

[illegible]

- ▷ΔJህ A6 – BAF-3 NTS ወላጅ
- Q - 8BC-BAF1929 የሚገኝበት ርዕሰ ጽሑፍ ለጽሑፍ
- ▷ΔJህ Q1 – BAF-3 የጽሑፍ ወላጅ
- ▷ΔJህ Q2 - PLN-EHS-2 REV 10 የጽሑፍ ወላጅ (16.F.3.b)
- ▷ΔJህ Q3 – BAF-3 ወላጅ ማረጋገጫ + ወላጅ ርዕሰ ጽሑፍ
- ▷ΔJህ Q4 – PLN-EHS-11 የጽሑፍ ወላጅ ርዕሰ ጽሑፍ

BAF-3 Executive Summary

The North Warning System (NWS) in Canada is a chain of unmanned radar sites that provides aerospace surveillance, established to detect and allow for an early response to potential threats entering North American air space. It is part of Canada's North American Aerospace Defense Command (NORAD) agreement with the United States, and an essential capability in our efforts to maintain Canada's sovereignty.

BAF-3 is one of 11 Long Range Radars (LRRs) in the NWS. The NWS LRRs are located across Yukon, Northwest Territories, Nunavut, and down the Labrador coast. The facilities are remotely monitored and controlled from North Bay on a 24/7 basis. The information they receive is automatically sent to the Canadian Air Defence Sector located at 22 Wing, CFB North Bay over a long-haul satellite communications network. Raytheon Canada Limited is contracted by the Department of National Defence to operate and maintain BAF-3.

BAF-3 is situated in Nunavut on Brevoort Island. Brevoort Island is 40 km long and 10 km wide. It is an irregular, hilly island consisting of mostly igneous or metamorphic bedrock overlain in places by stony, sandy glacial fill intermixed with fluvial and marine deposits.

Brevoort Island is a high, rocky prominence rising dramatically from the sea. Sheer sea cliffs surround most of the coastline. Low lands are present in the north and northwest sections of the island.

The closest source of support is LSS-Q, Iqaluit to the West. Flight time from LSS-Q to BAF-3 is 1 hour 15 minutes by helicopter under normal conditions.

Staffing levels at BAF-3 are planned to increase beginning April 1st 2022 to year-round attendance of at least nine staff members as of October 1st 2022.

Present to April 1, 2022:

During this time BAF-3 is not planned to be attended year-round. It will be visited by staff from LSS-Q on quarterly maintenance trips, and on an as needed basis.

April 1 2022 onward:

As of April 1st 2022 BAF-3 is planned to be attended full time (365 days of the year) by at least 9 staff.

This application is for the amendment of the BAF-3 Nunavut Water Board water licence (8BC-BAF1929) with the following proposed changes:

- Annual water use limit increase to 3000 cu m; and,
- Increased staffing levels.

The Nunavut Impact Review Board (NIRB) file number for the BAF-3 water licence is 03DN120.

The following documents are being submitted as the Water Licence Amendment Package:

- A - 8BC-BAF1929 Application for Water Licence Amendment 2021
 - Annex A1 - A1 - 148957 - NPC BAF-3 2018
 - Annex A2 - A2 - 031031NWB6BAF---- NIRB Screening-ILAE
 - Annex A3 – A3 - PLN-EHS-20 BAF-3 Landfarm Plan
 - Annex A4 - A4 - 211129 8BC-BAF1929 2021 Inspection Report-IMLE
 - Annex A5 – A5 – NWB Licence Compliance Assessment 2021
 - Annex A6 – A6 - BAF-3 NTS Map

- Q – 8BC-BAF1929 Exploration Remote Camp Questionnaire
 - Annex Q1 – BAF-3 Executive Summary
 - Annex Q2 - PLN-EHS-2 REV 10 Spill Contingency Plan (16.F.3.b)
 - Annex Q3 – BAF-3 Site Description + Site Plan
 - Annex Q4 – PLN-EHS-11 Sewage Disposal Plan