

2011 Annual Report to the Nunavut Water Board

Licensee: Department of National Defence – 1 Canadian Air Division
Licence: 3BC-ERK1015 Type “B”
Location: Canadian Forces Station Eureka, Ellesmere Island,
Qikiqtani Region, Nunavut.

Report submitted by: Department of National Defence –
8 Wing/Canadian Forces Base Trenton –
8 Wing Environmental Management,
31 March 2012

Executive Summary

The 2011 Annual Report to the Nunavut Water Board (NWB) is a requirement under Licence Number 3BC-ERK1015 Type “B”, Part B, paragraph 1. This is the second Annual Report to be submitted for Canadian Forces Station (CFS) Eureka, Nunavut. The Licence was issued on June 18th, 2010, to the Department of National Defence (DND) – 1 Canadian Air Division (1 Cdn Air Div), Winnipeg, Manitoba. As 8 Wing – Canadian Forces Base (CFB) Trenton, Ontario, oversees CFS Eureka, 8 Wing Trenton will be filing the Annual Report on behalf of 1 Cdn Air Div.

The Abandonment and Restoration Plan was approved by the Board on January 6th, 2012. As required, a revised Abandonment and Restoration Plan for CFS Eureka is attached in Appendix F of this annual report for the Board’s consideration. It should be mentioned the Operation and Maintenance (O&M) Manual CFS Eureka (ERK), Nunavut, did not require any revisions at the time of the Annual Report Submission.

Hazardous waste was backhauled by sealift from CFS Eureka in 2011 for disposal outside of Nunavut. Clean Harbours Inc., Brossard, Quebec, collected a total of 17 drums of waste fuel and waste oil, and waste glycol. Domestic wastes from CFS Eureka were directed to the designated landfill. All sewage and waste water were directed to the Sewage Lagoon. There were no spills reported at CFS Eureka in 2011.

CFS Eureka was inspected by the Inspector from Aboriginal Affairs and Northern Development Canada (Mr. A. Keim) and the Environment Canada Enforcement Officer (Mr. C. Didham) on July 19th, 2011. The submission of the Compliance Plan as per the Inspection Report is attached in this Annual Report as Appendix H.

The sampling requirements for the CFS Eureka Monitoring Program were fully implemented as all monitoring program stations were sampled during runoff season (June 2011). Subsequent runoff or ground seepage sampling could not be conducted in July due to logistical and weather restraints. CFS Eureka operations were completed near the end of July as the station closed for the season. In addition, there were no intentions to release any effluent from the Sewage Lagoon and Landfarm in 2011. Effort in timing and planning is being made to ensure a successful 2012 CFS Eureka Monitoring Program to reflect DND’s positive commitment to demonstrating compliance to the NWB Licence.