previous conditions immediately upon completion of the hole.

### **Fuel Storage**

- All fuel storage and handling is to be guided by the framework set out in the Spill Contingency Plan for the Anialik River Project.
- Upon completion of the land use operation all empty fuel drums will be removed from the area for proper disposal and any remaining fuel caches will be moved to an approved/permitted storage location.

# Camp

- At the end of the program all camping materials, fuel drums, and drilling equipment (if applicable) will be removed from the site.
- At the end of the program all wood (tent floors, frames etc.) will be burned. The coals and ash will be raked for non-combustible items (i.e. nails etc) which will be collected and removed from the site.
- A last inspection will ensure that there is no remaining material at the site and that there
  is little/no evidence of North Arrow's land use activity upon completion of the operation