Project Name: **Asset Refurbishment and Replacement Program**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste
Project: 2030000522
Service: Wastewater
OurWinnipeg: Environmental Resilience

AUTHORIZATION	Previous Budgets	2022 Adopted	FORECAST 2023	2024	2025	2026	2027	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	4,000	5,000	5,000	5,000	5,000	5,000	25,000	29,000
Financed by:									
Retained Earnings		4,000	5,000	5,000	5,000	5,000	5,000	25,000	29,000

CASH FLOW	2022	2023	2024	2025	2026	2027	Beyond 2027	Total
Project Costs ($000's)	4,000	5,000	5,000	5,000	5,000	5,000	-	29,000
Financed by:								
Retained Earnings	4,000	5,000	5,000	5,000	5,000	5,000		29,000

NET OPERATING IMPACT ($000's)	2022	2023	2024	2025	2026	2027
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 scalable program

A risk and criticality review of the City's three sewage treatment plants has been undertaken to assess the condition of assets and to develop a refurbishment and replacement plan for the next 25 years. The improvements identified will address process reliability, mechanical, electrical, structural components, building envelope, and safety at all three locations including any related works required such as environmental studies/assessments or decommissioning of assets. Operational efficiency improvements will also be identified and implemented in a coordinated fashion with the enhanced maintenance program.

Asset assessment and plan development are ongoing, which will continue to address items as identified. Class estimates for individual projects within this program will be revised to class 3 through preliminary engineering prior to construction.

The expected life of the structure upgrades is 50 years and the expected life of the electrical and mechanical components is 25 years.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Brady Road Resource Management Facility - Cell Construction**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste
Project: 2062000422

Service: Solid Waste Collection and Disposal
OurWinnipeg: Environmental Resilience

AUTHORIZATION	Previous Budgets	2022 Adopted	FORECAST 2023	2024	2025	2026	2027	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	750	1,800	-	500	2,800	1,000	6,100	6,850
Financed by:									
Retained Earnings		750	1,800		500	2,800	1,000	6,100	6,850

CASH FLOW	2022	2023	2024	2025	2026	2027	Beyond 2027	Total
Project Costs ($000's)	750	1,800	-	500	2,800	1,000	-	6,850
Financed by:								
Retained Earnings	750	1,800		500	2,800	1,000		6,850

NET OPERATING IMPACT ($000's)	2022	2023	2024	2025	2026	2027
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 scalable program

Solid waste must be disposed of in engineered landfill cells under the conditions of the Environment Act Licence No. 3081 R. As the capacity of existing landfill cells is consumed, new cells and their supporting infrastructure must be designed and constructed. The funding identified provides for design, excavation, liners, leachate collection, associated surface and ground water management, access roads, and associated engineering work.

The expected life of this asset is 50 years.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.