



November 6, 2019

William Wyman  
North Warning System  
Raytheon Canada Limited  
Contract Management Office  
Suite 3000 – 400 Cooper Street  
Ottawa, ON K2P 2H8  
E-mail: [william.wyman@raytheon.com](mailto:william.wyman@raytheon.com)

Christopher Greaves  
North Warning System  
Department of National Defence  
National Defence Headquarters  
101 Colonel By Drive  
Ottawa, ON K1A 0K2  
E-mail: [Christopher.Greaves@forces.gc.ca](mailto:Christopher.Greaves@forces.gc.ca)

**Subject: North Warning System Project, Culvert Replacements at Station CAM-3, Water Licence 8BC-SHE1929, Department of National Defense.**

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Dear Mr. Wyman

The Nunavut Water Board (NWB or Board) received from Raytheon Canada Limited (RCL) on September 6, 2019, notice of plans to replace damaged culverts at the Department of National Defense's (DND or Licensee) North Warning System (NWS) Shepherd Bay site (CAM-3), for Board approval as required under Part C, Item 7, of the Water Licence 8BC-SHE1929 (Licence).

The notice outlines five (5) culverts in need of repair/replacement along the main access road, extending from the beach landing area to the summit camp, and continues to the airstrip and water intake lake. Over years of operation at the NWS CAM-3 site, these culverts have taken everyday damage and wear.

The project is scheduled for implementation in the Summer of 2021, and the Licensee has indicated that they wish to get approval well in advance of activities to prevent any last minute delays. The Board understands the value in this thinking, and agrees with the proposed timeline.

The notice was distributed for a one-month public review on September 10, 2019. Comments were received from Crown-Indigenous Relations and Northern Affairs (CIRNA) on October 10, 2019, indicating that they had no major issues to raise with the planned activities, and recommended that the *“new culverts be installed in accordance with the applicable engineering standards or best practices, and the design specifications (e.g., drawings) be provided to the Nunavut Water Board before construction.”* Although Licence conditions do not warrant the submission of for-construction drawings, the Board reminds the Licensee of Part G, Item 3, of the Licence, that requires the submission of as-built plans and drawings, stamped and signed by an Engineer, within ninety (90) days of completion of the work.

The Board would also like to emphasize the importance of employing sediment and erosion controls and conducting work in a manner that prevents damage to water courses, as outlined under Part C and Part E of the Licence.

The NWB has reviewed the notice and related submissions, and finds the information functional and generally satisfying Licence requirements. By copy of this letter, the Board approves the Licensee's plans to replace damaged culverts at the Shepherd Bay site (CAM-3), through the Board Motion No. 2019-B1-025, dated November 5, 2019, in accordance with Licence conditions for Water Licences 8BC-SHE1929.

Should you have any questions or require any clarification with respect to the above, please feel free to contact the undersigned via email at [Derek.Donald@nwb-oen.ca](mailto:Derek.Donald@nwb-oen.ca) or phone (867) 360-6338 (Ext. 32).

Sincerely,

**NUNAVUT WATER BOARD**



Derek Donald  
Technical Advisor

Attachment: Comments by CIRNA  
Cc: Distribution list – Kitikmeot Region