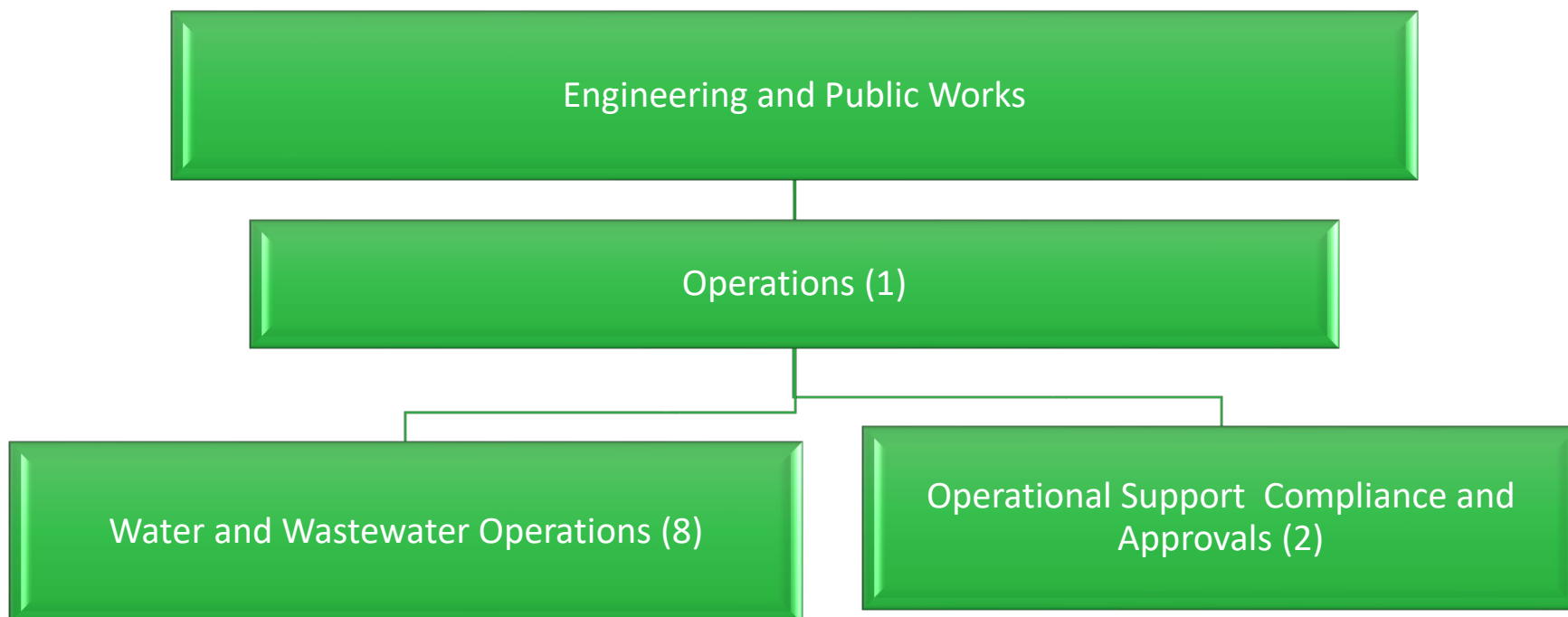


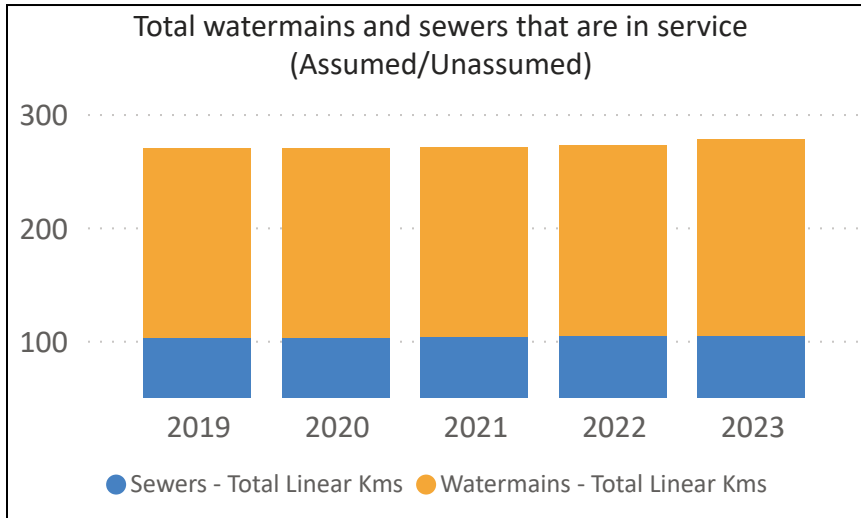
The Water and Wastewater business unit is a branch within the Operations Division of the Engineering and Public Works Department. This business unit is unique from the rest of the department as its operations are funded through the water and wastewater rates rather than through the tax levy. The Water and Wastewater business unit provides for the maintenance of the Town's water distribution and wastewater collection systems in accordance with the Ministry of the Environment, Conservation and Parks regulations. Drinking water