

Operations and Infrastructure Department

The Operations and Infrastructure Department provides a wide range of Town services that residents receive every day. The department is responsible for the operation and maintenance of the Town's municipal infrastructure including all municipal roads, drinking water distribution systems, wastewater collection and transmission, storm water systems, sidewalks, streetlights, and urban forestry. The department is also responsible for managing the solid waste collection and recycling programs.

2021 Success Story



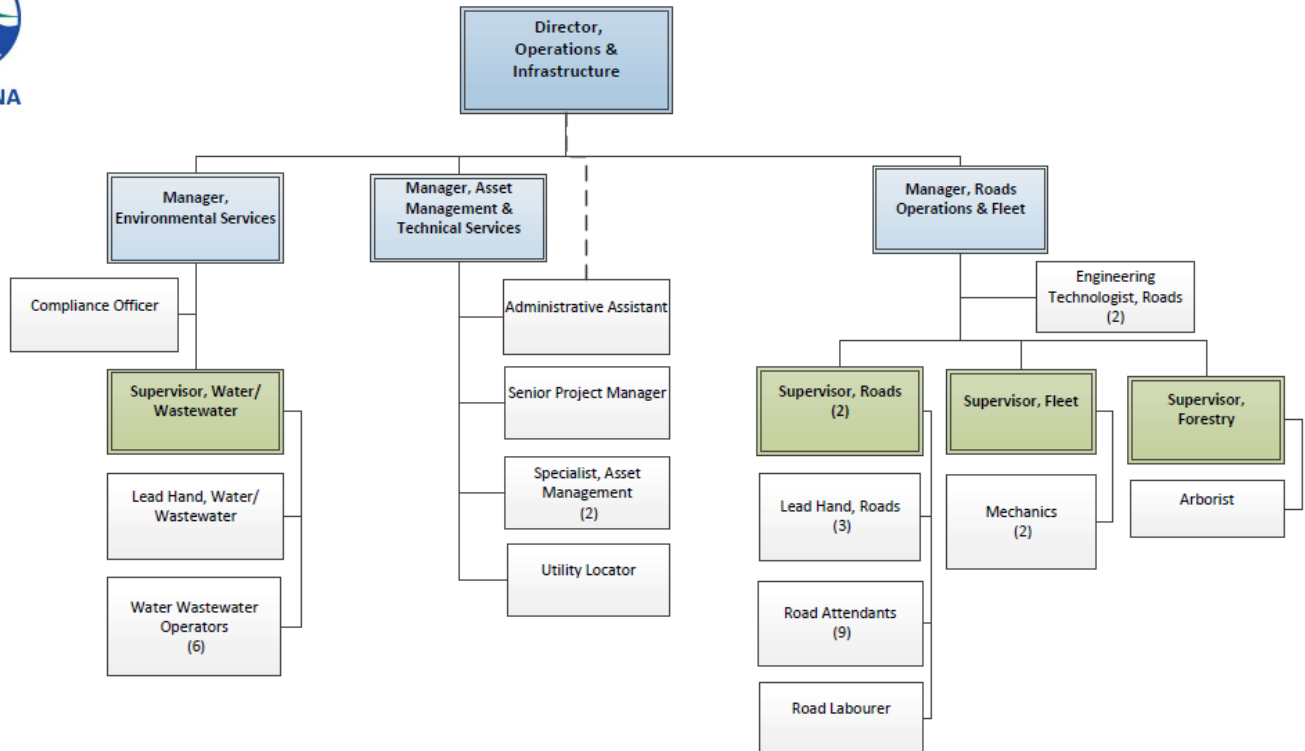
Selective Asphalt Resurfacing Program: In 2021, the Road Operations Division delivered 13 lane-kilometres (48,000 square metres) of asphalt resurfacing and patching work on Town roads. Selective asphalt resurfacing (mill and pave) is the most common repair method and is a cost-effective solution to reconstruct small sections of road in locations where full reconstruction is not yet required. The selected repair locations are typically less than 100 metres in length and are often full road width, including shoulder reinstatement. By repairing these small, specifically identified sections of road, the reconstruction lifecycle can often be extended by a number of years.

