DEPARTMENT NAME

Project Name: **South End Water Pollution Control Centre (SEWPCC) - Nutrient Removal / Expansion**

Standing Policy Committee: Water, Waste and Environment

Dept ID: 200752
Department: Water and Waste
Project: 203210002B

Lifecycle Activity: Upgrade
Service: Wastewater
OurWinnipeg: Environmental Resilience

AUTHORIZATION	Previous Budgets	2025 Estimate	FORECAST 2026	2027	2028	2029	2030	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	375,600	10,000	-	-	-	-	-	-	10,000
Financed by:									
Environmental Projects Reserve		10,000						-	10,000

CASH FLOW	2025	2026	2027	2028	2029	2030	Beyond 2030	Total
Project Costs ($000's)	10,000	-	-	-	-	-	-	10,000
Financed by:								
Environmental Projects Reserve	10,000							10,000

NET OPERATING IMPACT ($000's)	2025	2026	2027	2028	2029	2030
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: See table below
SPAP Theme: The Downtown
SPAP Action Item:

@	2025	2026	2027	2028	2029	2030
Class Estimate	3					
Authorization ($000's)	10,000					
Feasibility						
Preliminary Design						
Detailed Design & Construction	10,000					

The Province of Manitoba has issued the City of Winnipeg an Environment Act Licence requiring the treatment of nutrients (nitrogen (N) and phosphorus (P)) among other requirements at the SEWPCC.

The Implementation of Biological Nutrient Removal (BNR) will require a major plant upgrade and expansion. Also, the population within the SEWPCC service area is growing and will necessitate an effluent capacity upgrade. The project will address the BNR effluent quality limits and increased capacity requirements

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years