quality is of the utmost importance and a significant effort is directed towards maintaining compliance and providing services in this highly regulated area.

The Water and Wastewater business unit is supported by 11 full time positions.

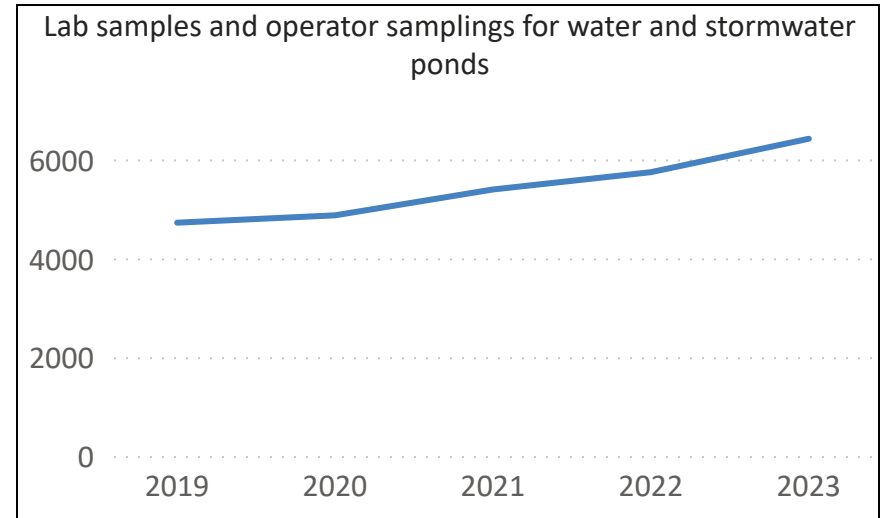


** All 2023 numbers have been estimated to year end for comparison purposes*

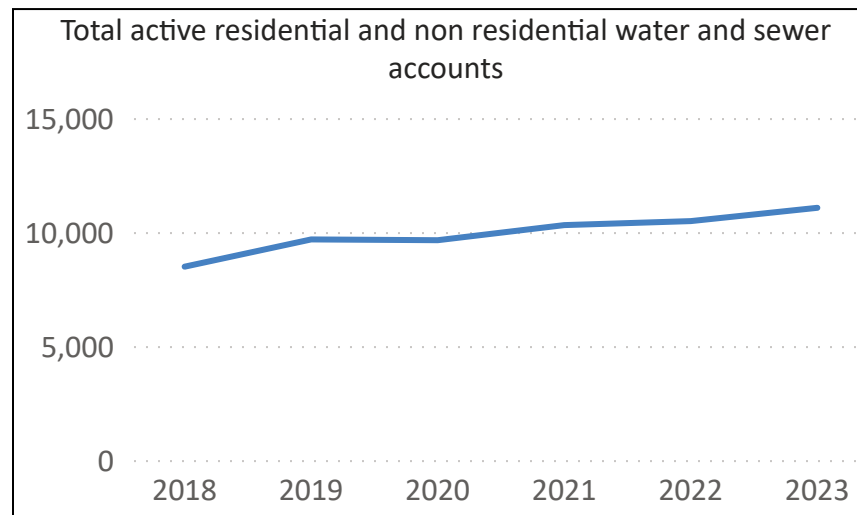
Total KM's of Infrastructure



Annual Water Regulatory Samples



Total Number of Active Accounts



Budget Summary

The Water and Wastewater expenditure budget includes expenditures of approximately \$11 million.

