

(English summary follows)

Δέσμευση στον ΔΥΕ-Μ για την παραγωγή της πρώτης παραγγελίας της στην Ελλάδα στις 1η Ιανουαρίου 2023.

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DYE-M 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 to operate and maintain the North Warning System radar site DYE-M, Cape Dyer. DYE-M is in Nunavut at the extreme eastern edge of Baffin Island. Sheer cliffs of over 610 m are the predominant feature of the site. The site consists of the summit (725 m above sea level) and the lower site on the north side of Sunneshine Fiord. The summit is the location of the radar, site, buildings, and helipad. The lower site is the location of the beach tanks and the abandoned airstrip. The summit and lower site are connected by a road.

DYE-M is 462 km north northeast of Iqaluit. The closest source of support is the Logistics Support Site in Iqaluit. Flight time to DYE-M from Iqaluit is 2 hours and 40 minutes under normal conditions.

DYE-M is a Long Range Radar Site (LRR) for the North Warning System. DYE-M is an unmanned site, but it is visited by staff from Iqaluit 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.

DYE-M is one of 11 LRRs of the North Warning System; the LRRs are located across the 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.

Staffing levels at DYE-M 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 DYE-M 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. 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 DYE-M 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 LSS-Q on quarterly maintenance trips.

1 Oct 2023 onward:

As of 1 Oct 2023 DYE-M 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 DYE-M Nunavut Water Board water licence (8BC-DYE1929) 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 DYE-M water licence is 03DN124.

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

- Application for Water Licence Amendment 8BC-DYE1929
 - Annex A1 - 2018-10-25 NPC letter re 148956-DYE-M Cape Dyer Water Licence Renewal
 - Annex A2 - 181220-03DN124-Screening Decision Report for TC-OT8E
 - Annex A3 – DYE-M Landfarm Management Plan
 - Annex A4 – PLN-EHS-13 Berm Water Sampling QAQC Plan
 - Annex A5 - 200131 8BC-DYE1929 2019 Inspection Report-IMLE
 - Annex A6 - NWB Licence Compliance Assessment 2021
 - Annex A7 – DYE-M NTS Map
- Remote Camp Supplementary Questionnaire 8BC-DYE1929
 - Annex Q1 –DYE-M Executive Summary
 - Annex Q2 - PLN-EHS-2 REV 10 Spill Contingency Plan (16.F.3.b)
 - Annex Q3 – DYE-M Site Description
 - Annex Q4 – PLN-EHS-11 Sewage Disposal Plan