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# **BAF-3, Brevoort Island**

## **3BC- BAF0919**

### **Water Licence Renewal and Amendment**

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The North Warning System 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 BAF-3, Brevoort Island. BAF-3 is 366 m above sea level. BAF-3 is 250 km northeast of Iqaluit. The closest source of support is the Logistics Support Site in Iqaluit. Flight time to BAF-3 from Iqaluit is 1 hour and 15 minutes under normal conditions. A helipad is located on-site, as well as an abandoned airstrip.

BAF-3 is a Long Range Radar Site (LRR) for the North Warning System. BAF-3 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.

BAF-3 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.