

# **SPILL CONTINGENCY PLAN**

## **Environment Canada Belcher Islands Cabin**

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**Land Use Permit/Reserve:**

Qikitqani Inuit Association Q09XN06

**Site:** Environment Canadaa Eider Research Cabin, Belcher Island Archipelago

**Location:** 55° 49.361' N, 79° 53.925 W

**Person in Charge:** Grant Gilchrist, Research Scientist

National Wildlife Research Centre, Carleton University

1125 Colonel By Drive

Ottawa, Ontario

(613) 998-7364

**Person Responsible for Activating Spill Plan:** Camp Crew Leader; will change annually. For 2015: Joel Heath, telephone number not applicable because the remote camp does not have telephone land lines. Crew leader will notify appropriate agencies via satellite telephone or 2-way radio.

**Spill Plan Effective Period:** When field crews are present, generally January-March annually, but occasionally in the summer months as well.

**Description:**

The site is located on a thin peninsula on Flarherty Island, just west of Robertson Bay. The camp is accessed by Snowmobile from January to March annually. The base camp consists of a small cabin. This structure rests on solid rock surrounded by little vegetation (a small amount of moss), although we occupy it in the winter when it is covered by snow. There is a pond approximately 100m from the base camp.

Fuel (gasoline, propane) will be stored near the camp (above the ocean high water line), in small, 25L gerry cans and 20lb tanks. 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 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). When practical, all sumps will be located 30m above the high water line, and will be back-filled, mounded, and contoured to match surrounding landscape prior to leaving the camp. Current MSDS will be kept in a central location (the cabin office area) so as to be accessible to all personnel.

To reduce solid waste, packaging of material brought to the island will be kept to a minimum, and will be reused whenever possible.

**Spill Kit Contents:**

30 Absorbent Pads (Oil, Gas)  
15 Universal Absorbent Pads  
2 18" x 18" Oil Absorbent Pillows  
3 3" x 4' Absorbent Socks (Oil, Gas & Diesel)  
6 HD Hazmat Disposal Bags  
2 Pairs of Nitrile Gloves  
1 Spill Instruction Sheet  
1 Laminated List of Contents  
1 jar of "Plug N' Dike" hazardous leak sealant

**General Actions:**

In advance of any possible spill and upon arrival at the field camp, 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 in winter months;

- Notify research crew leader of the spill and its location so that they can activate the spill plan
- Do not flush materials into water courses
- 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
- Fill out the Nunavut Spill Report Form (Appendix 1)

In the event of a fuel spill by the cabin in summer months;

- Notify research crew leader of the spill and its location so that they can activate the spill plan
- Do not flush materials into water courses
- 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
- If any soils are contaminated from oil spill these will be small amounts due to the small amounts of fuel present. Contaminated soil should be packed up and brought back to Sanikiluaq for proper disposal.
- Notify Polar Shelf via 2-way radio, and have them notify the Spill Line
- Fill out the Nunavut Spill Report Form (Appendix 1)

**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
24-hour Nunavut Spill Line:	(867) 920-8130 Ph., (867) 873-6924 Fx
Peter Kusugac, INAC Manager of field operations:	(867) 975-4295 Ph, (867) 975-6445 Fx
Environment Canada in Iqaluit:	(867) 975-4644
Department of Fisheries and Oceans, Central and Arctic Regional Office	(204) 983-5000
Qikiqtanit Inuit Association	(867) 975 – 8400, or 1-800-667-2742





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 _____
	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	
<b>REPORT LINE USE ONLY</b>						
N	RECEIVED AT SPILL LINE BY		POSITION		EMPLOYER	
			STATION OPERATOR		LOCATION CALLED YELLOWKNIFE, NT	
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						

