

Executive Summary
Annual Nunavut Water Board Report
Environment Canada
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 of area 1125 ha. The station has been operated by Environment Canada since April 7th 1947. Environment Canada recently celebrated the sixtieth anniversary of the Station and plans to continue operations there for the foreseeable future.

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, mess operations, and water and sewage services.

This annual report of 2012 is being submitted by Environment Canada in order to conform to the conditions set out in the Eureka water licence which was renewed in 2011, for a period of 5 years, by the Nunavut Water Board. The purpose of the report is to inform and update the Nunavut Water Board and all relevant parties, on the operations that occurred in Eureka in 2012 relevant to the issued water licence. This annual report also discusses the upcoming future projects required for the continued operations of Eureka which are regulated under the water licence along with the measures Environment Canada is taking to rectify the deficiencies that were noted in the 2012 Aboriginal Affairs and Northern Development (AANDC) inspection report.