

EBERLE –JULY 2010 FIELD RESEARCH ON ELLESMERE ISLAND SPILL CONTINGENCY PLAN

Jaelyn Eberle (CU-Boulder) and a small field team (5 persons) will spend two weeks (July 4 – 17) studying the rocks and collecting fossils as well as sediment samples in rocks on central Ellesmere Island, Nunavut. A week will be spent at each of two camps - Clinker Airport near Bay Fiord and the Strathcona Fiord Fossil Forest. The only fuel that will be used on site is propane for cooking purposes, which will be stored in 20 lb pressurized cylinders issued by the Polar Continental Shelf Project (PCSP). Should a propane spill occur, this document outlines the organization of the response, plan for initial response, and reporting procedures in the event of a spill.

Response Organization:

The first person on the site will (1) assess the spill situation; (2) immediately contact the field Party Chief (Eberle), and provide all information about the spill. Upon receiving this information, the Party Chief will recommend a course of action according to the following procedure:

- (a) Evaluate the scale of the spill
- (b) Activate the initial response plan
- (c) Assemble a spill response team (if necessary)
- (d) Contact the NT-NU 24-hour Spill Report Line at (867) 920-8130 as soon as possible to report the spill and provide initial details. If Party Chief is unable to communicate directly with the Spill Report Line (due to limited communication capabilities in the field), he/she will contact the Polar Continental Shelf Project via PCSP-issued radio, to report the spill and ask that PCSP personnel contact the Spill Report Line on his/her behalf.
- (e) Gather relevant information and submit a spill report to the Nunavut Water Board no later than thirty (30) days after the initial reporting of the spill.

Initial response plan:

The first person at the site will ensure safety of him/herself and those near the site. Next, he will notify the Party Chief about the spill.

Propane:

If possible and safety permits, eliminate all ignition sources. No smoking is permitted when responding to a propane release. Do not attempt to contain or remove release. No disposal is required, as it cannot be contained once it has been released.

Reporting Procedure:

1. Fill out “NT-NU SPILL REPORT” form as completely as possible before making the report.
2. Report IMMEDIATELY to the NT-NU 24-hour Spill Report Line – (867) 920-8130. If Party Chief is unable to contact the Spill Report Line (due to limited communication capabilities in the field), he/she will contact the PCSP (via PCSP-issued radio) and ask that PCSP personnel contact the Report Line on his/her behalf.