



Strategic Infrastructure Fund – Preliminary Project Brief

Community: Rankin Inlet
Project: Sewage Treatment Facility

Explanation

Rankin Inlet municipal services are predominantly piped. Consistent with piped services, water use can be approximated at 225 litres per capita per day. The existing sewage treatment system entails a screen to remove large particles and a deep water discharge.

The municipal water licenses does not address waste water effluent quality as the “point of compliance” is difficult to define.

The scope of the project would be the design and construction of a waste water treatment plant for the community, re-using the existing building and configuration.

The estimated cost of design and construction is approximately \$150 Thousand and \$1.5 Million respectively. Should it be necessary to construct a stand alone building or should the volume of influent present technical problems, the costs could increase significantly.

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