

APPENDIX A - Category Specific Supplement

WASTEWATER

I. Objective

To invest in wastewater infrastructure that contributes to economic growth, a clean environment and stronger communities.

II. Subcategories

- Wastewater treatment facilities or systems
- Wastewater collection systems
- Separation of combined sewers and/or combined sewer overflow control, including real-time control and system optimization
- Separate storm water collection systems and/or storm water treatment facilities or systems
- Wastewater sludge treatment and management systems

III. Outcomes and Benefits

The project must demonstrate how it provides benefits to British Columbians in support of one or more of the following outcomes:

- Measurably and quantifiably reducing the volume and/or improvement in the level of treatment of wastewater effluent;
- Increasing the number of households, industries, commercial establishments, and institutions with untreated wastewater connected to sanitary wastewater systems;
- Reducing the volume and incidents of discharge of untreated wastewater effluent as a result of sanitary sewer and combined sewer overflow events;
- Improving quality of treated stormwater effluent;
- Improving the reliability or performance of the wastewater collection; and/or treatment system;
- Improving wastewater sludge treatment and management.

IV. Project Specific Criteria

- Must demonstrate the economic advantages and the broader public benefits of the project.
- Projects for the construction of new or material rehabilitation or expansion of existing wastewater treatment facilities must result in wastewater effluent that meets the Wastewater Systems Effluent Regulations (WSER), where applicable.
 - In jurisdictions where the WSER does not yet apply, the afore-mentioned projects must meet provincial/territorial equivalency.

- Projects for the construction of new or material rehabilitation or expansion of existing wastewater sludge treatment and management facilities must meet applicable provincial/territorial and federal regulations and licensing requirements.

V. Sources for Best Practices

- British Columbia Water and Waste Association (BCWWA): This non-profit association is dedicated to safeguarding of public health and the environment through the sharing of skills, knowledge and experience in the water and wastewater industries. <http://www.bcwwa.org/>
- Canadian Council of Ministers of the Environment: Canada-wide Strategy for the Management of Municipal Wastewater Effluent: The strategy will provide specific measures to improve management of municipal wastewater in a consistent manner that will better protect the environment and human health. http://www.ccme.ca/en/resources/water/municipal_wastewater_effluent.html
- Environmental Operators Certification Program: The Program's objective is to protect human health, the environment, and the investment in facilities through increased knowledge, skill and proficiency of the members of the Program. <http://www.eocp.org/>
- InfraGuide Best Practices for Wastewater: Technical solutions to challenges municipalities commonly face with storm and wastewater. <https://www.fcm.ca/home/programs/past-programs/infraguide.htm>
- Ministry of Health Services – Land Use Program (Sewerage): Provides expert advice to Health Authorities and develops legislation and guidelines regarding all aspects of sewerage systems. https://www.health.gov.bc.ca/protect/lup_index.html
- Municipal Sewage Regulation – Highlights Regarding Use of Reclaimed Water: This fact sheet describes the production and use of reclaimed water. <https://www2.gov.bc.ca/gov/theme.page?id=1D1E3C96BFEE11B9960E8FFEC5AF406A>