

Appendix H

Compliance Plan - Follow Up on 2011 Inspection Report

Year: 2011

Reference: 2011 Inspection Report

A. Background

CFS Eureka was inspected by Aboriginal Affairs and Northern Development Canada (formerly INAC) Inspector on July 19, 2011. This Compliance Plan will outline how DND (8 Wing/CFB Trenton – Environmental Management) will educate/promote Environmental Stewardship to CFS Eureka on site personnel and to develop measures that will ensure deficiencies are addressed.

B. Environmental Stewardship

- DND (8 Wing/CFB Trenton – Environmental Management) will deliver an Environmental Stewardship Awareness Brief to the CFS Eureka at the start of the summer season (in parallel to the NWB Water Licence Surveillance Network Program). This briefing will educate and promote relevant Federal environmental legislations and regulations (including the Water Licence conditions) at CFS Eureka with emphasis on compliance.
- DND will conduct environmental inspections/audits at CFS Eureka at the beginning and end of the summer season (in parallel to the NWB Water Licence Surveillance Network Program) to ensure compliance is maintained, to reinforce environmental stewardship, to provide on site advise and support to station personnel, and to address any concerns.

C. Hazardous Waste Disposal

- DND will continue to segregate, identify (using labels), and backhaul hazardous waste to an approval disposal facility via sealift capabilities in cooperation with Environment Canada Weather Station at Eureka.

D. Solid Waste Disposal

- Non-hazardous waste will continue to be deposited into Environment Canada's Landfill and DND will remind CFS Eureka crews to adequately sort and be conscious of the impacts of waste disposal in the high arctic.
- DND will remind CFS Eureka crews to adequately cap the landfill before closing at the end of summer.
- DND will engage the 8 Wing/CFB Trenton Construction & Engineering Squadron regarding maintenance work required (evaluation of the sludge treatment system, rebuilding the dykes of the lagoon, and any other identified maintenance tasks) to maintain the Sewage Lagoon and to determine ways to enhance the waste disposal operations and to prevent the possibilities of breaches.
- A Construction & Engineering Project File (PF) will be raised if significant work and resources are required to address any environmental and infrastructure concerns.

E. Fuel Storage

- DND will initiate in summer 2012 contaminated sites work at CFS Eureka at the North Airstrip Apron area behind the main refuelling tanks at the location where fuel bladders once existed.
- Bioremediation of the area will be assessed after the delineation process under the Federal Contaminated Sites Action Plan. This site is a registered federal contaminated site, ID# S-10527.

F. Surveillance Network Program (SNP)

- DND aims to maintain the SNP by conducting sampling to demonstrate compliance to the water licence and environmental regulations.
- DND aims to conduct sampling during early summer when runoff is produced as during mid-summer the station will be closing for the season and dry conditions from Eureka's polar desert climate restricts sampling.

G. Cooperation with Other Departments

- DND will strive to foster and develop cooperative relationships with Eureka Environment Canada Weather Station on shared environmental issues and concerns at Eureka.
- Currently, Environment Canada and DND face challenges in the disposal and crushing of used fuel drums. The two Federal departments have already engaged in researching new technologies and methodologies that can help mitigate environmental impacts at Eureka.

H. Specific 2012 Compliance Work

- The Commanding Officer (CO) of CFS Alert is the direct authority of the station crew at CFS Eureka. DND will brief the CFS Alert CO on environmental concerns at CFS Eureka so that proper military chain of command and authorities are directed appropriately to military members to address environmental priorities.
- To demonstrate effort in continuing the work towards compliance, DND will address the batteries identified by the Inspector that were stored outside of the HADCS (High Arctic Data Communication System) Building in Eureka in the summer of 2012. The objective will be to have CFS Eureka personnel or a DND/Canadian Forces Team properly package the batteries for hazardous waste backhaul via sealift through Environment Canada Weather Station Eureka (or via Canadian Forces military airlift transport).