

SPILL CONTINGENCY PLAN:
Peterhead Inlet

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SPILL CONTINGENCY PLAN: Peterhead Inlet

Project Director: Anne Hamilton,
PhD Student, Department of Anthropology
University of Manitoba
PH: (204) 880-4799
anne_hamilton@umanitoba.ca

Site: Eastern shore of Peterhead Inlet

Location: 63°45' N, 68°40' W

Effective Period: August 5 – August 26, 2009

Description:

The camp was located on the eastern shore of Peterhead Inlet approximately 10 km from Iqaluit, in proximity to a known archaeological site, Tungatsivvik. Camp was located on a slope lying between low bedrock hills. This area is heavily vegetated with grass moss and lichen covering most of the ground. A small freshwater stream flows nearby the camp (approximately 20-30 meters) to the ocean. The maximum population of the camp was 3 individuals, and structures erected were limited to personal camping tents (a maximum of three), an equipment tent, and a canvas cook tent. These structures were secured using ropes, rocks, and tent pegs.

Naphtha and propane were the only fuels used in camp. Six one gallon containers of naphtha and one 20lb. propane tank were used in camp. All fuel was stored away from camp and all bodies of water in a cache that was covered and secured to prevent the fuel from being disturbed.

The kind of fuel used evaporates very quickly and would not pose an immediate threat to the surrounding area in the unlikely event of a spill or leak. Naphtha was transferred to stove fuel containers via an appropriate funnel. The propane tank was connected directly to a camp stove for use. Because of the small quantities of fuel used and the restricted nature of transfer activities, the potential for a large scale spill was unlikely (and did not occur). However, an emergency fuel spill kit with absorbent materials, protective gloves, and the MSDS forms for naphtha and propane was kept at the camp near the fuel cache in case it is needed.

General Actions:

In advance of any possible spill, all people at the field site were 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;

- Ensure that spill is confined and does not spread
- Use absorbent materials in spill kit to soak up
- Bag absorbent materials, place in leak-proof container and return to Iqaluit for disposal

Contacts:

In the event of a spill, the following agencies must be contacted:

Spill Line: (867) 920 8130 Ph., (867) 873 6924 (FX)
INAC Manager of Field Operations: (867) 975-4298
Environment Canada in Iqaluit: (867) 766-3737