Implementation of the Pavement Management System: In 2021, the Asset Management and Technical Services Division completed the initial data collection and implementation of the Pavement Management System in partnership with the Regional Municipality of York and other Northern Six (N6) municipalities.

Ash Tree Removal Program: In 2021, the Road Operations Division (Forestry) made significant progress in the removal and replacement of boulevard trees that have been affected by the Emerald Ash Borer (EAB) infestation. The EAB infestation by an invasive beetle originating from Asia has resulted in the death of virtually all mature Ash trees in York Region and surrounding areas of southern Ontario. In 2021, the Town completed 450 removals of Ash trees and a large number of removals unrelated to the infestation. The Town will continue with the removal and replacement of Ash trees in urban areas for several years. Ash trees on municipal roads in the rural area will be removed, however most will not be replaced.

Stormwater Management Asset Management Program: The Town has completed a complete inventory of all stormwater management infrastructure. This will allow the Town to develop a complete Asset Management Plan for stormwater infrastructure. In addition, the Town has completed the review and update of the Operations and Maintenance program for all stormwater management ponds. Lifesaving floatation rings additional signage has been placed at all stormwater management ponds.

Organizational Chart



Divisions

- Asset Management and Technical Services
- Road Operations and Fleet Services
- Environmental Services

Major Operating Drivers

- Ensuring all regulatory requirements are met in an increasingly complex regulatory environment.
- Delivering excellent customer service and maintain service level standards while being fiscally responsible as the Town grows.
- Managing the Town core assets in a fiscally responsible manner with limited funding and limited staff resources to plan and deliver capital projects and ongoing maintenance programs.

Major Initiatives Planned for 2022

- Completing the Asset Management Plan and Program for all core municipal infrastructure assets (roads, bridges, water distribution, wastewater collection and storm water) in accordance with the provincial requirements.
- Continue the urban tree canopy maintenance program while managing the removal of Ash trees killed by Emerald Ash Borer infestation.
- Initiation of the Major Road Resurfacing program using information and analytics provided through the Pavement Management System.
- Implement a multi-year road and drainage improvement program to leverage economies-of-scale pricing.
- Replacement of aging water distribution infrastructure including replacement of plastic (polybutylene) water services installed in the mid-1980s in Keswick, and the replacement of the water mains on Faircrest Avenue, Grew Boulevard, Sunnidale Boulevard and O'Connor Drive in Sutton (installed mid 1950's).
- Implementation of the Fleet Management system to modernize the equipment repair and preventative maintenance program through improved planning, record keeping and purchasing.



GEORGIA

2022 OPERATING BUDGET

Operations and Infrastructure - Department Administration - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Administration										
Expense										
Salaries and Benefits	219,990	0	0	(670)	0	(104,400)	114,920	-48%	(105,070)	Position reallocation to Roads
Staffing Other Direct Expense:	3,870	0	0	2,400	0	150	6,420	66%	2,550	
Other Direct Costs	500	0	0	0	0	0	500	0%	0	
Expense Total	224,360	0	0	1,730	0	(104,250)	121,840	-46%	(102,520)	
Administration Total	224,360	0	0	1,730	0	(104,250)	121,840	-46%	(102,520)	
Grand Total	224,360	0	0	1,730	0	(104,250)	121,840	-46%	(102,520)	

Operations and Infrastructure – Asset Management and Technical Services

The Asset Management and Technical Services Division provides a range of services to coordinate the planning and delivery of the rehabilitation and replacement of core municipal infrastructure assets such as roads, bridges, water and sewer mains.

