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FOX-M, Hall Beach

3BC- FOH0919

Water Licence Renewal and Amendment

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 FOX-M, Hall Beach. FOX-M is situated in Nunavut in the Qikiqtani Region on the Melville Peninsula; it is on the eastern side of a coastal plain that extends from Hall Lake to Foxe Basin. The nearest community is Hall Beach which is 3 km away by road.

FOX-M is a Long Range Radar Site (LRR) and a Logistics Support Site for the North Warning System. FOX-M is staffed with an annual average site population of 18 to 22 people per day. Site numbers increase during the summer due to seasonal construction and occasional large groups of Third Party visitors.

FOX-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.