The main driver of cost increases for 2024 is the Regional costs for water supply and wastewater treatment. This accounts for approximately \$308,000 of the total \$398,000 expenditure increase for 2024.

Salaries and benefits have increased by approximately \$62,000 due to increases in standby, on call pay enhancements and a COLA allowance for all staff. The one time increase in 2023 for audit services of \$10,000 has been removed. Materials and supplies has increased by approximately \$7,000 due to increased fuel costs as well as and the rising costs relating to hydrants and auto flushing supplies. Indirect corporate costs have been reviewed and increased to ensure that support costs are equitably charged between the tax supported, fee supported and rate supported areas of the Town.

User fee revenue is projected to increase by approximately \$670,000. Approximately one third of this increase is due the increased growth and resulting water and wastewater volumes throughout the Town. Approximately \$105,000 of the increase is related to the 2024 phase in amount of the fixed water rate for large meter accounts. The remaining increase in revenue of approximately \$322,000 is related to a proposed increase in the

variable water and wastewater rates. The contributions to reserves have increased by approximately \$272,000 to align closer to the targeted reserve contribution in the Council approved 2020 Water and Wastewater Rate Study.

The proposed variable water and wastewater rates are increasing for 2024 by 4%. This increase is in line with inflation and brings the rates in line with the 2023 variable rates in the Council approved 2020 Water and Wastewater Rate Study. This is the first rate increase proposed since 2020 for variable rates. The rates are shown in the table below.

Service	Usage (Variable) < 35 m ³ per month	Usage (Variable) > 35 m ³ per month Residential	Usage (Variable) > 35 m ³ per month Non-Residential
Water	\$2.37 m ³	\$3.89 m ³	\$3.12 m ³
Wastewater	\$2.28 m ³	\$2.28 m ³	\$2.28 m ³

A review of the fixed water and wastewater rate structure was undertaken in 2022. To align with best practices, a charge based on water meter size was recommended. The rate structure is based on a scale developed by the American Water Works Association (AWWA). Approximately 99% of existing users will not be impacted by this change. Approximately 1% of existing users will experience an increase to their annual water and wastewater costs. It

was proposed that the change to the fixed rates be phased in over a three year period. The following table outlines the revised fixed rate structure and three year phase-in.

Meter Size	2023 Fixed Charge per service (monthly)	2024 Fixed Charge per service (monthly)	2025 Fixed Charge per service (monthly)
5/8" & 3/4"	\$23.00	\$23.00	\$23.00
1"	\$34.50	\$46.00	\$57.50
1.5"	\$53.67	\$84.33	\$115.00
2"	\$76.67	\$130.33	\$184.00
3"	\$130.33	\$237.67	\$345.00
4"	\$207.00	\$391.00	\$575.00
6"	\$398.67	\$774.33	\$1,150.00

Water and Wastewater 2024 Rate Supported Budget	2024 Budget	2023 Budget	Variance \$	Variance %
Expenditures				
Salaries and Benefits	1,664,069	1,602,451	61,618	4%
Audit Services		10,000	(10,000)	(100%)
Communications	8,500	8,500		
Contingency				
Contracted Services	453,375	453,375		
Courier and Mail Processing	100,000	100,000		
Equipment Repair		2,000	(2,000)	(100%)
Materials and Supplies	283,588	276,588	7,000	3%
Mileage	1,500	1,500		
Software Licences and Maintenance	59,000	59,000		
Training, Professional Development and Memberships	31,000	31,000		
Uniforms, Corporate Attire and Safety Clothing	12,500	12,500		
Utilities	28,750	28,750		
Indirect Corporate Costs	1,392,596	1,359,550	33,046	2%
Regional Water Charges	3,739,060	3,503,812	235,248	7%
Regional Wastewater Charges	3,677,258	3,604,157	73,101	2%
Total Expenditures	11,451,196	11,053,183	398,013	4%
Revenues				
Miscellaneous	(51,000)	(51,000)		
Sales	(55,000)	(55,000)		
User Fees	(13,868,961)	(13,198,530)	(670,431)	5%
Total Revenues	(13,974,961)	(13,304,530)	(670,431)	5%
Transfers				
Contributions to Reserves	2,523,765	2,251,347	272,418	12%
Total Transfers	2,523,765	2,251,347	272,418	12%
NET BUDGET	0	0	0	0%

