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# **CANOE LAKE PROJECT ABANDONMENT & RESTORATION PLAN**

Created: April 2006  
Effective: April 2006 –September 2008

## **INTRODUCTION**

The following plan applies to the Canoe Lake Project operated by Strongbow Exploration Inc. ("Strongbow"). This project, located in the West Kitikmeot Region of Nunavut, approximately 185km southeast of Kugluktuk, consists of both Inuit Owned Lands (surface and subsurface rights) and mineral claims on Crown Lands.

The Canoe Lake 2006 – 2007 field programs may include two diamond drill programs operated over 4-6 weeks and an optional surface exploration program. The drill programs are tentatively planned to run in two phases in the spring of 2006 and the summer of 2006 or possible spring of 2007.

The drill programs would operate from a temporary camp on Canoe Lake over a period of approximately 6 weeks. This camp would include 5 drillers, 2 geologists, 1 pilot, 1 engineer, and 1 cook/first aid attendant for a total population of 10 people.

If the optional surface exploration program (mapping, prospecting, soil sampling, and ground geophysical surveys) were to be conducted concurrently with the drilling program an additional 2 geologists, 2 assistants, 2 geophysicists, and possibly a cook's helper would be required causing the total camp population to rise to 17 personnel.

A helicopter would be utilized for drill moves, camp support and the transport of field crews.

## **DESCRIPTION OF FACILITY**

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Facility – 10-17 Person Camp (Canoe Lake Camp)

Locations – Fuel will be stored in the appropriate facility a safe distance from the accommodations and well away (>100m) from water bodies

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

Storage Capacity – Maximum fuel stored at camp will typically be 19 drums (4100 litres) of Jet-B and/or diesel, two (2) 100lb-propane tanks and 25 liters of gasoline for operation of the water pump.

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 4 drums (820L) of diesel and 2 drums of Jet B (410), plus one (1) 100lb propane tank and several cases of

*(d) Description of the type and amount of potential contaminants normally stored at the Canoe Lake camp during occupation:*

JET B fuel for the helicopter – 4100 litres (10 drums)  
Diesel - 4100 litres ( 9 drums)  
Propane for cooking, heating, etc. - Four (4) 100 lb. tanks  
Oil – Several Cases of 4 Cycle Engine Oil  
Gasoline for water pump – 25 litres

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

JET B fuel for the helicopter – 410 litres (2 drums)  
Diesel for the drill - 820 litres (4 drums)  
Propane for heating, etc. - One (1) 100 lb. tank

Storage Location - 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.

## **ABANDONMENT AND RESTORATION PLAN**

### **SEASONAL CLOSURES**

The 2006 and 2007 exploration season for the Canoe Lake Project will typically be between May to September of each year, weather permitting. 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**

- Each drill hole will be restored to previous conditions after completion of the hole (on average less than one week).

- 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.
- All fuel drums and drilling equipment will be removed from the site immediately upon completion of each hole.
- Each drill site will be inspected to ensure that all garbage (combustible and non-combustible) 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 Strongbow'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 Canoe Lake Project dated April 2006
- Empty fuel drums are to be regularly backhauled to Yellowknife for proper disposal.

### **Camp**

- All combustible refuse is to be incinerated in a burn barrel on a regular basis throughout the occupation of the camp.
- Non-combustible waste is to be regularly transported to Yellowknife for proper disposal.
- When closing the camp for the season all gray water sumps and sewage pits at the camp are to 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 Canoe Lake 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 Canoe Lake Project dated April 2006.
- 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.
- Gray water sumps and sewage pits at the camp will be back-filled.
- All remaining garbage will be incinerated in a burn barrel.
- 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. The remaining coals will be buried.
- A last inspection will ensure that there is no remaining material at the site and that there is little/no evidence of Strongbow's land use activity upon completion of the operation