



DUNSMUIR
VENTURES LTD

**AMENDMENT TO
ABANDONMENT AND RESTORATION PLAN**

**NANUQ PROJECT, NUNAVUT
WAGER BAY, KIVALLIQ, NUNAVUT**

NWB LICENCE NWB2NAN0305

LAND USE PERMIT N2003C0016

CAMPSITE AND MINERAL EXPLORATION

**PREPARED FOR AND SUBMITTED TO:
NUNAVUT WATER BOARD**

**BY
DUNSMUIR VENTURES LTD.**

September 20, 2005

Introduction

This Abandonment and Restoration Plan is submitted by Dunsmuir Ventures Ltd. (DVL) as required by the Nunavut Water Board. The main headings for the abandonment and restoration activities and which apply to this site include:

- Buildings and other surface infrastructure
- Fuel and chemical storage areas
- Solid waste and sewage treatment
- Roadways and airstrip
- Underground openings
- Surface contouring and rehabilitation
- Schedule
- Cost estimate
- Current bonding requirements
- Closing comments

Buildings and other surface infrastructure

A camp consisting of 4 to 6 Weatherhaven canvas tents or equivalent with plywood floors will be established. These will be dismantled and removed from the area once the project has been completed. Any remaining material will be flown out or incinerated.

Fuel and chemical storage areas

All fuel drums will be removed from the area at the end of the work season, if not before.

Solid waste and sewage treatment

A latrine pit will be constructed in a sandy esker about 100 m from any water source. This pit will be treated with chloride of lime. An estimated 1 – 2 gallons of waste per day will be generated. This latrine pit will be infilled at the conclusion of the field season.

A sump pit will be dug in a sandy esker about 100 m from any water source. It is estimated that between 50 and 150 litres per day will be dumped into this pit. This sump pit will be infilled at the conclusion of the field season. All sumps will be contoured to match the surrounding landscape after they are infilled.

Incineration: A fire pit will be dug into sandy esker material (or a modified 200 L drum will be used) to incinerate flammable material, such as food waste, paper products, etc. Highly flammable material, such as gasoline or diesel, was used to aid in combustion. This fire pit will be located above the high water mark, and arranged in such a manner to prevent the contents from entering any water body frequented by fish. The pit will be infilled at the conclusion of the field season and non-combustible remains will be flown off-site to the Baker Lake garbage dump.

All sumps, garbage pits, latrine pits, etc. were and will be at least 100m from any water source and at least 450 m from camp.

Leachate monitoring will not be necessary.

The foregoing water supply and waste treatment disposal methods have been used and proven in cold climates.

Roadways and Airstrips

A flat, sandy esker/beach system will be used as an airstrip for twin otters on tundra tires. No modifications will be made to the natural flat, sandy area.

Underground Openings

There will be 2 underground openings at the camp site as follows: 1 latrine and 1 sump. These will be infilled at the end of each field season and contoured to match the surrounding landscape.

Soil Remediation

Should the soil become contaminated by petroleum hydrocarbons in the course of the project, Dunsmuir Ventures will ensure that the contaminated area will be bermed and contained, and remediated as per industry standards.

Schedule

It is Dunsmuir Venture's plan to do as much clean up each field season as possible in order to minimize and mitigate the following year's costs. However, this plan is weather-dependent, and it may be necessary to delay the demobilization of materials until the following year.