

## **INTRODUCTION**

The purpose of Bathurst Inlet Lodges Fuel Spill Contingency Plan is to provide a plan of action for any spill event during the Company's operation in the Bathurst Inlet area of Nunavut.

This Plan provides the protocol for responding to spills (or potential spills) that will minimize health and safety hazards, environmental damage and clean-up costs as well as defining responsibilities of response personnel. This Fuel Spill Contingency Plan details the sites that operations will be conducted upon, describes the response organizations, action plans, reporting procedures and training exercises in place.

## **SITE INFORMATION**

The lodge is located at the mouth of the Burnside River where it meets the ocean. We have a guest capacity of 30 persons in multiple buildings which include:

- Generator shack
- Storage buildings (5)
- Old Church now used for accommodation
- Two 14X30 cabins
- One shower house for guests
- One 14X16 guest cabin
- One 20X30 guest cabin
- One main lodge with kitchen, dinning and lounge.
- One guest cabin of 40X40

One fuel cache with Spill Kit

Spill response equipment located outside generator shed.

## **RESPONSE ORGANIZATION**

**Camp Manager** – responsible for checking fuel drum conditions and evidence of leakage daily, assuring drip trays are in place and not overflowing; keeping spill kits and absorbent mats in good repair and accessible. If spill or likelihood of a spill occurs the Manager will immediately report to the **Project Supervisor**.

**Pilots and Visitor will be briefed** to report spills or potential spills to the **Project Supervisor**.

**Project Supervisor** will report any spill to the NWT 24-Hour Spill Report Line and initiate clean-up. Project Supervisor will request additional aid from external sources if deemed necessary. If one or more of these key personnel are absent from the site an alternative person will be named as either Camp Technician or Project Supervisor for the interim. Names of key personnel to be responsible for activating the spill contingency plan will be made available once crew members have been hired.

## **REPORTING PROCEDURE**

Communication of a spill will be verbal and in person. Any spills located off property will be immediately reported to the Project Supervisor.

A listing of the NWT 24 Hour Spill Report Line as well as other government contacts and company officials will be displayed adjacent to the satellite phone in camp. (See Reporting Procedure and Contacts below). **SPILL REPORTING PROCEDURE**

Fill, out “SPILL REPORT” as completely as possible before making the report.

Report IMMEDIATELY to Yellowknife using the 24-hour Spill Report Line.

**24-HOUR SPILL REPORT LINE (867) 920-8130**

**AND TO**

**DIAND WATER RESOURCES INSPECTOR (867) 975-4298**

NOTE: Telephone calls can be made collect by informing the Operator that you wish to report a spill.

RCMP communications may be used if other means are not available.

## **Additional Information or Assistance:**

### **Regulatory Bodies:**

Government of Northwest Territories

Pollution Control Division

Yellowknife Phone: (867) 873-7654

Department of Indian Affairs and  
Northern Development

Yellowknife Phone: (867) 920-8240

Environment Canada (Jim Noble) Phone: (867) 975-4644

24 Hour Pager Phone: (867) 920-5131

Yellowknife Phone: (867) 873-8185

Environment Canada Phone: (867) 975-4639

Iqaluit Emergency Pager: (867) 920-5153

Nunavut Water Board Phone: (867) 360-6338

Fax: (867) 360-6369

Environmental Protection Fax: (867) 975-5981

Government of Nunavut

Indian and Northern Affairs Canada Phone: (867) 975-4550  
Water Resources Manager Fax: (867) 975-4585  
Nunavut Regional Office  
Indian and Northern Affairs Canada Phone: (867) 975-4280  
Land Administration Minister Fax: (867) 975-4286  
Nunavut Regional Office  
Department of Fisheries and Oceans Phone: (867) 979-8000  
Nunavut Regional Office Fax: (867) 979-8039  
Manager Pollution Control and Air Quality Phone: (867) 975-5907  
RCMP Detachment Phone: (867) 896-0123

**A detailed report on each occurrence must also be filled out with the DIAND Water Resources Inspector no later than 30 days after initially reporting the event. The Spill Report Form is attached as Appendix I.**

## **INITIAL ACTION**

Stay alert and consider safety first. Identify the source of leak or spill and the type of product.

Assess the hazards to the persons in the vicinity of the spill.

Isolate or remove any potential ignition source.

Control danger to human life if possible.

Assess whether the spill can be readily stopped or brought under control.

If safe (and possible) try to stop the flow.

Report the spill to the Project Supervisor and to the NWT 24-hour Spill Report Line (867) 920-8130.

Initiate or resume clean-up.

## **ACTION PLANS**

Spills on Land (gravel, rock, soil and vegetation)

Trench or ditch to intercept or contain flow of fuel or petroleum products on land where feasible (loose sand, gravel and surface layers of organic materials are amenable to trenching/ditching-trenching in rocky substrates is typically impractical and impossible).

Where available, recover spills through manual or mechanical means including shovels, heavy equipment and pumps.

Absorb petroleum residue with synthetic sorbent pad materials.

Recover spilled and contaminated material, including soil and vegetation.

Transport contaminated material to approved disposal or recovery site. Equipment used will depend on the magnitude and location of the spill.

Land based disposal is only authorized with the approval of government authorities.

#### Spills on Water

Contain spills on open water immediately to restrict the size and extent of the spill

Fuel/petroleum products which float on water may be contained through the use of booms, absorbent materials, skimming and the erection of culverts.

If available deploy containment booms to minimize spill area, although effectiveness of booms may be limited by wind, waves and other factors.

Use sorbent booms to slowly encircle and absorb spilled material. These absorbent are hydrophobic (absorb and repel water).

Precautions need to be taken to ensure safety of personnel. Also, spilled product should be confined to control burning. These include areas where the spilled material has pooled naturally or been contained via dikes, trenches, depressions or ice slots. Prior to any attempts at in-situ burning, consultation with experts and approval by government authorities are required.

Site remediation will be completed as per the advice of government authorities.

## **7.0 RESOURCE INVENTORY**

### **Resources available on site:**

Trenching/digging equipment in the form of picks and shovels.

Pumps

Sheeting (tarps)

Plastic bags, buckets, empty drums for collection of contaminated material.

Spill Kits containing:

4 – oil sorbent booms (5" x 10')

100 – oil sorbent sheets (16.5" x 20" x 3/8")

1 – drain cover (36" x 36" x 1/16")

1 – Caution Tape (3" x 500')

1 – 1lb plugging compound

2 – pair Nitrile gloves

2 – pair Safety goggles

2 – pair Tyvek coveralls

10 – disposable bags (24" x 48")

### **Other Information:**

**The lodge has in the past operated for several months, however due to economic reasons for the past several years operations have been reduced and in 2013 we only operated for one week.**

**The lodge does not transport in any gasoline or diesel fuel directly. We purchase these products as required one drum at a time from the Government of Nunavut.**

**A very limited number of drums are used each summer. In 2013 we used approximately 2 drums of gasoline for boat and quad fuel and 5 drums of diesel for generators and heating. We do not have any storage containers of a bigger capacity than 45 gals.**