

2017 Annual Report to the Nunavut Water Board

Licensee: Department of National Defence – RP Ops - ADM (IE)

Licence: 8BC-ERK1621 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 2018

Executive Summary

The 2017 annual report to the Nunavut Water Board (NWB) is a requirement under the renewed Licence Number 8BC-ERK1621 Type “B”, Part B, Paragraph 1. This annual report is 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 is filing the annual report on behalf of the new DND licensee, Real Property Operations (RP Ops) - Assistant Deputy Minister of Infrastructure & Environment (ADM(IE)). The renewed 8BC-ERK1621 Type “B” was received on 25 November 2016.

In 2017, there were no hazardous waste backhaul activities reported from CFS Eureka to CFB Trenton. Domestic and non-hazardous wastes from CFS Eureka were directed to the designated landfill. All sewage and waste water were directed to the Sewage Lagoon. There was one reportable spills reported at CFS Eureka on 09 June 2017.

The Inspectors from Indigenous and Northern Affairs Canada (INAC) completed a Water Licence Inspection around 04 July 2017. A general Compliance Plan is submitted within this Annual Report.

The sampling requirements for the CFS Eureka Surveillance Network Program were implemented in June 2017. Complete runoff or ground seepage sampling could not be fully conducted in June due to typical summer evaporation of the polar desert climate and the poor water retention properties of the tundra. In addition, the operation of CFS Eureka was reduced to one month (the duration of June); therefore, the Station was closed by the end of June that prevented access and further sampling. DND expects a similar operation duration for 2018, and effort is being taken to ensure a successful 2018 Surveillance Network Program.