

Summary
Application Amendment
Water Licence
High Arctic Weather Station
Eureka, Nunavut

The Eureka High Arctic Weather Station (HAWS) is located on the north side of Slidre Fiord, at the north-western tip of Fosheim Peninsula, Ellesmere Island. Eureka station coordinates are 79.59.41N and 85.48.48W.

The Eureka HAWS site occupies a federal land reserve No. 1021 and encompasses an area of 1125 ha. The station has been operated by Environment Canada since April 7th 1947.

The primary purpose of the Eureka station is to collect weather information in order to produce public weather forecasts. In addition, the Eureka station provides support to the Arctic aviation community. Eureka also serves as a staging location for other science based activities in the High Arctic, various exploration projects, and some tourism.

Environment Canada provides the entire necessary infrastructure to support its activities at Eureka. This includes accommodations, fuel supplies, electrical power, transportation, aircraft landing strip, cooking operations, and water and sewage services.

This application amendment is being submitted by Environment Canada in order to incorporate operational projects into the terms of the existing Eureka water licence which was renewed for a period of 5 years in 2011, by the Nunavut Water Board. Environment Canada plans to recapitalize the runway surface at Eureka, and also erect a new 540 m² multi-purpose building next to the existing complex. This building will be used as a storage warehouse and carpentry shop. These projects are paramount for the continued operations of Eureka which are regulated under the water licence.