

(English summary follows)

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CAM-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.

Raytheon Canada Limited has the contract with the Department of National Defence (DND) to operate and maintain the North Warning System radar site CAM-3, Shepherd Bay. CAM-3 is situated in Nunavut on the Boothia Peninsula on the east side of Shepherd Bay. It is located on a gently and uniformly sloping coastal plain area that appears to be an emerging sea bottom. The closest source of support is CAM-M, *Iqaluktuutiaq* (Cambridge Bay), to the west. Flight time from CAM-M is 2 hours and 40 minutes by helicopter under normal conditions.

CAM-3 is a Long Range Radar Site (LRR) for the North Warning System. CAM-3 is an unmanned site, but it is visited by CAM-M staff on scheduled quarterly preventive and corrective maintenance trips and on an as needed basis. During the months of May to September the site may have an average of 5 to 20 personnel on-site due to seasonal project activity and occasional Third Party visitors.

CAM-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 CAM-3.

Staffing levels at CAM-3 are planned to increase beginning April 1st 2022 and to gradually increase to year-round attendance of at least nine staff members as of October 1st 2023.

Present to April 1, 2022:

During this time CAM-3 is not planned to be attended year-round. It will be visited by staff from CAM-M on quarterly maintenance trips, and on an as needed basis. During the months of May to September the site may have an average of 5 to 20 personnel on-site due to seasonal project activity and occasional Third Party visitors.

April 1 2022 to September 30 2023:

During this time CAM-3 is planned to be attended by at least 9 staff for the summer months (182 days of the year). During the winter (October 1 to March 31) it will be visited by staff from CAM-M on quarterly maintenance trips.

1 Oct 2023 onward:

As of 1 Oct 2023 CAM-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 CAM-3 Nunavut Water Board water licence (8BC-SHE1929) 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 CAM-3 water licence is 03DN117.

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

- A - 8BC-SHE1929 Application for Water Licence Amendment 2021
 - Annex A1 - A1 - 148955 - NPC Conformity
 - Annex A2 - A2 - 181221-03DN117-Screening Decision Report-OT8E
 - Annex A3 – A3 - PLN-EHS-15 CAM-3 Landfarm Plan
 - Annex A4 – PLN-EHS-13 Berm Water QAQC Plan
 - Annex A5 - A5 - WATER INSPECTION 2017 KIT 002 BP 3BC-SHE0919 DND-Raytheon CAM-3
 - Annex A6 - NWB Licence Compliance Assessment 2021
 - Annex A7 – CAM-3 NTS Map
- Q – 8BC-SHE1929 Remote Camp Questionnaire 2021
 - Annex Q1 – CAM-3 Executive Summary
 - Annex Q2 - PLN-EHS-2 REV 10 Spill Contingency Plan (16.F.3.b)
 - Annex Q3 – CAM-3 Site Description + Site Plan
 - Annex Q4 – PLN-EHS-11 Sewage Disposal Plan