CAMRIF PROJECT REVIEW AND RANKING WORKSHEET
CATEGORY 2 – WASTEWATER
DESRIPTION

A.3 CATEGORY 2: WASTEWATER

A.3.1 OBJECTIVE

The objective of this category is to construct, restore or improve Infrastructure that minimizes the potential impacts of effluent on sources of drinking water, aquatic ecosystems including fisheries resources and biodiversity, and that increases the efficiency of wastewater and stormwater collection and treatment systems.

A.3.2 SUBCATEGORIES

a) Wastewater systems including sanitary and combined sewer systems; and
b) Separate storm water systems.

A. Mandatory Screening Criteria
Project Meets or Exceeds the Following:
• The Project will reduce effluent contaminants, including toxics, in wastewater treatment plant output.
• In the case of a Project where the resulting Infrastructure will serve a commercial operation, this business case must provide for full cost recovery. If full cost recovery is not possible, the case must provide for alternative strategies for recovery.

B. Ranking Criteria
() denotes master ranking list line item number.
Shared Criteria
1. Has broad support in the community.
2. Addresses its impact on the various climate parameters and adapts to the potential risks posed by future climate change.
3. Minimizes impact on climate change by: • mitigating or reducing GHGs by using renewable energy sources, innovative technologies and practices that increase energy efficiency, or by other mitigation strategies; and • cost-effectively minimizing GHG emissions attributable to the Project in both construction and operation.
4. Fosters alliances between public and private sector, and encourages a P3.
5. Uses best practices for technologies and construction.
6. Improves energy usage and efficiency.
7. Features closed-loop resource management (wastewater, bio-solids and waste re-use and recycling, power generation derived from treatment process or solid waste, and passive energy sources).
8. Reduces or eliminates potential health risks.
9. Is based on a strategy for local water and wastewater management providing for long-term sustainability including appropriate metering and pricing.

Shared Criteria
10. Is supported by a business case that addresses: • demand- management including water metering and public education; and • a sustainable approach to financing that ensures ongoing operation, maintenance and upgrading.
Category Specific Criteria
11. (19) Addresses the management of storm water by, for example, separating wastewater systems from storm water systems;
12. (20) Diminishes the frequency of sanitary and combined sewer overflows during rainfall;
13. (21) Proposes a wastewater system that is equivalent in performance to secondary treatment with additional treatment if appropriate.
14. (22) Significantly reduces any contamination of surface and groundwater sources so as not to negatively alter water quality of aquatic environments.
15. (23) Considers collection systems and regional pipelines that can be effective in eliminating point source discharges to the environment.