

Eureka High Arctic Weather Station

EMERGENCY PLAN

FOR PETROLEUM AND ALLIED PETROLEUM PRODUCTS

Executive Summary

This 2012 updated version of the Eureka Environmental Emergency Response Plan (EERP) for petroleum and allied petroleum products applies to the Eureka High Arctic Weather Station (HAWS) located in Eureka, Nunavut. The HAWS is located on the north side of Slidre Fjord, at the north-western tip of Fosheim Peninsula on Ellesmere Island. HAWS is owned and operated by the Meteorological Service of Canada. Although remote, the Eureka HAWS is a hub of activity for Environment Canada, the Department of National Defence, the Polar Continental Shelf Program, and the Polar Environment Atmospheric Research Lab (PEARL).

The aim of this Environmental Emergency Response Plan (EERP) is to provide clear, timely, safe and effective coordinated response procedures by Environment Canada personnel in relation to environmental emergencies at Eureka and compliance with relevant regulations, in order to protect the environment and human health in the event of accidental release of petroleum products. The EERP provides EC and related personnel, who are involved in incident responses, with the necessary information to manage fuel storage tank systems (FSTS) through the adoption of preventative measures, plans for preparedness, as well as response and recovery procedures in the event of accidental release

The principle objectives of the Plan are to:

- 1) Comply with all relevant federal government regulations, including the following;
 - Nunavut Water Board license 3BC-EUR0611 pursuant to the *Nunavut Waters and Subsurface Tribunal Act*
 - Storage tank systems for petroleum and allied petroleum products regulations pursuant to the *Canadian Environmental Protection Act*, 1999;
- 2) Protect Environment Canada (EC) employees, other persons working at or visiting Eureka HAWS and the environment by meeting or surpassing all applicable environmental and health and safety legislation, licenses, policies, codes of practice and plans (See Appendix A for the major requirements of the preceding);

- 3) Provide detailed information and guidance on actions important for the prevention of spills and procedures to detect and respond to them when they occur;
- 4) Identify potential emergency situations;
- 5) Minimize the impact of emergencies; and finally
- 6) Continually improve response procedures.

The Plan has been subdivided into 9 different sections consisting of the following:

- 1) Introduction
- 2) Administration
- 3) Eureka Petroleum and Allied Petroleum Products Inventory
- 4) Potential Spill Scenarios and Environmental Impacts
- 5) Spill Prevention and Best Management Practices
- 6) Spill Contingency
- 7) Procedures for Transferring, Storing and Managing Petroleum Spill Wastes
- 8) Procedures for Restoring Affected Areas
- 9) Procedures for Disposal