

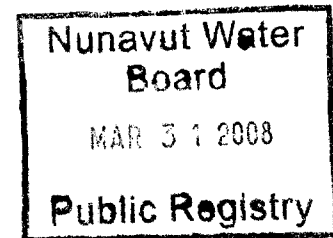
# **SPILL CONTINGENCY PLAN FOR KARRAK LAKE**

## **RESEARCH STATION, NUNAVUT**

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### **FACILITY MANAGER**

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### **ON-SITE FACILITY MANAGER**

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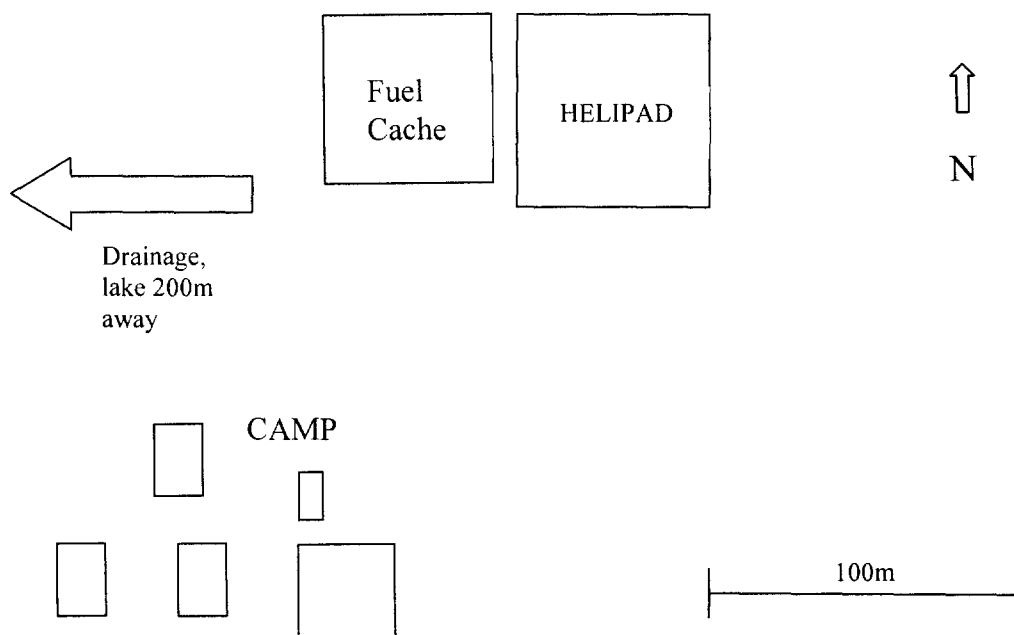
### **24 HOUR EMERGENCY NUMBER:**

**Dr. Ray Alisauskas 306 230-3085 or Karrak Lake Research Station 1 600 700-6019**

**The Karrak Lake Research Station Facility is located at 67° 14'13"N, 100°15'30"W.**

**The Facility has a fuel cache on site where up to 10000L of jet-B fuel may be stored in sealed 200L steel drums; up to 2000L of gasoline may be stored in sealed steel drums; up to 200L of naptha (white gas) may be stored in 200L steel drum, and up to 500L of propane may be stored in 100L certified pressure tanks. The cache is located at the station on a dryland location, approximately 100m north of the camp buildings adjacent to the heli-pad.**

**Site Map:**



**IN THE EVENT OF A SPILL:**

- All spills should be reported to the camp manager who will initiate an appropriate response and notify the facility manager of the event.
- The spill should be contained using the pads/bumpers in the 'emergency spill kit', which will prevent the fuel from running downslope. Once the fuel has been contained in a dam with the bumpers, place the absorbent pads in the pool to soak up the fuel. The spill kit is capable of absorbing

**one entire drum of fuel (200L). Once absorbed and cleaned up, the pads and bumpers should be burned in the burning barrel. Contaminated soil should be dug up and placed in a plastic lined box for shipping to Saskatoon where it can be incinerated.**

- In the event of a small spill (a few litres), the same procedure can be used as above although the entire kit will not need to be used. If spilled fuel did not pool on the soil, then absorbent pads will be of no use and the contaminated soil should be removed for incineration.**
- The fuel cache should be monitored periodically to ensure that no drums are leaking or seeping. If a drum is found to be leaking, the remaining fuel should be transferred to another empty drum which does not leak. The amount of fuel that has leaked from the drum should be assessed and an appropriate response measure taken.**

#### **SPILL CLEANUP EQUIPMENT**

- An emergency spill kit can be found at the fuel cache site. It is readily identified by the signage on the poly barrel which contains the kit. Any other equipment that may be useful for cleanup, such as shovels, buckets and hand pumps, can be found in the tool shed.**

#### **IMPORTANT CONTACT INFORMATION**

**In the event of a spill, the camp supervisor and the facility manager (Ray) should be contacted immediately. Depending on the volume of the spill, the facility and camp manager(s) will implement an action plan to contain and clean-up the spill.**

**Facility Manager (Dr. Ray Alisauskas): 306 230-3085**

**Nunavut Department of Environment, Cambridge Bay (Shane Sather) 867 983-4167**

**Environmental Protection, Iqaluit: 867 979-5981**