WATER & WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Combined Sewer Overflow and Basement Flood Management Strategy - Rutland Trunk**

Standing Policy Committee: Water, Waste and Environment

Dept ID: 200752
Department: Water and Waste
Project: 2038000123

Investment Driver: Regulatory
Service: Wastewater
OurWinnipeg: Environmental Resilience

AUTHORIZATION	Previous Budgets	2023 Estimate	FORECAST 2024	2025	2026	2027	2028	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	69,359	-	-	-	-	-	-	69,359
Financed by:									
Environmental Projects Reserve		42,199						-	42,199
Federal Disaster Mitigation and Adaptation Fund		27,160						-	27,160

CASH FLOW	2023	2024	2025	2026	2027	2028	Beyond 2028	Total
Project Costs ($000's)	-	9,359	40,000	20,000	-	-	-	69,359
Financed by:								
Environmental Projects Reserve		5,615	24,584	12,000				42,199
Federal Disaster Mitigation and Adaptation Fund		3,744	15,416	8,000				27,160

NET OPERATING IMPACT ($000's)	2023	2024	2025	2026	2027	2028
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
Total Direct Costs	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
Net Cost/(Benefit)	-	-	-	-	-	-
Incremental Full Time Equivalent Positions	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a program

The Combined Sewer Overflow (CSO) and Basement Flood Management Strategy projects are driven by the CSO Master Plan, which was approved by the Province on November 13, 2019, developed to meet the requirements of Environment Act Licence No. 3042. The objectives of this multi-year program are to comply with the regulations to mitigate the impact of CSO's on the local water courses and improve basement flooding protection. The plan is designed to take the current sewer system from collecting about 74% of overflow volume and treating it, to collecting and treating 85% of overflow volume by 2045.

As part of the 2022 capital budget process, funding was adjusted to reflect the Council Notice of Motion on April 29, 2021, which increased the CSO program budget by 50% annually in 2024-2027 to expedite the work.

The Rutland Trunk is the next identified priority for sewer separation work reducing the effects of combined sewer overflows on our waterways as part of the CSO Master Plan. Funds budgeted are for the for sewer relief works including; sewers, chambers, weirs, and other related works.

All projects within the program are updated to a class 3 estimate through preliminary and detailed design prior to any construction work.

This program may include a maximum of 3 temporary capital funded full-time equivalents.

The expected life of the sewers is 50 years, mechanical components is 25 years and Supervisory Control and Data Acquisition system is 10 years.

This project being advanced to 2023 is contingent on a successful application under the Federal Disaster Mitigation and Adaptation Fund which will provide up to 40% funding of eligible costs.