

Landscape Evolution, Paleoecology and Climate Change in the Tertiary of the High Arctic, Project 2010

The 2010 field work program will be located on Ellesmere Island and on Ellef Ringnes Island. The following types of fuel will be stored at, or near, the sites: one gasoline jerry can (stored in a CSA approved 20 liter jerry can) and two 20 liter propane cylinders (stored in CSA approved pressurized cylinders). This document outlines a set of procedures to be followed to minimize the effects of an abnormal event, such as a spill. This includes: the organization of the response, the plan for initial response, reporting procedures in the event of a spill, and contact information.

Lead Field Supervisor

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RESPONSE ORGANIZATION

If a spill occurs on site the person who first notices the spill must:

(1) Ensure safety of him/her and all members of the team. (2) Assess the spill situation, (3) immediately contact the Lead Field Supervisor and provide all information about the spill. Once the Lead Field Supervisor is aware of the spill, this individual must recommend a course of action to the following procedures:

- (a) Evaluate the extent of the spill
- (b) Delineate the course of action
- (c) Actions the response team by implementing specific roles and remedial tasks
- (d) Report the spill to the Nunavut 24 Hour Spill Report Line by calling (403) 920-8130.

When reporting a spill the individual must provide as much information as possible including:

- (a) date and time of the spill;
- (b) location of the spill;
- (c) direction spill is moving;
- (d) name and phone number of the contact person close to the spill location;
- (e) cause of the spill;
- (f) whether spill is continuing or has stopped;
- (g) description of existing contaminant;

- (h) action taken to contain, recover, clean-up and dispose of spilled contaminant;
- (i) name, address and phone number of person reporting spill;
- (j) name of owner or person in charge, management or control of contaminants at time of spill.

Gasoline:

If the situation safely permits, stop the flow and eliminate the ignition source. Since gasoline vapours can ignite and explode no flames, sparks, or smoking is permitted. A sorbant material will be used to absorb the spill and all contaminated water, snow, soils will be stored in a sealed labelled container. The containers will be stored in a well ventilated area and will be removed from the site and properly disposed of.

Propane:

If the situation safely permits, eliminate the ignition source. Since propane can ignite and explode, no flames, sparks, or smoking is permitted. Once released, the vapours can not be contained.

Contacts:

DIAND Water Resources ((867) 975-4555)

Environment Canada ((867) 975-4636)

INAC Environment and Contaminants ((867) 975-4549)