



### **Strategic Infrastructure Fund – Preliminary Project Brief**

Community: Qikiqtarjuaq  
Project: Water and Sewage Systems

#### **Explanation**

The Government of Nunavut is initiating projects to review all water and waste infrastructure in the community. For the purposes of the SIF, only water and waste water infrastructure are candidates for funding.

The community employs a reservoir which is recharged annually. In circa 1996, a planning study concluded that the reservoir would be approaching its under-ice capacity by 2003 and that its location and design were not conducive to expansion. Therefore, work is required to determine the current and projected capacity of the reservoir, options for expansion and phasing of the project.

The community also employs a typical sewage lagoon and small overland treatment system. In the winter 2002/03, the community indicated that the lagoon had indeed overflowed indicating that there is insufficient storage capacity. A shelved conceptual design exists for a second cell for the sewage lagoon.

Depending on the scope of the works required, the estimated costs for the water and sewage components range from \$1.0 Million to \$4.0 Million.

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