**Water and Wastewater Capital Budget Summary
2024**

	Development Charges	Community Capital Contribution	Reserves	Deferred Revenue	Grants/ Sponsorships	Due From Other Municipalities	Gas Tax	2024 Budget	Previously Approved	Future Years Budget	Total Budget	Funding Source
Water and Wastewater												
Water Operations												
WW-24-001 Automated Meter Reading – Data Logger Installation			-425,000					425,000			425,000	Water Infrastructure
WW-24-002 Water System - Network Improvements			-450,000					450,000			450,000	Water Infrastructure
Total Water Operations			-875,000					875,000			875,000	
Wastewater Operations												
WW-24-003 Modernization of Sanitary Pumping Stations			-150,000					150,000			150,000	Sewer Infrastructure
Total Wastewater Operations			-150,000					150,000			150,000	
WWW Fleet												
WW-24-004 2018 CHEV Silverado 1500 4WD Crew (W17-21) Replacement			-80,000					80,000			80,000	Vehicle & Equip - W&S
WW-24-005 Growth Service Vehicle (New)	-85,000							85,000			85,000	Water DC
Total WWW Fleet	-85,000		-80,000					165,000			165,000	
Total Water and Wastewater	-85,000		-1,105,000					1,190,000			1,190,000	

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-001 Automated Meter Reading – Data Logger Installation		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Description

Project Description

Leveraging a propagation study, pilot installation in Mount Albert and the installation of radio frequency water meters townwide, this capital project will install additional data logging equipment to remotely collect water meter readings and ultimately provide enhanced customer service, billing and system efficiencies.

Project Justification

A multi-year Town-wide water meter replacement project replaced older manual-read water meters with Radio Frequency water meters and was completed in 2022. This project builds on this automated meter technology and a propagation study (WW-22-001) completed in 2023 determining the optimal locations for installation of data loggers. Remote water meter reading reduces staff time and vehicle emissions/ mileage spent collecting monthly readings. This will also increase the Town's level of service related to customer inquiries and water billing, both immediately, as well as open the opportunity for future customer access to their consumption data.

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-001 Automated Meter Reading – Data Logger Installation		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Budget								
	Total	LTD Budget	2024	2025	2026	2027	2028	2029
Expenditures								
Materials								
Supplies - Materials	425,000		425,000					
	425,000		425,000					
Expenditures Total	425,000		425,000					
Funding								
Reserve / Reserve Funds								
Water Infrastructure Reserve	425,000		425,000					
	425,000		425,000					
Funding Total	425,000		425,000					

Attributes		
Attribute	Value	Comment
Organization		
Department	Water and Wastewater	
Branch	Water Operations	
Attributes		
Year Proposed	2024	
Expected Start Month	January	
Estimated Completion Year	2025	
Estimated Completion Month	December	
Project Type	Service Level increase / change	
Strategic Plan Link	Quality Programs & Services	
Approval Status	Submitted	
Reserve Funding Source	Water Infrastructure	