Services provided by the Asset Management and Technical Services Division includes:

- Preparing, maintaining and implementing the Town's Asset Management Plan and Program for core municipal assets
- Planning and delivering major capital construction projects and studies
- Protecting municipal assets through administration of permits and approvals for utility installations and external contractors working on Town roads and other private infrastructure
- Providing administrative, technical and engineering support to the Operations and Infrastructure Department

Total kilometres of road inventory – 337

Total kilometres of watermain – 218

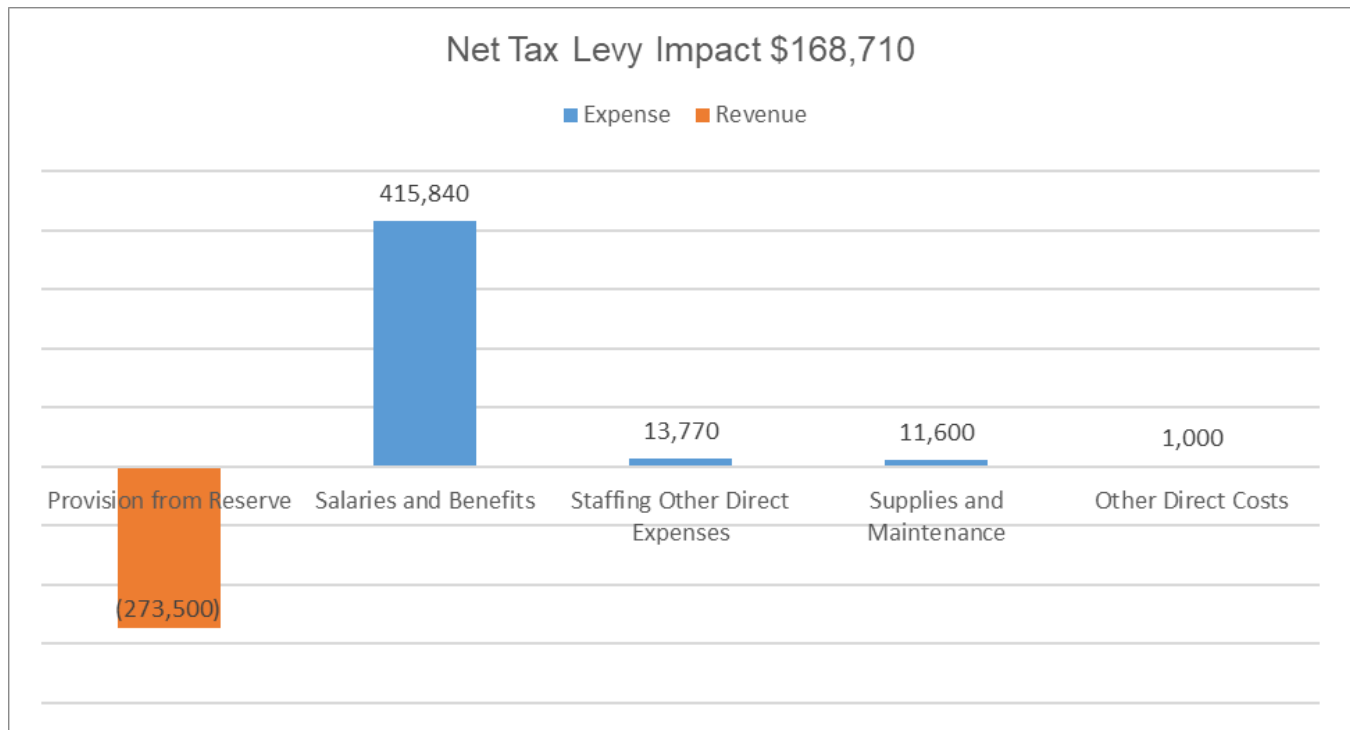
Total kilometres of sewer mains (including forcemains) – 201

Number of streetlights – 4,381

Number of sewage pump stations – 18

Number of Water Pump Stations – 2

2022 Budgeted Expenditures and Revenues



2021 Accomplishments

Asset Management and Technical Services

- Continued the preparation of an Asset Management Plan for the Town's core assets, including completion of the asset inventory for stormwater management infrastructure.
- Completed the condition assessment of sewage pump stations #1, 2, 7 and 8.
- Completed the condition assessment of all Town-owned roads and set up of the Pavement Management Program in partnership with the Regional Municipality of York.

Capital Projects

- Completed the rehabilitation of Old Shiloh East Road, Baldwin Road and Frog Street bridges.
- Continuation of the Hedge Road stabilization design and public consultation project complete with preparation of tender-ready contract documents.
- Started the design and geotechnical investigation for the watermain replacement program in the Cockburn subdivision in Sutton (Grew Boulevard, Sunnidale Boulevard and O'Connor Drive)
- Started the design and geotechnical investigation for the road rehabilitation of Irving Drive.



