

**SPILL CONTINGENCY PLAN
East Bay**

**Grant Gilchrist
29 April 2008**

Land Use Permit / Reserve: Land Use Reserve #46 A/4-1-2
Site: East Bay Island, (Southampton Island)
Location: 64°01'47 N, 81°47'16 W

Description:

The site is located on a small granite island in East Bay, of Southampton Island. The camp is located at the edge of the small island (800 m x 400m). The camp is supplied by twin otter on skis in May, and then by zodiac boat from the south coast of East Bay (4 km away) in July and August. The base camp will consists of a small cabin (~ 2.5 x 3 m), and two canvas tents erected for cooking and equipment storage each year. These structures will rest on cobble-sized stones surrounded by little vegetation (a small amount of moss). There is no obvious watercourse near the base camp – water loss is by evaporation, or seepage into the gravel before reaching permafrost.

Fuel (gasoline, kerosene) will be stored near the camp, in small, 25 L gerry cans, or in a large, 205 L drum. These materials will be located on a flat location, with a small berm built around them in the event of a fuel spill. An emergency fuel spill kit with absorbent materials and protective gloves will be kept at the camp near the fuel storage in the event of a spill (we have had none in > 30 years of high arctic seabird work).

General Actions:

In advance of any possible spill, all people at the field site will be made aware of the protocols below, proper protocols for handling, storing and pouring fuel, and the contact information should a spill occur.

In the event of a fuel spill by the cabin;

- Do not flush materials into pond
- Ensure berm is performing to stop any movement of fuel
- Spills will be inherently small because little is stored at the site, so use absorbent materials in spill kit to soak up
- Notify Polar Shelf via 2-way radio, and have them notify the Spill Line

Nunavut Water
Board

MAY 02 2008

Public Registry

Contacts:

In the event of a spill, the following agencies must be contacted:

Polar Shelf in Resolute: (867) 252 3872, or use 2-way radio)

Spill Line: (867) 920 8130 Ph., (867) 873 6924 (FX)

Environment Canada in Iqaluit: (867) 975 4644