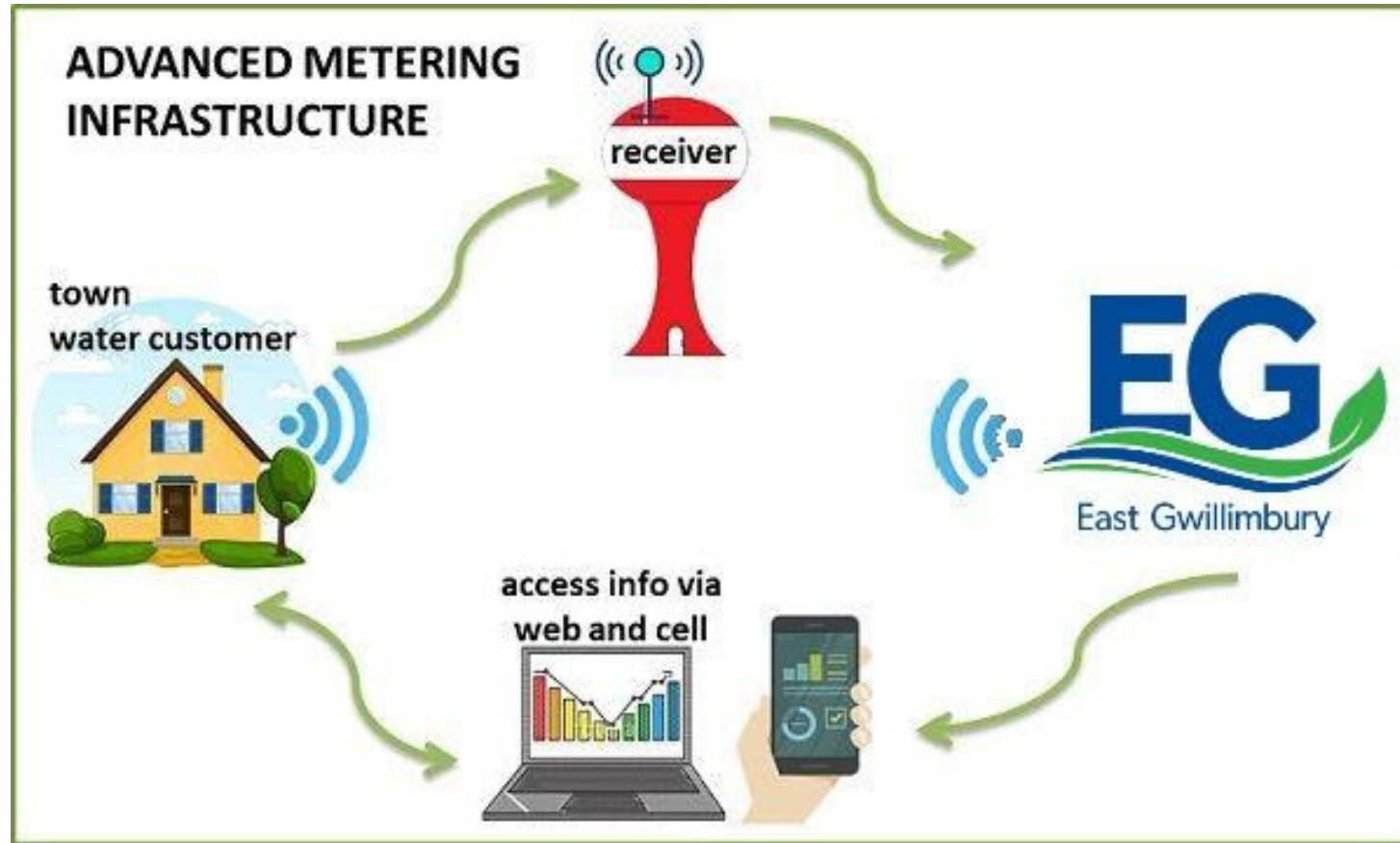
TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-001 Automated Meter Reading – Data Logger Installation		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Gallery

Water Meter Gateway



TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-002 Water System - Network Improvements		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Description

Project Description

This project focuses on water system network improvements through 2 projects. Project 1 is for the detailed design and municipal class environmental assessment of a secondary watermain connection for the West Holland Landing community. Project 2 is for the construction and engineering services to install approximately 10 fire hydrants across Town in strategic locations.

Project Justification

This secondary connection for Project 1 provides redundancy in the water system and mitigates impacts to residents should the primary watermain connection get disrupted. Project 2 provides additional hydrants in strategic locations to improve fire protection coverage.

