

### **Fuel Spill Contingency Plan**

Our remote fly camp will utilize a generator and will bring 10 gallons of fuel and a 5 gallon propane tank used for cooking when attached to a 2-burner Coleman stove.

#### **Location:**

- The propane tank will be located in the right front door of the main kitchen tent.
- The generator will be kept outside the tent structure on gravel at a safe distance from all water sources.

#### **Spill Prevention:**

- The propane tank will be turned off at the source and its fuel line after each use. The tank will be kept separate from the stove and other equipment. The team will carry two extra fuel lines and an extra seal to make repairs should such equipment require it.
- The generator will be turned off when not used. Fuel will be stored separately in plastic fuel containers. Fuel containers will be checked daily to ensure caps are in place and seals are secure. Refueling will take place under supervision and with care to ensure no spills occur. Refueling will be restricted to certain areas and fuel storage isolated by drip trays.

#### **Spill Response:**

- As propane is a gas, and will only carry five gallons, the best remediation is through rapid ventilation of the local area to allow the gas to escape and enter the air without condensation into a liquid. The response procedure is aimed at such a rapid action including:
  1. Propane gas has a distinctive smell and crew will be instructed to act fast when it is encountered. All windows and doors to the tent will be opened to allow rapid ventilation.
  2. The first action is to make sure that the leak is not due to open valves on the stove burner, fuel line or tank. These will be checked and secured if necessary.
  3. If the leak remains the gaskets and seals will be checked by olfactory assessment. Seals will be repaired if necessary.
  4. Pending major leak, the tank will be removed from the tent allowing the gasses to be released to the air.
  5. If leak occurs in generator the generator will be turned off immediately and not used. Discharge will be contained and all sources of ignition eliminated. Excess fuel remaining in generator will be returned to fuel containers.

Polar Shelf RESOLUTE (867-252-3872) will be notified immediately in the case of #4 via satellite phone. Neil Shubin will report this directly.

Contacts: Neil Shubin (field phone: 881631457901)

POSTING: A laminated version of the above plan, with contacts, will be posted prominently in our tent (a 10x10 foot nylon structure).