

Elu Inlet SPILL CONTINGENCY PLAN

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Table of Contents

Section	Page
Land Use Permit/Reserve.....	3
Site.....	3
Location.....	3
Person in Charge.....	3
Person Responsible for Activating Spill Plan.....	3
Spill Plan Effective Period.....	3
Description of Field Site.....	3
Spill Kit Contents.....	4
Spill Plan Actions.....	4
Contacts.....	4
Appendix 1 Spill Report Form	
Appendix 2 Site Map	
Appendix 3 White Gas MSDS	
Appendix 4 Gasoline MSDS	

Inuit Land Parcel No: CB-08, CB-09, CB-10, CB-17, CB-18, CB-19, BB-61, BB-61, BB-64

Site: Survey area within 100km of Elu Inlet Lodge (see attached map - 68°32.13'N/105°40.12'W)

Location: Maximum latitude: 69°00'N, Minimum latitude: 67°00'N
Maximum Longitude: 110°00' W, Minimum Longitude: 103°00' W

Person in Charge: Martin Raillard
Chief Scientist
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Person Responsible for Activating Spill Plan:

Martin Raillard, crew leader, will notify appropriate agencies via satellite telephone or 2-way radio.

Spill Plan Effective Period: July 1-Aug 30, 2015

Description:

Crew and gear will be flown from Cambridge Bay to Elu Inlet by float plane, where a base camp will be established at the Elu Inlet Lodge in early July. Temporary (single day) camps will be established along transects up to 100km from Elu Lodge. Apart from the pre-existing lodge, the base camp will consist of 1-2 canvas tents for equipment storage. These structures will rest in areas with good drainage (on cobble-sized stones surrounded by little vegetation).

Fuel (gasoline, white gas) will be stored near the lodge (above the ocean high water line and >100m from any stream or water body), in small, 20L jerry cans (gasoline) and 4L jugs (camping fuel). 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 will be kept at the camp near the fuel storage in the event of a spill. 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 (designated by the camp leader) so as to be accessible to all personnel.

When hiking along transects (fly in camps) crew will carry camping fuel necessary for cooking in designated fuel canisters and bottles (1L or less)

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

Camp Spill Kit¹ Contents:

- 1 - 10' PIG® BLUE Absorbent Sock
- 1 - 48" PIG® BLUE Absorbent Sock
- 4 - PIG® Universal Mat Pads
- 6 - Tamperproof Labels

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;

- Notify research crew leader of the spill and it's 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 or satellite phone, and have them notify the Spill Line
- Fill out the attached Nunavut Spill Report Form (available at: <http://www.nunavutwaterboard.org>)

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-hourNunavut Spill Line:	(867) 920-8130 Ph., (867) 873-6924 Fx
Peter Kusugac, AANDC 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	Telephone: (519) 383-1813 or Toll-Free 1(866) 290-3731
Kitikmeot Inuit Association	(867) 983-2458

¹ Spill kit supplied by PCSP through TFSS