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-002 Water System - Network Improvements		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Budget								
	Total	LTD Budget	2024	2025	2026	2027	2028	2029
Expenditures								
Construction								
Contracted Services - Construction	125,000		125,000					
	125,000		125,000					
Professional Fees								
Contracted Services - Consultants	325,000		325,000					
	325,000		325,000					
Expenditures Total	450,000		450,000					
Funding								
Reserve / Reserve Funds								
Water Infrastructure Reserve	450,000		450,000					
	450,000		450,000					
Funding Total	450,000		450,000					

Attributes		
Attribute	Value	Comment
Organization		
Department	Water and Wastewater	
Branch	Water Operations	
Attributes		
Year Proposed	2024	
Expected Start Month	June	
Estimated Completion Year	2026	
Estimated Completion Month	December	
Project Type	Service Level increase / change	
Strategic Plan Link	Build Complete Communities	
Approval Status	Submitted	
Reserve Funding Source	Water Infrastructure	

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-002 Water System - Network Improvements		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Gallery

Hydrant Install



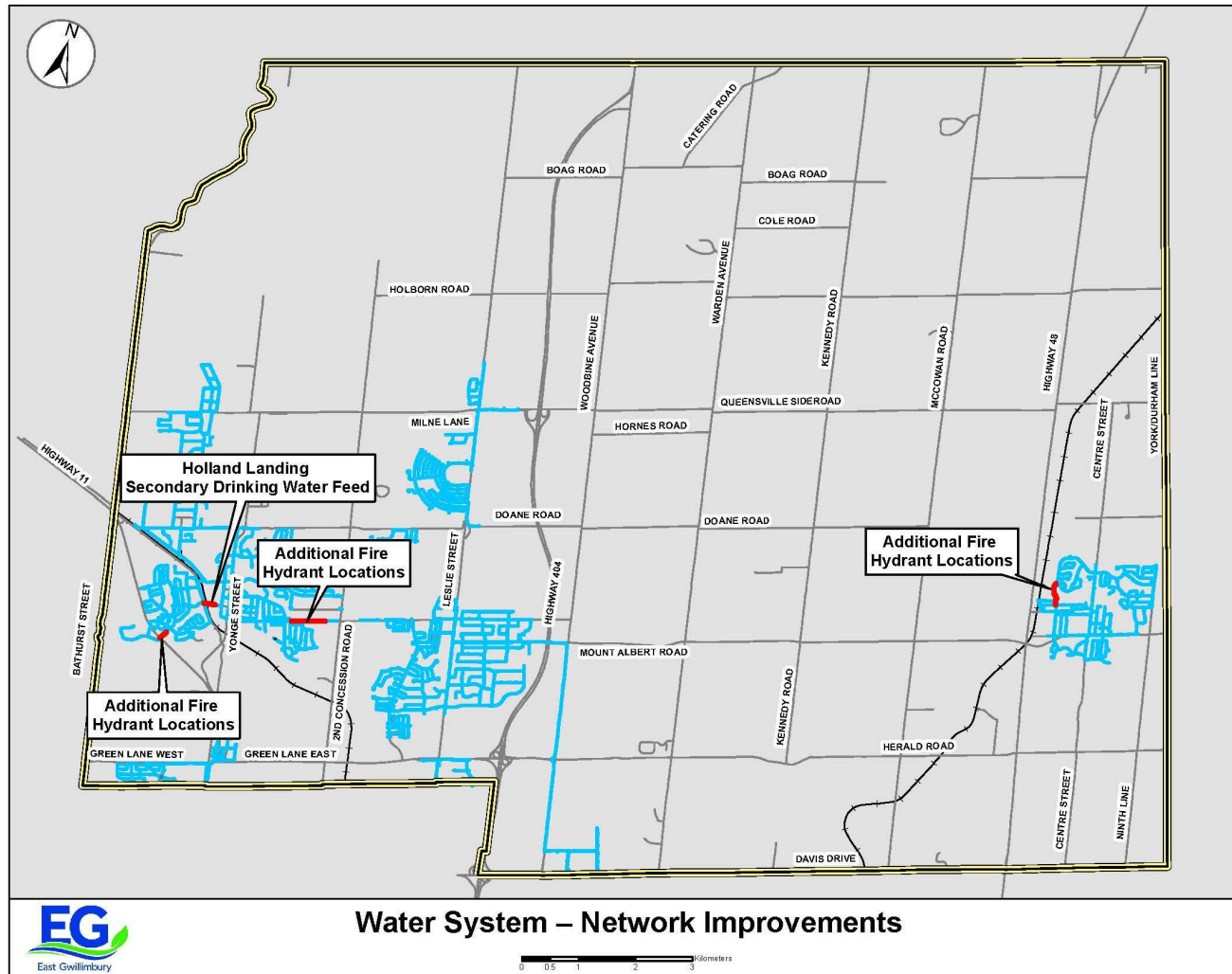
TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-002 Water System - Network Improvements		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Gallery

