

1. Water Infrastructure

Objectives

To construct or materially rehabilitate public infrastructure that contributes to one of the following:

- Improved safety, management, reliability and efficiency of Canada's drinking water treatment and distribution systems;
- Increased number of households with access to safe drinking water that meets or exceeds the Guidelines for Canadian Drinking Water Quality;
- Improved protection and/or management of drinking water sources; and
- Improved conservation of water.

Subcategories

- Drinking water treatment infrastructure.
- Drinking water distribution systems (may include metering as part of a larger project).

Please include information on the following in your business case:

- If applicable, please state the amount by which the project will:
 - Increase the number of households provided with access to safe drinking water;
 - increase the number of households equipped with residential metering;
 - increase service reliability of water treatment and distribution facilities;
 - increase efficiency in the treatment plant operations and/or distribution system, as demonstrated by a reduction in water leakage or loss, use of treatment chemicals, energy use and/or number of boil water advisories; and
 - reduce impact on the environment due to lower volume of water extraction and watershed management.
- If applicable, please outline how the project will:
 - improve quality of drinking water;
 - meet or exceed provincial standards drinking water quality following completion of the project; and
 - decrease daily per capita water use.
- Please include the following information:
 - list the capacity issues and solutions;
 - outline the alternatives considered and why this is the best alternative;
 - list the problems and solutions for water quality;
 - list the financial support of other partners for this project;
 - your readiness to proceed with construction of the project;
 - your Long Term Utilities Sustainability Plan;
 - any safety issues other than health issues;

- conservation measures that have been considered (for example, improvements through energy usage & efficiencies, reduction in green house gases, use of water meters or other energy efficiency measures);
- how full cost pricing on water delivery is supported by universal metering for water, and if not, how cost recovery will be pursued; and
- how capital, operating and maintenance shortfalls will be addressed.

Additional information:

- Proponent has in place or commits to implementing full cost recovery.