

Fuel Spill Contingency Plan

April 27, 2012

Glacier-Climate Research, Prince of Wales Icefield, Ellesmere Island

Fuel needs for our summer research include 6 20-lb propane tanks for the field season (for Coleman cook stoves) and 4- 6 x 10 L jerry cans of gasoline for the generator. The generator will only be used occasionally, to charge our batteries (satellite phone, laptops) and to drive the winch for the tether sonde (weather kite/balloon). No fuel drums are needed.

Propane tanks are simple to handle, compressed gas can sometimes leak during hose hookup to the camp stove, but leaks are minor and are released to the atmosphere as propane gas. Gasoline from the jerry cans needs to be poured into the generator. We will pour over a plastic tarp and mop up any spills. Gasoline will be stored wrapped in tarps. All tarps, propane tanks, and jerry cans will be removed on completion of the field work in early August, 2012.