Network Improvements Map



TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-003 Modernization of Sanitary Pumping Stations		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Description

Project Description

Modernization of existing sanitary sewage pumping stations data collection and monitoring through the implementation of remote monitoring and online data acquisition.

Project Justification

Remote monitoring, including implementation of data acquisition system, flow metering, and video monitoring for all assumed sanitary pumping stations, will allow staff to remotely monitor the sanitary pumping stations, and trend information to help with system operations.

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-003 Modernization of Sanitary Pumping Stations		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Budget								
	Total	LTD Budget	2024	2025	2026	2027	2028	2029
Expenditures								
Construction								
Contracted Services - Construction	150,000		150,000					
	150,000		150,000					
Expenditures Total	150,000		150,000					
Funding								
Reserve / Reserve Funds								
Sewer Infrastructure Reserve	150,000		150,000					
	150,000		150,000					
Funding Total	150,000		150,000					

Attributes		
Attribute	Value	Comment
Organization		
Department	Water and Wastewater	
Branch	Wastewater Operations	
Attributes		
Year Proposed	2024	
Expected Start Month	January	
Estimated Completion Year	2024	
Estimated Completion Month	December	
Project Type	Service Level increase / change	
Strategic Plan Link	Quality Programs & Services	
Approval Status	Submitted	
Reserve Funding Source	Sewer Infrastructure	

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-003 Modernization of Sanitary Pumping Stations		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Gallery

Sanitary Pumping Station



TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-004 2018 CHEV Silverado 1500 4WD Crew (W17-21) Replacement		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Description

Project Description

Replacement of Work Truck (W17-21)

Project Justification

This work truck is at the end of it's schedule lifecycle. This unit currently has 188,000 km and 7,532 hours (equivalent to 331,408 km of wear).

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-004 2018 CHEV Silverado 1500 4WD Crew (W17-21) Replacement		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Budget								
	Total	LTD Budget	2024	2025	2026	2027	2028	2029
Expenditures								
Equipment / Vehicle								
Purchase - Major Equipment and	80,000		80,000					
	80,000		80,000					
Expenditures Total	80,000		80,000					
Funding								
Reserve / Reserve Funds								
Vehicle & Equip't Res -W/S	80,000		80,000					
	80,000		80,000					
Funding Total	80,000		80,000					

Attributes		
Attribute	Value	Comment
Organization		
Department	Water and Wastewater	
Branch	WWW Fleet	
Attributes		
Year Proposed	2024	
Expected Start Month	February	
Estimated Completion Year	2024	
Estimated Completion Month	December	
Project Type	Repair and Replacement	
Strategic Plan Link	Quality Programs & Services	
Approval Status	Submitted	
Reserve Funding Source	Vehicle & Equip - W&S	

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-004 2018 CHEV Silverado 1500 4WD Crew (W17-21) Replacement		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Gallery



TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-005 Growth Service Vehicle		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Description

Project Description

Service vehicle to support new 2024 full time staff addition.

Project Justification

This vehicle is required to support the full time addition of a full time water operator performing on site maintenance to the town's Water and wastewater infrastructure.

