

SPILL CONTINGENCY PLAN

Belcher Island Archipelago Field Research

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Site: Belcher Islands Archipelago, Nunavut

Location: South Camp: 55° 49.361N, 79° 53.925W

North Camp: TBD within the Sleeper Islands based on community consultation

Person in Charge: Grant Gilchrist, Research Scientist

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Person Responsible for Activating Spill Plan:

Camp Crew Leader:

Grant Gilchrist and Sam Richard

Telephone number not applicable because the remote camp does not have telephone land lines. Crew leader will notify appropriate agencies via satellite telephone number or 2-way radio.

Spill Plan Effective Period: June 30 2020 - August 30, 2022

Description:

Fuel (gasoline, white gas) will be stored near the camp (above the ocean high water line), in 20L jerry cans and 4L jugs (camping fuel). These materials will be located on a flat area, 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 (designated by the camp leader) 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:

20 Absorbent Pads (Oil, Gas & Diesel)
2 3" x 4' Absorbent Socks (Oil, Gas & Diesel)
2 HD Hazmat Disposal Bags
1 Pair of Nitrile Gloves

General Actions:

In advance of any possible spill and upon arrival at the 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 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
(<https://www.gov.nu.ca/environment/documents/spill-response>)

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
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
Qikiqtani Inuit Association	(867) 975-8400