- Started the preliminary design and geotechnical investigation for the road rehabilitation of gravel roads in the Udora area.
- Started the detailed design for the replacement of polybutylene water services in Contract Area 1, 2 and 3 in Keswick.

Key Projects for 2022

- Finalization of the Town's Asset Management Plan for core municipal assets (roads, bridges, water distribution and wastewater collection).
- Start the Town's Asset Management Plan for all other assets (facilities, parks, buildings, fleet and information technology).
- Start the condition assessment of four sewage pumping stations and all linear wastewater collection system components (sanitary sewer).
- Completion of the design and start the construction of the rehabilitation of the water distribution system in the Cockburn subdivision in Sutton (Grew Boulevard, Sunnidale Boulevard and O'Connor Drive).
- Construction phase of the polybutylene water service replacement.
- Construction phase of the rehabilitation of Irving Drive.
- Construction of the Hedge Road stabilization project.
- Continues implementation the Pavement Management Program in partnership with York Region.
- Completion of the preliminary design and geotechnical investigation for the major asphalt rehabilitation and resurfacing program.



GEORGIA

2022 OPERATING BUDGET

Operations and Infrastructure - Asset Management - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Administration										
Revenue										
Provision from Reserve	0	0	(123,500)	0	0	(150,000)	(273,500)		(273,500)	Project Management Services
Revenue Total	0	0	(123,500)	0	0	(150,000)	(273,500)		(273,500)	
Expense										
Salaries and Benefits	296,780	0	123,500	(4,440)	0	0	415,840	40%	119,060	22-SI-OI-02 Senior Project Manager O&I
Staffing Other Direct Expense	12,050	0	0	1,720	0	0	13,770	14%	1,720	
Supplies and Maintenance	7,900	0	0	0	0	3,700	11,600	47%	3,700	
Other Direct Costs	1,000	0	0	0	0	0	1,000	0%	0	
Expense Total	317,730	0	123,500	(2,720)	0	3,700	442,210	39%	124,480	
Administration Total	317,730	0	0	(2,720)	0	(146,300)	168,710	-47%	(149,020)	
Grand Total	317,730	0	0	(2,720)	0	(146,300)	168,710	-47%	(149,020)	

Operations and Infrastructure – Road Operations and Fleet Services Division

The Road Operations and Fleet Services Division provides maintenance on all roads and associated infrastructure including bridges, ditches, culverts, streetlights, sidewalks, and forestry. The division provides engineering and technical services related to traffic operations including traffic studies for speed limits, traffic calming, parking control and roadside safety. The division also provides Fleet Management for all Town-owned vehicles and equipment.

Services provided by the Road Operations Division include:

- Road operations, maintenance and repairs – street sweeping, ditch maintenance, culvert installation, pothole repairs, catch basin cleaning, line painting, street and traffic sign installation/maintenance, road side grass cutting, brush removal, traffic control, resurfacing
- Winter patrolling, snow plowing, sanding, salting and snow removal on road surfaces and sidewalks/multi-use paths
- Forestry services including tree removals, stumping, planting, boulevard and park tree maintenance, and sightline issues
- Emergency response to flooding, wind damage, vehicle incidents
- Fleet management including procurement, repair, maintenance, disposal and planning of fleet assets
- Traffic management, studies, analysis, and traffic calming
- Streetlight repair and installation
- Sidewalk repairs and maintenance

