

Fuel Spill Contingency Plan

**Prepared for Neil Shubin and field crew
on June 29, 2011**

**Effective: July 6th, 2011
Expires: July 31st, 2011**

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Fuel Spill Contingency Plan

Our remote fly camp will have no motorized equipment (no vehicles, no power tools, nothing that uses gasoline). We will not have a generator or any power supply other than a hand held solar charger. The only fuel in camp will be one 5 gallon propane tank used for cooking when attached to a 2 burner Coleman Stove.

Location: The tank will be located in the right front door of the main kitchen tent.

Spill prevention: The tank will be turned off at the source and its fuel line after each use. The tank will be kept separate from the stove and other equipment. The team will carry two extra fuel lines and an extra seal to make repairs should such equipment require it.

Spill Response: As propane is a gas, and we will only carry five gallons, the best remediation is through rapid ventilation of the local area to allow the gas to escape and enter the air without condensation into a liquid. The response procedure is aimed at such a rapid action including:

1. Propane gas has a distinctive smell and crew will be instructed to act fast when it is encountered. All windows and doors to the tent will be opened to allow rapid ventilation.
2. The first action is to make sure that the leak is not due to open valves on the, stove burner, fuel line or tank. These will be checked then secured if necessary.
3. If the leak remains the gaskets and seals will be checked by olfactory assessment. Seals will be repaired as necessary.
4. Pending major leak, the tank will be removed from the tent allowing the gasses to be released to the air.

Polar Shelf RESOLUTE (867 252-3872) will be notified immediately in the case of #4 via satellite phone. Neil Shubin will report this directly.

POSTING: A laminated version of the above plan, with contacts will be posted prominently in our tent (a 10x10 foot nylon structure)



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130

FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

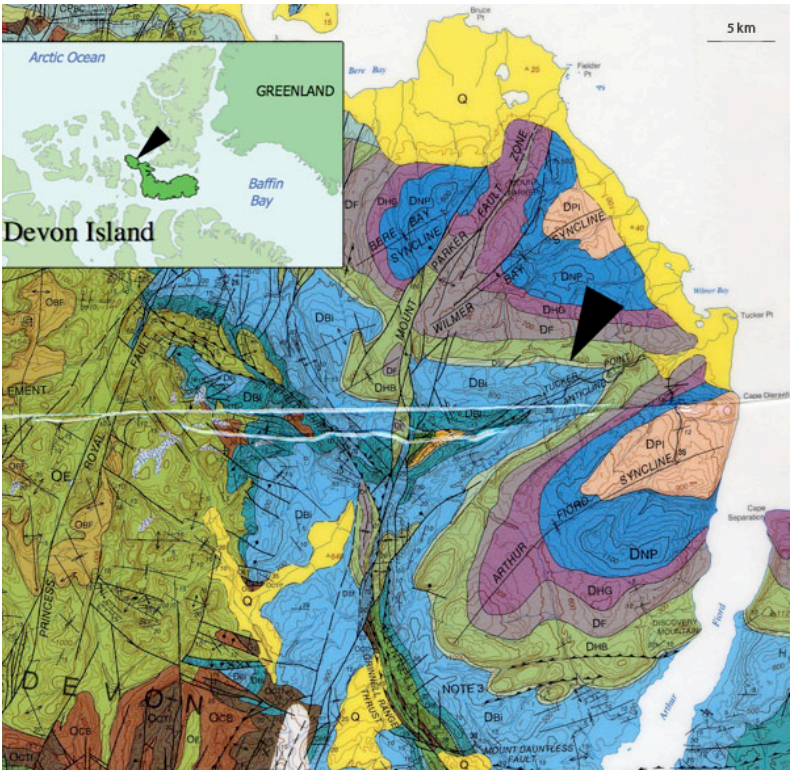
A	REPORT DATE: MONTH – DAY – YEAR		REPORT TIME		<input type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B OCCURRENCE DATE: MONTH – DAY – YEAR		OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
	D GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION				REGION <input type="checkbox"/> NWT <input type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE			LONGITUDE		
	DEGREES	MINUTES	SECONDS	DEGREES	MINUTES	SECONDS
F	RESPONSIBLE PARTY OR VESSEL NAME		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION			
G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
I	SPILL SOURCE		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES	
J	FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS					
L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE	
M	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE	

REPORT LINE USE ONLY

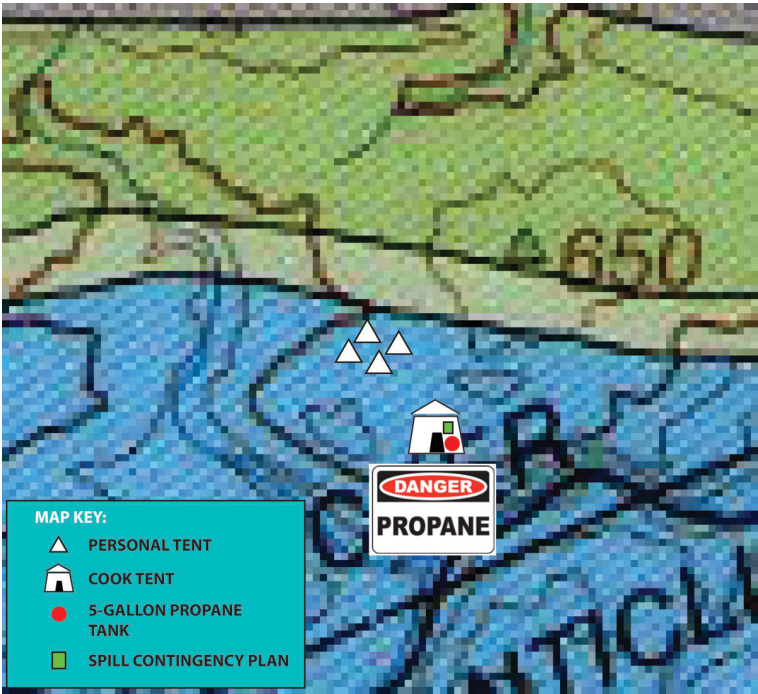
N	RECEIVED AT SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLED	REPORT LINE NUMBER
		STATION OPERATOR		YELLOWKNIFE, NT	(867) 920-8130
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY					
FIRST SUPPORT AGENCY					
SECOND SUPPORT AGENCY					
THIRD SUPPORT AGENCY					

Topographic map indicating location of camp, fuel, spill kits, camp infrastructure and any other relevant information:

Camp location:



Camp Infrastructure:



Contacts:

Neil Shubin

field phone: 881631457901

Indian and Northern Affairs Canada (INAC) Manager of Field Operations

Peter Kusugak: Telephone : 867-975-4295 Fax : 867-979-6445

Government of Nunavut-Department of Environment (GN-DoE)

Phone (867) 920 – 8130 Fax (867) 873 – 6924

Department of Fisheries and Ocean Canada (DFO)

1-800-265-0237 (24 hours)

NT-NU Spill Report Line and the Qikiqtani Inuit Association (QIA)

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca