

Preliminary Budget

**Water and Waste Department  
Presentation to SPC Water, Waste  
and Environment**

January 14, 2025

# Agenda

1. Service Highlights and Business Plan Statements
2. Performance Reporting
3. Budget Highlights and Overview
4. Service Based:
  - a. Operating Budget
  - b. Capital Budget
  - c. Reserve Projections
5. Questions



# Service Highlights and Business Plan Statements

## Key Achievements 2023 and 2024

- **NEWPCC Upgrade: Biosolids Facilities**
- **SEWPCC Upgrade**
- **Interim Organics**
- **Water Meter Renewals – Advanced Metering Infrastructure Project**

## Challenges

- **NEWPCC Upgrade: Nutrient Removal Facilities**
- **Sewer Utility Rates**

## Future Plans

- **Solid Waste Utility**

# Performance Reporting – Water



## Description

Provide citizens with a safe and adequate supply of potable water for residential and commercial use through water supply, storage, treatment, pumping, distribution and metering.


Key services include water supply and treatment, and water distribution.

## OurWinnipeg



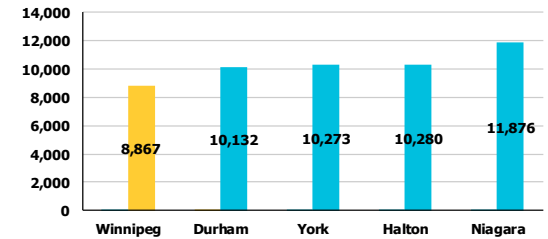
Environmental Resilience (ER)

## Performance Reporting

SPAP Theme / Service Goal / Measure Description	2022 Actual	2023 Actual	2023 Target	2024 Target	2025 Target
 <b>Goal 1: To provide a safe, reliable and sustainable supply of potable water and fire protection by operating and maintaining the drinking water system in accordance with our Public Water System Operating Licence and the City of Winnipeg Charter</b>					
Megalitres of treated water per 100,000 population	8,996	8,867	9,850	9,850	9,850
Citizen satisfaction with quality of drinking water	81%	81%	85%	85%	85%

Source: 2025 Preliminary Budget pages 147, 148

## Megaliters of Treated Water per 100,000 Population (2023)

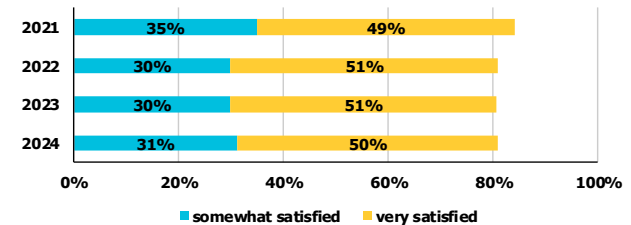


	2019	2020	2021	2022	2023
Wpg. Trend	9,363	9,197	9,468	8,996	8,867

Source: Municipal Benchmarking Network Canada (WATR210)

## Effectiveness Measurements

### Citizen Satisfaction with Quality of Drinking Water



	2020	2021	2022	2023	2024
Total Satisfied	86%	84%	81%	81%	81%

Source: City of Winnipeg Annual Citizen Survey

# Performance Reporting – Wastewater



## Description


Provide property owners with the collection, transmission, disposal, treatment and monitoring of wastewater in order to ensure the environmentally appropriate handling of high volume sewage discharge.

Key services include wastewater collection and wastewater treatment.

## OurWinnipeg

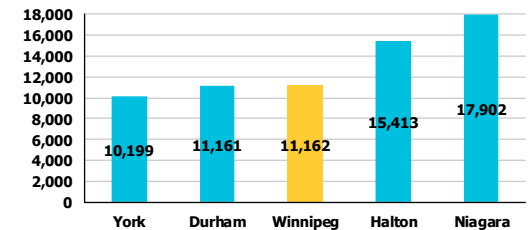


## Performance Reporting

SPAP Theme / Service Goal / Measure Description	2022 Actual	2023 Actual	2023 Target	2024 Target	2025 Target
 <b>Goal 1: To meet or outperform Environmental Act licence requirements for sewage treatment plants, combined sewer overflows and biosolids</b>					
Megalitres of Treated Wastewater per 100,000 Population [A]	15,515	11,162	11,150	11,640	11,681
Citizen satisfaction with protection from sewer back-up	76%	82%	85%	85%	85%

Source: 2025 Preliminary Budget pages 151, 152

Megalitres of Treated Wastewater per 100,000 Population (2023)

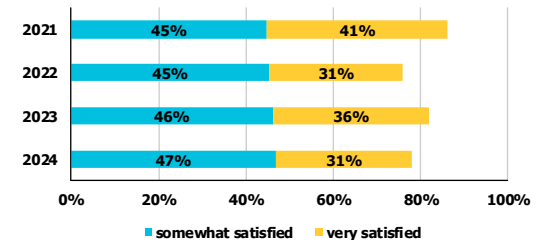


	2019	2020	2021	2022	2023
Wpg. Trend	13,076	11,166	10,719	15,515	11,162

Source: Municipal Benchmarking Network Canada (WWTR210)

Note: City comparatives are based on available data.

Citizen Satisfaction with Protection from Sewer Back-up



	2020	2021	2022	2023	2024
Total Satisfied	87%	86%	76%	82%	78%

Source: City of Winnipeg Annual Citizen Survey

# Performance Reporting – Land Drainage and Flood Control

## Description

Provide property owners with storm and flood water control in order to prevent flood damage to property.

To monitor riverbank conditions, including undertaking stabilization and erosion protection along city-owned riverbank lands.

Key services include flood control, waterways management, and land drainage.



## OurWinnipeg




Environmental Resilience (ER)



Leadership and Good Governance (LG)

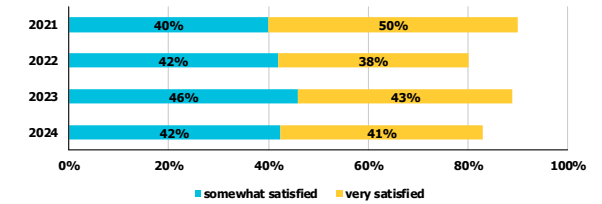
## Performance Reporting

SPAP Theme / Service Goal / Measure Description	2022 Actual	2023 Actual	2023 Target	2024 Target	2025 Target
 <b>Goal 1: Investigate and implement opportunities to improve flood protection measures to minimize potential damage to property and equipment</b>					
Citizen satisfaction with protection from river flooding [B]	80%	89%	90%	90%	90%

Source: 2025 Preliminary Budget pages 155, 156

## Effectiveness Measurements

Citizen Satisfaction with Protection from River Flooding



Total Satisfied	2020	2021	2022	2023	2024
	93%	90%	80%	89%	83%

Source: City of Winnipeg Annual Citizen Survey

# Performance Reporting – Solid Waste Collection



## Description


The Solid Waste Collection services include weekly collection of garbage from single-family and multi-family homes. Other miscellaneous services are offered on a fee for service basis and include collection of surplus waste, large items, and appliances as well as garbage collection from small commercial entities and the collection of dead animals from public right-of-ways.

Garbage collection services are provided by contractors and the City manages multiple contracts for this service.

## OurWinnipeg

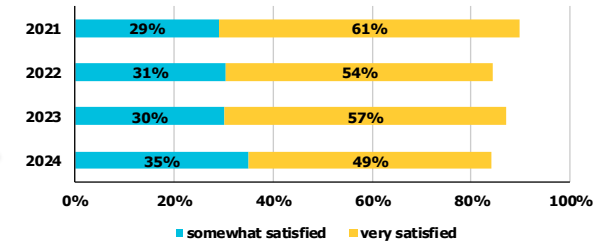


## Performance Reporting

SPAP Theme / Service Goal / Measure Descri	2022 Actual	2023 Actual	2023 Target	2024 Target	2025 Target
 <b>Goal 1: Improve and sustain performance of the waste collection system</b>					
Citizen satisfaction with garbage collection	84%	87%	90%	90%	90%

Source: 2025 Preliminary Budget pages 159, 160

## Effectiveness Measurements Citizen Satisfaction with Garbage Collection



	2020	2021	2022	2023	2024
<b>Total Satisfied</b>	94%	90%	84%	87%	84%

Source: City of Winnipeg Annual Citizen Survey

# Performance Reporting – Solid Waste Disposal

## Description

Solid Waste Disposal services include the operation and maintenance of the City's active and closed landfills.


The Brady Road Resource Management Facility is the site of the only active landfill the City of Winnipeg operates and it receives all of the City's residential garbage and some commercial waste as well. A landfill gas system collects and flares landfill gas, which diverts equivalent tonnes of carbon dioxide every year. Additionally this area is responsible for the maintenance and environmental monitoring of the thirty-three closed landfill sites within the City.

## OurWinnipeg



Environmental Resilience (ER)

## Performance Reporting

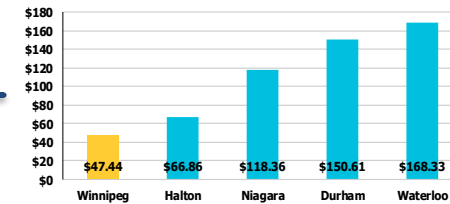
SPAP Theme / Service Goal / Measure Description	2022 Actual	2023 Actual	2023 Target	2024 Target	2025 Target
 <b>Goal 1: To ensure efficiency of waste disposal by maintaining an operating cost per tonne of less than the Municipal Benchmarking Network Canada average</b>					
Operating cost for solid waste disposal per tonne	\$44.38	\$47.44	\$38.00	\$47.50	\$48.50

Source: 2025 Preliminary Budget pages 162, 163



## Efficiency Measurement

Operating Cost for Solid Waste Disposal per Tonne - All Property Classes (2023)



This chart shows the total cost per tonne to dispose of all residential, commercial, industrial and other municipality waste. Winnipeg has the lowest operating cost per tonne for solid waste disposal among the cities being compared. Winnipeg's cost is lower than the average (\$110.32).

	2019	2020	2021	2022	2023
Wpg. Trend	\$36.81	\$34.28	\$36.48	\$44.38	\$47.44

Source: Municipal Benchmarking Network Canada (SWST325)



# Performance Reporting – Recycling and Waste Diversion

## Recycling and Waste Diversion

### Description

Recycling services provided to residents include the weekly collection for single-family and some multi-family homes and sorting of the recyclables at the material recovery facility. Bales of commodities collected are sold and shipped at market prices. Public recycling community drop-off depots are also located throughout the City.

Waste diversion services include bi-weekly seasonal yard waste collection and the operation of a nine-hectare composting pad located at the Brady Road Resource Management Facility. Additionally, there are three 4R Winnipeg Depot locations which provide residents a one-stop location for recycling materials, divertible materials and the safe disposal of hazardous waste including paints, oil and electronics.

Waste minimization services include an education program that supports backyard composting, grasscycling, giveaway weekends and other waste diversion initiatives.

Key services include recycling and waste diversion.

### OurWinnipeg




Environmental Resilience (ER)



Leadership and Good Governance (LG)

### Performance Reporting

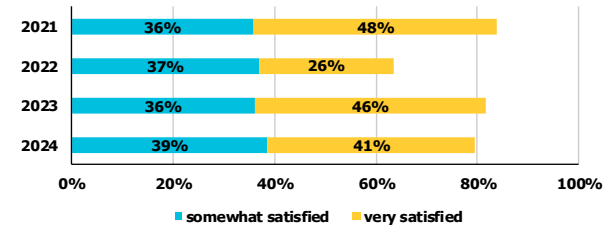
SPAP Theme / Service Goal / Measure	2022	2023	2023	2024	2025
Description	Actual	Actual	Target	Target	Target
 <b>Goal 3: Improve and sustain performance of the waste reduction and diversion system</b>					
Citizen satisfaction with recycling	63%	82%	85%	85%	85%

Source: 2025 Preliminary Budget pages 166, 167



### Effectiveness Measurements

#### Citizen Satisfaction with Recycling



	2020	2021	2022	2023	2024
<b>Total Satisfied</b>	88%	84%	63%	82%	80%

Source: City of Winnipeg Annual Citizen Survey

# 2025 Budget Overview

## Service Based View

Service Based Budget (in millions of \$)	FTEs	Surplus / (Deficit)	Capital Budget	Reserves, Net Changes
Water	395.8	10.8	130.7	13.6
Wastewater	430.7	22.7	119.3	(68.5)
Land Drainage and Flood Control <sup>1</sup>	27.5	(0.6)	12.5	-
Solid Waste Collection	14.4	(28.2)	-	-
Solid Waste Disposal	37.9	2.4	18.4	(1.8)
Recycling and Waste Diversion	80.9	(2.9)	1.9	1.1
<b>Total</b>	<b>987.2</b>	<b>4.2</b>	<b>282.8</b>	<b>(55.6)</b>

Notes:

1. Other contributing departments include - PPD (6% ) and PWD (1.8%)

Source: Multi-year budget 2025-2028 pages 145-169 and 352-354

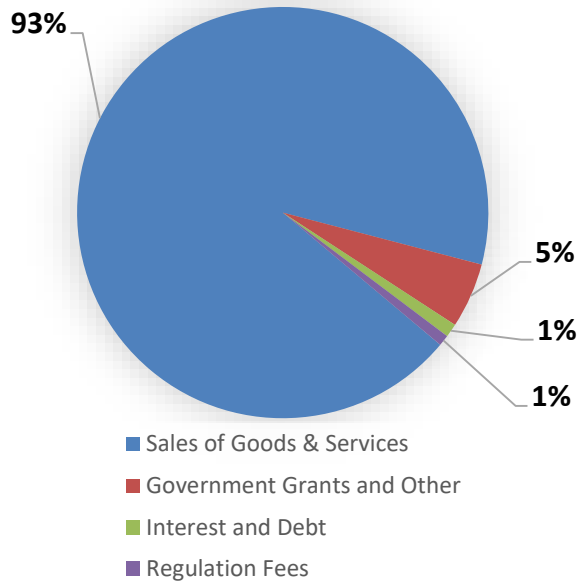
# Service Based Operating Budget



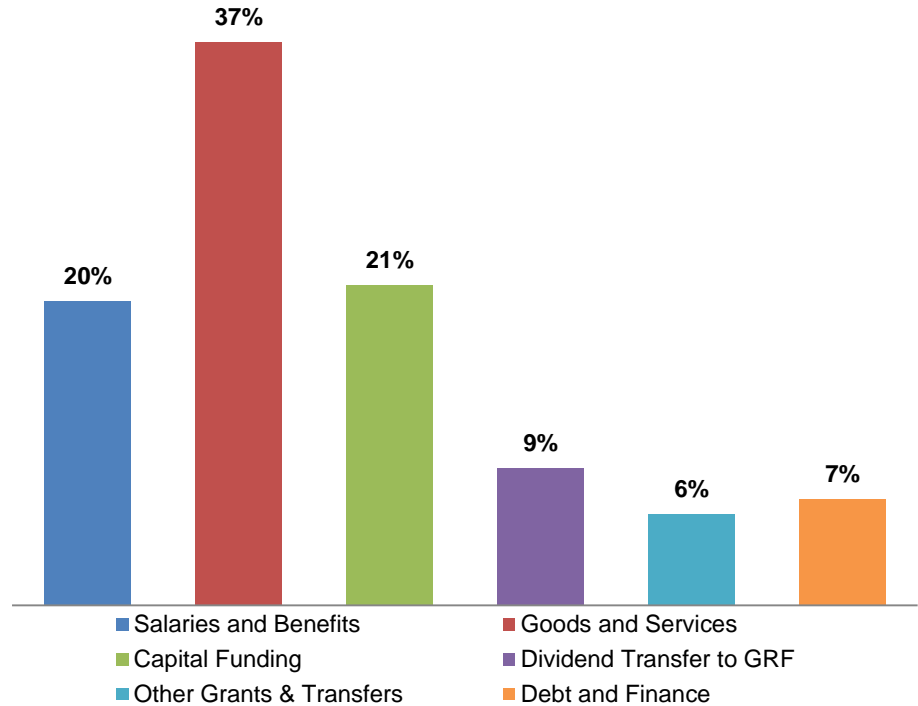
# 2025 Budget Overview

## (Service Based View)

Revenues = \$480.1 million



Expenditures = \$475.9 million



Source: Multi-year budget 2025-2028 pages 145-169

# Comparison of 2024 Adopted Budget to 2025 Budget

## Service Based View

In millions of \$	2024 Adopted Budget	2025 Budget	2025 Increase / (Decrease)			2026 Projection	2027 Projection
			\$	%	Notes		
Revenue	\$ 455.0	\$ 480.1	\$ 25.1	5.5%	1	\$ 509.4	\$ 540.6
Expenditure	439.3	475.9	36.6	8.3%	2	498.9	534.1
<b>Surplus / (Deficit)</b>	<b>\$ 15.7</b>	<b>\$ 4.2</b>				<b>\$ 10.5</b>	<b>\$ 6.5</b>

Notes:

1. Revenue is primarily increasing from the introduction of the multi-unit waste diversion fee in 2025, and an increase in water and sewer rates as per the 2024 rate report.
2. Expenditures are primarily increasing as a result of transfers to capital reserves, debt and finance charges, solid waste collection contracts, salary and benefits, and transfers to the General Revenue Fund for dividend and tree planting.

Source: 2025 Preliminary Budget pages 101, 149 to 169

# Comparison of 2025 Projection (from 2024 Adopted Budget) to 2025 Budget Update

## Service Based View

In millions of \$

2025 to 2027 Budget - Surplus

2025 to 2027 Projection from 2024 Budget - Surplus

**Surplus (Decrease)**

	2025 Budget	2026 Projection	2027 Projection
	\$ 4.2	\$ 10.5	\$ 6.5
	21.3	24.0	35.6
<b>Surplus (Decrease)</b>	<b>\$ (17.1)</b>	<b>\$ (13.5)</b>	<b>\$ (29.1)</b>

Notes:

1. Decreases to projected surplus primarily due to increased transfers to capital reserves, and increased transfer from land drainage utility to general revenue fund to fund tree planting to reduce stormwater run off.

Source: 2025 Preliminary Budget pages 101, 149 to 169, 2024 Adopted Budget pages 105, 147-171.

# Salary Budget and Full Time Equivalents (FTEs) / Vacancy Management / FTE Recoveries

## Service Based View

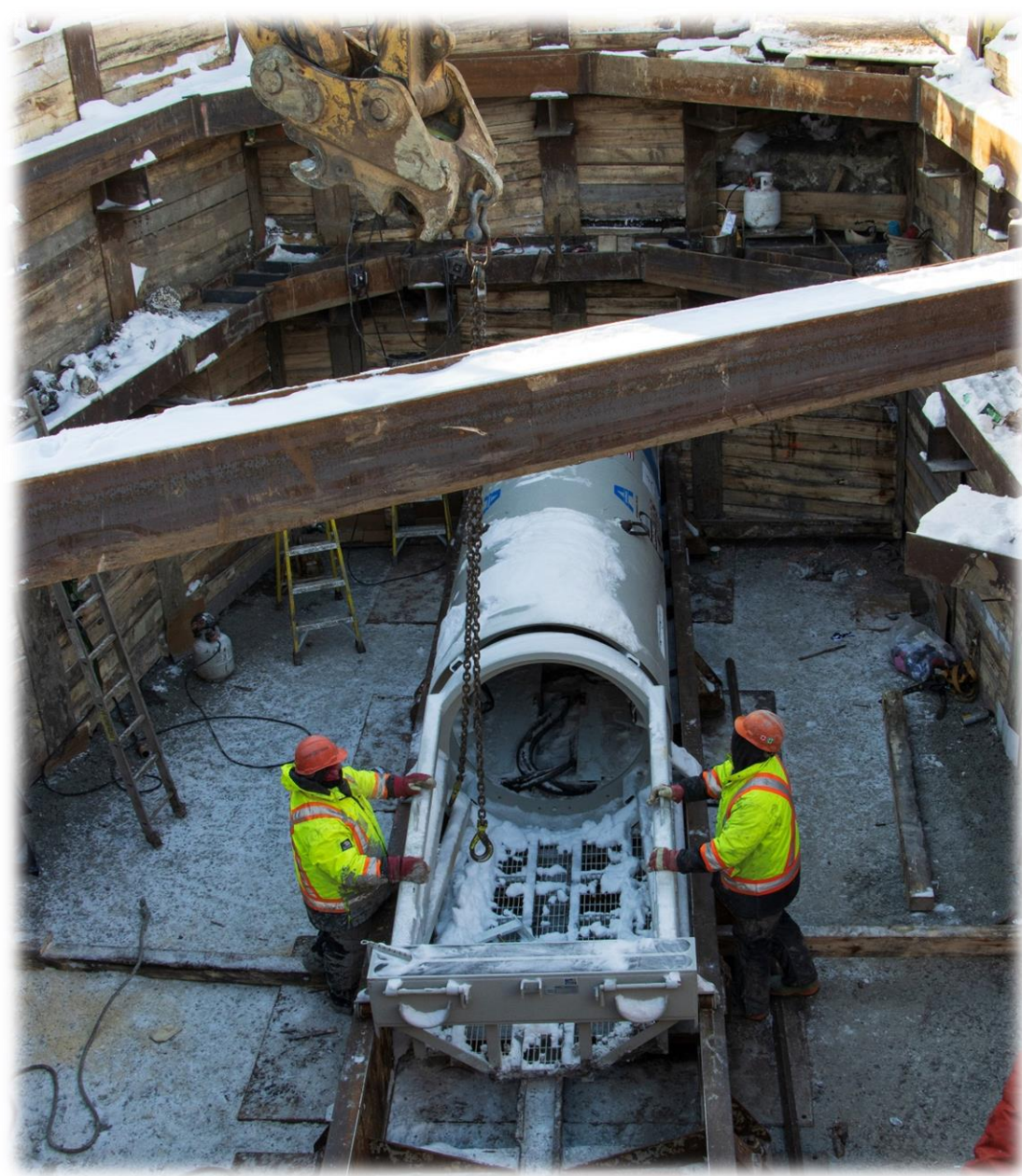
	2024 Adopted Budget	2025 Budget	Increase / (Decrease)	2026 Projection	2027 Projection
<b>Full Time Equivalents</b> <i>(number of FTEs)</i>	982.03	987.24	5.21	987.49	987.49
<b>Salaries &amp; Benefits</b> <i>(in millions of \$)</i>	\$ 92.18	\$ 96.14	\$ 3.96	\$ 99.31	\$ 102.16

### Notes:

1. Total departmental vacancy management \$5.26M and 73.25 FTEs. 1 FTE is approximately equivalent to \$71,829 for vacancy management in the 2025 budget.
2. 24 temporary FTEs expected to be working in 2025 at a cost of \$2.8M. These costs are not included in the operating budget but noted on the capital detail sheets, where applicable.
3. FTE increase of 5.21 FTE primarily due to reintroduction of Water Main Cleaning Program and operational requirements stemming from Capital projects.

Source: Preliminary 2025 Budget pages 149 to 169

# Service Based Capital Budget





# Capital Summary

## Service Based View

Service (\$000's)	2024 Adopted Budget	2025 Budget	2026 - 2030 Forecast	6-year Total
Water	44,010	130,709	269,560	400,269
Wastewater	153,850	119,297	531,278	650,575
Land Drainage and Flood Control	9,735	12,508	28,060	40,568
Solid Waste Collection and Disposal	3,025	18,427	26,535	44,962
Recycling and Waste Diversion	500	1,944	19,460	21,404
<b>Total Capital Budget</b>	<b>211,120</b>	<b>282,885</b>	<b>874,893</b>	<b>1,157,778</b>

Source: Preliminary 2025 Budget, Capital Budget Appendix pages 174, 196, 205-214, 217, 240-288, and 292-295; Supplement to the 2024 Adopted Budget

# Key Projects in the Funded Capital Submission

## Service Based View



**WEWPCC Screening and Grit Removal**  
Upgrade the grit removal process at the West End Sewage Treatment Plant  
Budget Year(s): 2025 -2026  
Amount: \$21.571 million



**River Crossings Monitoring and Renewals**  
Replace the Fort Garry-St Vital wastewater sewer crossing of the Red River  
Budget Year(s): 2025  
Amount: \$17.412 million

**Shoal Lake Aqueduct Renewals**  
Condition assessment and renewal of the Aqueduct  
Budget Year(s): 2025 & 2028  
Amount: \$14.202 million



**Feeder Main Renewals**  
Condition assessment and renewal of water distribution feeder mains  
Budget Year(s): 2025-2030  
Amount: \$5.530 million



**Green Cart Program: Organics Collection and Processing Service Development**  
Purchase green carts and establish a service contract to process organic waste at a merchant facility. SPAP Item 4.8  
Budget Year(s): 2025, 2027 & 2028  
Amount: \$20.372 million

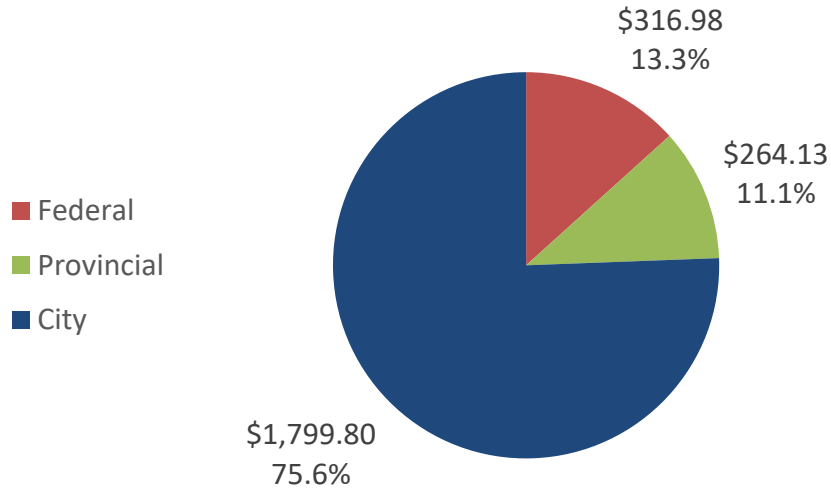


**Soil Fabrication for Landfill Cover**  
Program for all-season soil fabrication to meet vegetative cover licence requirement at City landfills  
Budget Year(s): 2025-2027  
Amount: \$2.260 million

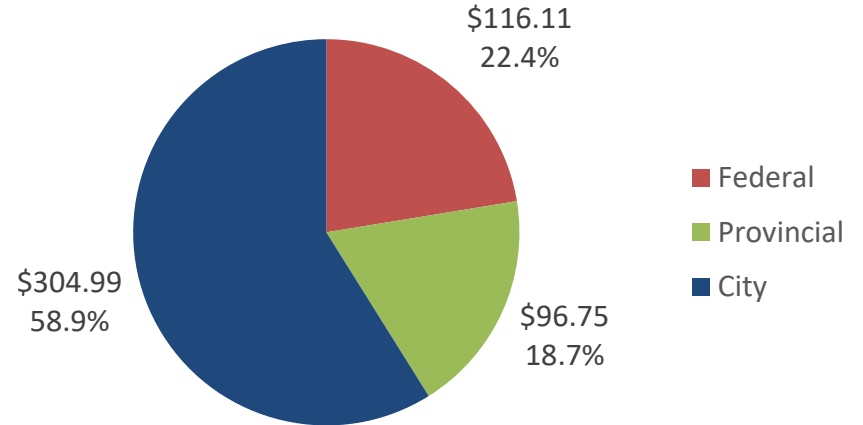
Source: Preliminary 2025 Budget, Capital Budget Appendix pages 259, 273, 240, 255, 278, & 276

# NEWPCC Upgrades – Current Funding Share (\$ millions)

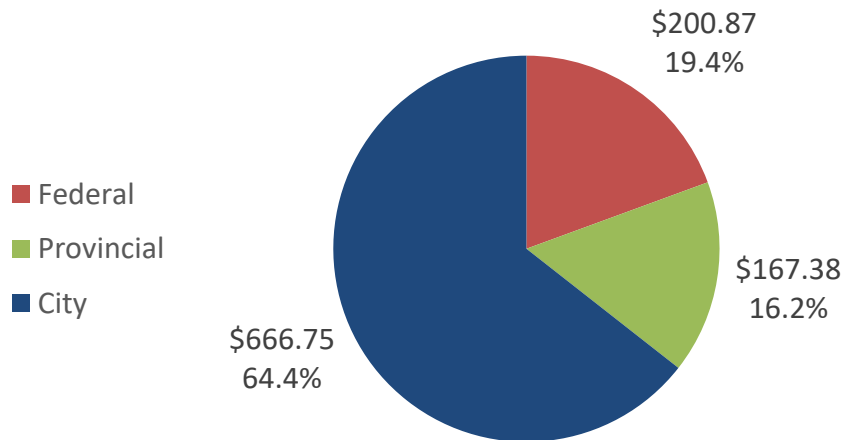
## Total NEWPCC Upgrades



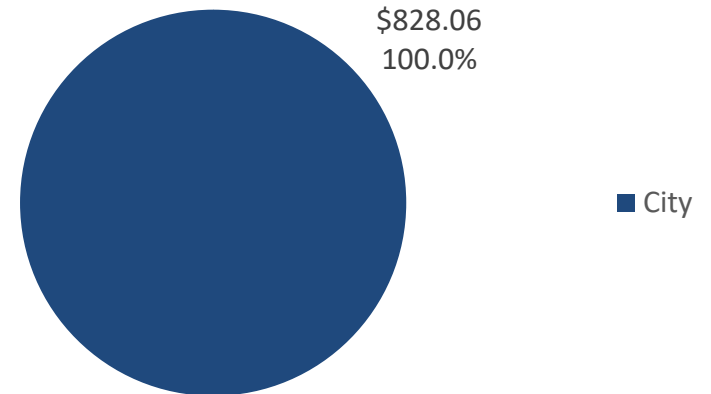
## Headworks Facilities



## Biosolids Facilities



## Nutrient Removal Facilities



# Capital Budget Changes

## Service Based View

Description (\$000's)	Expln.	Changes from Forecast						2030 Forecast	6-year Total	SPAP Action Item
		2025 Budget	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2025 to 2029 Total			
Council Approved Forecast		182,035	194,190	219,900	192,940	154,575	943,640		943,640	
<b>Increase / (Decrease) From Forecast:</b>										
Greater Winnipeg Water District Railway Renewals	1	2,786		(300)	(2,000)		486		486	None
Waterworks System Security Renewals	2	5,857	313				6,170		6,170	None
River Crossings Monitoring and Renewals (formerly River Crossings Monitoring and Rehabilitation)	3	17,412					17,412		17,412	None
WEWPCC Screening and Grit Removal	4	4,220	17,351				21,571		21,571	None
Green Cart Program Organics Collection and Processing Servicing	5	1,522		390	18,460	-	20,372		20,372	4.8 Develop and implement a city-wide residential
2030 Forecast								130,469	130,469	
Other Changes		69,053	(13,438)	(26,294)	(4,477)	(7,186)	17,658		17,658	
<b>Total Changes</b>		<b>100,850</b>	<b>4,226</b>	<b>(26,204)</b>	<b>11,983</b>	<b>(7,186)</b>	<b>83,669</b>	<b>130,469</b>	<b>214,138</b>	
<b>TOTAL CAPITAL BUDGET</b>		<b>282,885</b>	<b>198,416</b>	<b>193,696</b>	<b>204,923</b>	<b>147,389</b>	<b>1,027,309</b>	<b>130,469</b>	<b>1,157,778</b>	

### Variance to forecast explanations:

- Overall program funding has increased by \$486,000 due to a revised schedule advancing the Mile 41.3 bridge replacement to 2025.
- Aqueduct radio system and miscellaneous water system security renewals.
- Program funding has increased by \$17,412,000 in 2025 due to scope increase for the Fort Garry-St Vital River Crossing replacement. The increase is funded by Retained Earnings. Incremental funds of \$10,000,000 from the Government of Manitoba Strategic Infrastructure Basket funding announced March 6, 2024 was added to the 2024 adopted capital budget for the design and construction of the permanent river crossing replacement. Total estimated project cost is \$27,412,000.
- Project previously included under the Asset Refurbishment and Replace Program. Project has been separated from the program portfolio due to refined project understanding, updated cost
- On October 26, 2023, Council approved a project for Professional Consulting Services to assist in the development of an organics (primarily residential food waste) processing services program. Additional funds totalling \$20,372,000 are required for a Project Manager, consulting services, and cart procurement.

Source: Supplement to the 2025 Budget pages 249, 253, 273, 259, & 278; Supplement to the 2024 Budget pages 27-31 & 34-38

# Reserve Projections

## Service Based View

In Millions of \$	2024 Forecast Balance	2025 Activities	2025 Balance	2026 Balance	2027 Balance
Landfill Rehabilitation Reserve	\$ 1.8	\$ (1.8)	\$ -	\$ -	\$ 0.2
Climate Action Reserve	0.5	\$ (0.3)	\$ 0.2	\$ 0.1	\$ 0.1
Water Main Renewal Reserve	2.4	\$ (0.9)	\$ 1.5	\$ 1.4	\$ 1.7
Water Meter Renewal Reserve	52.7	\$ 14.5	\$ 67.2	\$ 74.6	\$ 73.9
Sewer System Rehabilitation Reserve	1.8	\$ 0.9	\$ 2.7	\$ 2.0	\$ 2.5
Environmental Projects Reserve	140.6	\$ (69.1)	\$ 71.5	\$ 18.7	\$ 2.4
Waste Diversion Reserve	16.0	\$ 1.1	\$ 17.1	\$ 18.4	\$ 20.1
<b>TOTAL</b>	<b>\$ 215.8</b>	<b>\$ (55.6)</b>	<b>\$ 160.2</b>	<b>\$ 115.2</b>	<b>\$ 100.9</b>

Source: Preliminary 2025 Budget Page 339 - Appendix 3 Reserves Summary

# Questions