This vehicle is consistent with other W&WW service vehicles deployed.

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-005 Growth Service Vehicle		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Budget								
	Total	LTD Budget	2024	2025	2026	2027	2028	2029
Expenditures								
Equipment / Vehicle								
Purchase - Major Equipment and	85,000		85,000					
	85,000		85,000					
Expenditures Total	85,000		85,000					
Funding								
Development Charges								
Water Services DC	85,000		85,000					
	85,000		85,000					
Funding Total	85,000		85,000					

Attributes		
Attribute	Value	Comment
Organization		
Department	Water and Wastewater	
Branch	WWW Fleet	
Attributes		
Year Proposed	2024	
Expected Start Month	February	
Estimated Completion Year	2024	
Estimated Completion Month	December	
Project Type	Growth	
Strategic Plan Link	Quality Programs & Services	
Approval Status	Submitted	
Reserve Funding Source	Water DC	

Operating Impact								
	Total	2024	2025	2026	2027	2028	2029	2030
Supplies - Fuel for Vehicles/Equipment	5,000		5,000					
Contracted Services - Equipment Repairs	500		500					
Total	5,500		5,500					

TOWN OF EAST GWILLIMBURY

Capital Projects

Project	WW-24-005 Growth Service Vehicle		
Department	Water and Wastewater		
Version	Budget Deliberations	Year	2024

Gallery

WWW Van





Ten-Year Capital Budget Summary
2024

	LTD Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	Funding Source
Water & Wastewater													
Water Operations													
WW-24-001 Automated Meter Reading – Data Logger Installation		425,000										425,000	Water Infrastructure
WW-24-002 Water System - Network Improvements		450,000										450,000	Water Infrastructure
WW-25-001 Watermain Replacements (Sharon)			3,160,000									3,160,000	Water Infrastructure, Grant
WW-25-002 Water System - Network Improvements			150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000	Water Infrastructure
WW-29-001 Employment Lands Valve Chambers							10,000,000					10,000,000	Water DC
Total Water Operations		875,000	3,310,000	150,000	150,000	150,000	10,150,000	150,000	150,000	150,000	150,000	15,385,000	
Wastewater Operations													
WW-24-003 Modernization of Sanitary Pumping Stations		150,000										150,000	Sewer Infrastructure
WW-28-001 Water Wastewater Master Plan						200,000						200,000	Water DC & Sewer DC
Total Wastewater Operations		150,000				200,000						350,000	
WWW Fleet													
WW-24-004 2018 CHEV Silverado 1500 4WD Crew (W17-21) Replacement		80,000										80,000	Vehicle & Equip - W&S
WW-24-005 Growth Service Vehicle		85,000										85,000	Water DC
WW-25-003 2007 Tandem Trailer (W07-51) Replacement			16,000									16,000	Vehicle & Equip - W&S
WW-27-001 2020 Pick Up (W20-10) Replacement					82,000							82,000	Vehicle & Equip - W&S
WW-29-002 Heavy Duty Pick-up Truck (W13-23) Replacement							80,000					80,000	Vehicle & Equip - W&S
WW-29-003 Service Van (W14-31) Replacement							80,000					80,000	Vehicle & Equip - W&S
WW-29-004 3/4 Ton Water Pick-up Truck (Replacement)							80,000					80,000	Vehicle & Equip - W&S
WW-29-005 Water Supervisor Truck (W16-25) Replacement							84,000					84,000	Vehicle & Equip - W&S
WW-31-001 2024 CHEV Silverado 1500 4WD Crew (W17-21) Replacement									90,000			90,000	Vehicle & Equip - W&S
WW-31-002 2024 Replacement Service Van									85,000			85,000	Vehicle & Equip - W&S
Total WWW Fleet		165,000	16,000		82,000		324,000		175,000			762,000	
Total Water & Wastewater		1,190,000	3,326,000	150,000	232,000	350,000	10,474,000	150,000	325,000	150,000	150,000	16,497,000	
Total Capital Program		1,190,000	3,326,000	150,000	232,000	350,000	10,474,000	150,000	325,000	150,000	150,000	16,497,000	