

City of Iqaluit

Supplementary Water Supply Plan

Executive Summary

Based on the 2004 Raw Water Supply and Storage Review recommendations, the City of Iqaluit 2010 General Plan identifies Niaqunguk River (Apex River) as a potential supplementary water source. The General Plan also contains policies to designate the Lake Geraldine and Niaqunguk River watersheds as Watershed Protection Areas. Furthermore, the General Plan states that the City will undertake a feasibility study of Niaqunguk River to determine its suitability as a future water source.

The City has undertaken a feasibility study to confirm the suitability of the river and has also undertaken the development of a Supplementary Water Supply Plan and preliminary design.

The objectives of this project are as follows:

- Confirm the suitability of Niaqunguk River as a future water source and meet the related policy requirements of the City's 2010 General Plan;
- Identify all regulatory requirements that will impact project approval, design and construction;
- Complete a Supplementary Water Supply Plan that determines the water supply, the location, timing and conditions of withdrawal;
- Complete a preliminary design and Class C cost estimate that provides all the information needed to advance this project to the detailed design and construction phase; and
- Obtain all required regulatory agency approvals to proceed with design and construction.

This work began in 2012 and will be completed in 2014.