



**Fuel Management Plan**  
**Roche Bay PLC**

**January 2011**

Roche Bay PLC will store fuels appropriately to ensure all personnel and contractors remain safe and the environment is protected. Any personnel required to handle or store fuel will receive adequate training including operations and maintenance as well as Spill Response actions.

### **Storage and Containment**

Diesel, propane, gasoline and aviation fuel will be stored via drums and bulk. Drummed fuel caches will be a minimum of 31 metres away from the normal high water mark to prevent spills or seepage from entering a water body. The drums will be stored in orderly rows with their bungs in the three and nine o'clock positions. All drums will be consumed; upon inspections if any drums are found to be leaking the substance will be used immediately

### **Fuel Transfer Areas and Transportation**

All Fuel transfer stations will be built on a pad and the whole system will be bermed. Drums of fuel and bulk fuel may be flown to site as required in approved containers where they will be unloaded and transported to fuel caches. Any empty drums will be sent to Rankin Inlet for recycling or crushing.

### **Signs, Labels and Inspections**

All drummed fuel will be clearly labeled and include the type of fuel, the company name and the date of delivery to the site; signs with the same information will be posted at each fuel site. 'No Smoking' signs will be posted at each fuel cache and the fuel storage area. Any fuel cache with more than 19 drums of fuel will be inspected daily and any secondary containment structures will be reviewed daily to check for signs of punctures or failures. A record of these inspections will be kept in the office and be available upon request and records will be appended in the annual report.

### **Spill Kits**

Every fuel cache, storage area and refueling station will have a spill kit designed based on type, location and volume of fuel. See the Spill Response Plan for further details.

## **Applicable Legislation and Guidelines**

Acts, Regulations, and Legislation that applies to the storage, handling and transport of fuel is presented in:

### **Federal:**

- National Fire Code of Canada
- Storage Tank Systems For Petroleum Products and Allied Petroleum Products Regulations
- Federal Aboveground Storage Tank Technical Guidelines
- CCME Environmental Codes of Practice for Underground and Aboveground Storage Tank Systems
- Transport of Dangerous Goods Act
- The Workplace Hazardous Materials Information System (WHMIS)
- Worker's Compensation Board
- Canadian Environmental Protection Act
- Fisheries Act
- Environmental Protection Act
- Guidelines for Spill Contingency Planning, Indian and Northern Affairs Canada
- Draft Fuel Storage and Handling Guidelines, April 2008, Indian and Northern Affairs Canada

### **Territorial:**

- Fire Prevention Act
- Nunavut Waters Act
- Nunavut Surface Rights Tribunal Act
- Draft Recommended Best Practices For The Storage And Handling Of Petroleum And Allied Petroleum Products on Federal Crown Lands in Nunavut
- Nunavut "Guideline for the General Management of Hazardous Waste"
- The Mine, Health and Safety Act and Regulations (Nunavut)
- The NWT and Nunavut Safety Act, the Occupational Health and Safety Regulations