

2010 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,
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Executive Summary

The 2010 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 first 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 Operation and Maintenance (O&M) Manual for CFS Eureka was submitted to the NWB on November 30th, 2010, by DND and Defence Construction Canada, including subsequent responses to the NWB comments on the O&M Manual and the submissions of the site location maps and drawings. The Quality Assurance/Quality Control Plan was previously submitted to the NWB. A note regarding the Abandonment and Restoration Plan for CFS Eureka is attached in Appendix I of this annual report. It should be mentioned that an updated version of the Spill Contingency Plan can be found in Appendix D of the O&M Manual; the contact numbers did not require any revisions.

Hazardous waste was backhauled by sealift from CFS Eureka in 2010 for disposal outside of Nunavut. Clean Harbours Incorporated, Brossard, Quebec, collected a total of 20 drums of waste fuel and waste oil, and 48 waste batteries. Non-hazardous domestic wastes from CFS Eureka were directed to the designated landfill. All sewage and waste water was directed to the Sewage Lagoon. There were no spills at CFS Eureka in 2010.

The sampling requirements for the 2010 CFS Eureka Monitoring Program could not be fully implemented as of the date of issuance for the NWB Licence. Resource restraints, compounded by the unique Arctic environmental conditions, affected the timings required for sampling. In addition, there were no intentions to release any effluent from the Sewage Lagoon and Landfarm in 2010. Effort in timing and planning is being made to ensure a successful 2011 CFS Eureka Monitoring Program to reflect DND’s positive commitment to demonstrating compliance to the NWB Licence.