

DYE-M Water Licence Application to the Nunavut Water Board: Inuktitut Summary of Project

Nasittuq Corp, a joint venture of Pan Arctic Inuit Logistics and ATCO Frontec, 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 (Cape Dyer) is in Nunavut at the extreme eastern edge of Baffin Island at Cape Dyer. Sheer cliffs of over 610 m are the predominant feature. 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 which may be useable. The summit and lower site are connected by a road.

DYE-M is 462 km NNE of Iqaluit. The closest source of support is LSS-Q, the Logistics Support Site in Iqaluit. Flight time from LSS-Q is 2 hours, 40 minutes by helicopter under normal conditions.

DYE-M is a Long Range Radar Site (LRR) for the North Warning System (NWS). It is an unmanned site, but it is visited by LSS-Q 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 4 to 22 personnel due to seasonal project activity and occasional Third Party visitors.

DYE-M is one of 11 LRRs of the North Warning System (NWS). The Prime Mission of the radar sites is to gather information about any airborne activity within their coverage area. 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.