62– Winter maintenance events

2300 –Service Requests completed

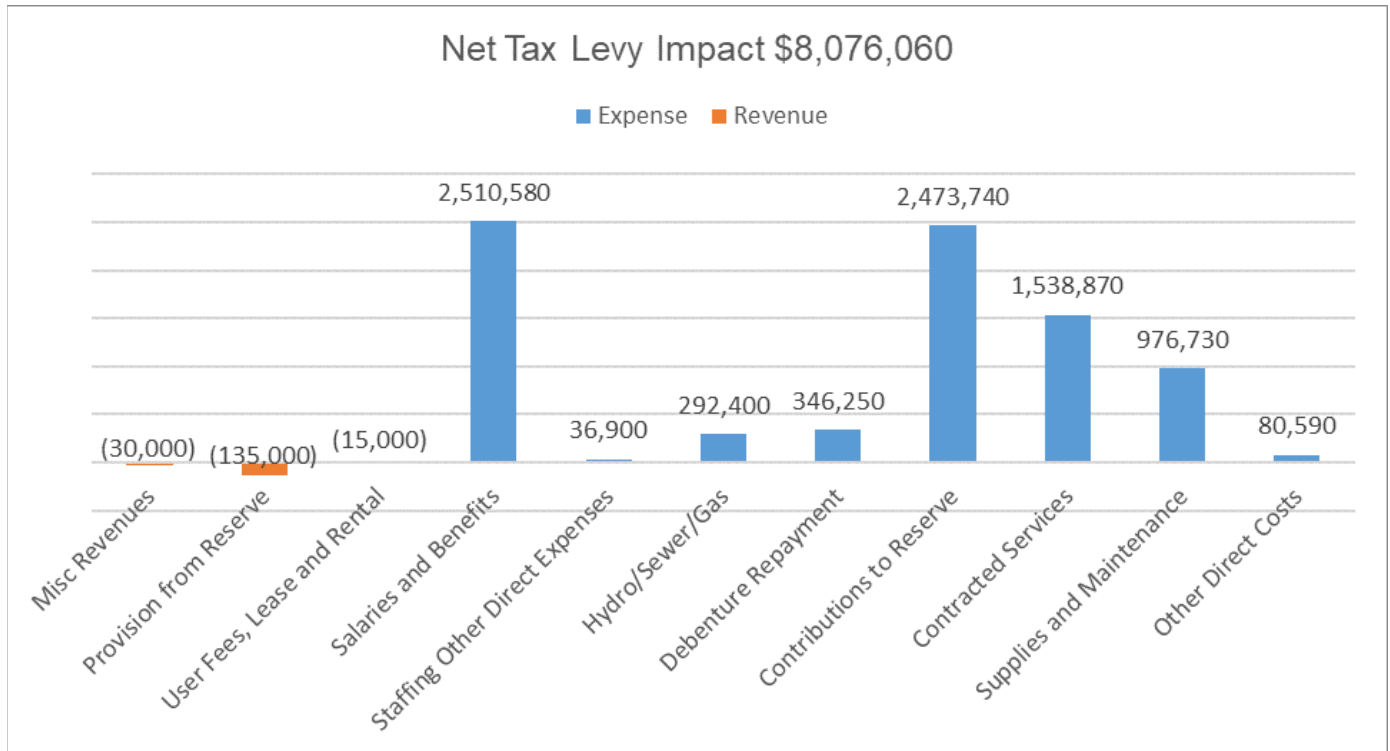
13 – Lane kilometres of resurfacing

450 – Ash trees removed

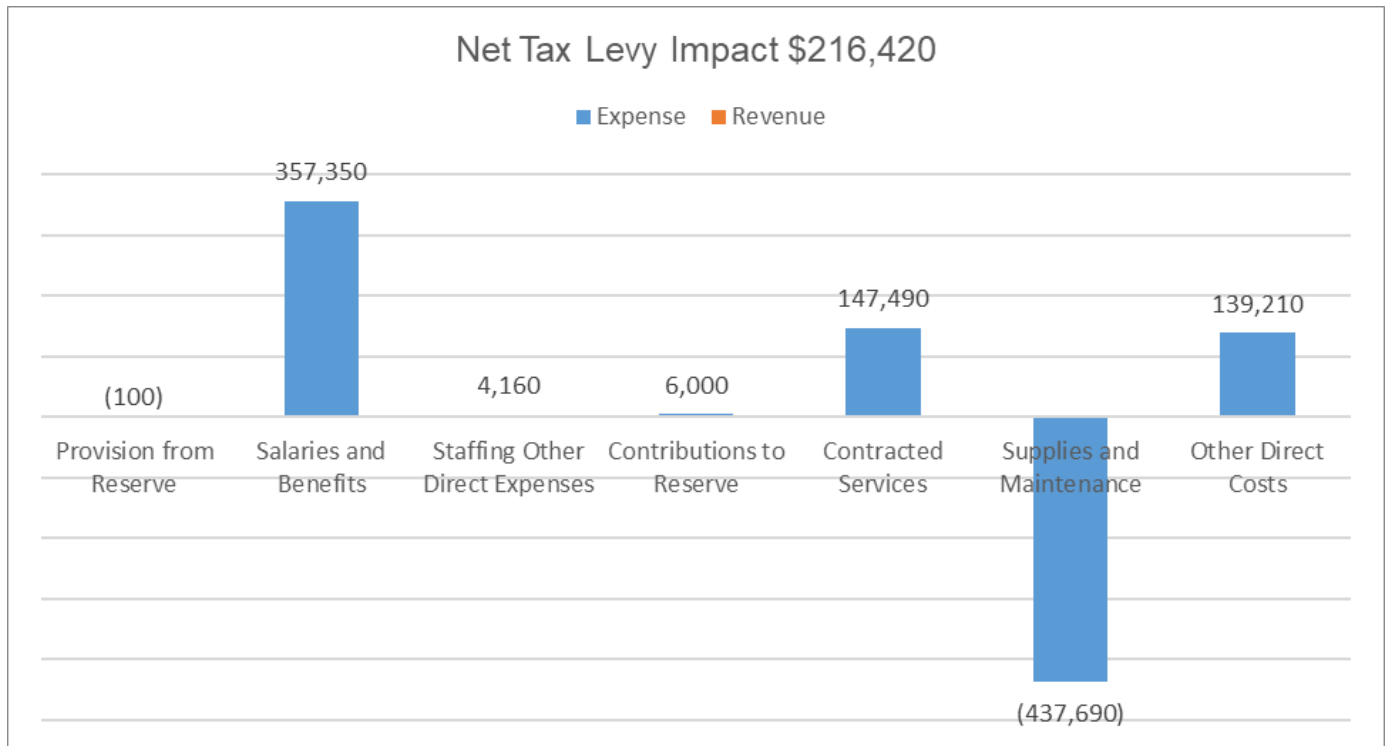
28 – Traffic studies completed

2022 Budgeted Expenditures and Revenues

Roads



Mechanics



2021 Accomplishments

- Delivered a successful minor capital program including sidewalk replacement, curb replacements, selective resurfacing, gravel surface repairs and ditch rehabilitation throughout Georgina.
- Implemented a second ROVER unit using ‘artificial intelligence’ to identify road surface deficiencies under the ROVER pilot program, doubling our road surface assessment and pothole management.
- Procured two, new long-term performance-based contracts to support the Town in delivering winter maintenance.
- Delivered the Town’s first large-scale installation of traffic bollards, a traffic-calming device.
- Leveraged new technology, including automated vehicle locating (AVL) using GPS technology, and geographic information systems (GIS) systems to improve efficiency and governance of deliverables.
- Removed approximately 450 Ash trees that had been killed by the Emerald Ash Borer.

Projects for 2022

- Expand the traffic-calming program to include more bollard locations, new pavement markings and review opportunities for larger, engineered traffic calming opportunities.
- Deliver the minor capital resurfacing and asphalt preservation program.
- Complete division-wide policy review in conjunction with the redevelopment of the Operations and Maintenance plan for road assets.
- Determine needs for improved roadside safety measures such as guiderails, warning signs and speed limits throughout the Town, and begin rectifying areas of concern.
- Complete Egypt Works Yard expansion and consolidation of operations to the yard to increase efficiency throughout the division.
- Leverage online tools to expand standardized inspections for regular and reactive inspections.
- Audit all roads and related infrastructure inventory and update digital database (GIS).
- Implement fleet management software and centralized procurement and repair systems.
- Implement Town-owned fuel storage and dispensing systems to reduce fuel costs through fuel management systems.
- Continue to remove dead and dying Ash trees that have been affected by the Emerald Ash Borer.



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Roads - Budget Summary

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE
Administration	504,410	0	0	0	0	319,140	823,550	63%	319,140
AMTS (Pavement management System)	0	0	0	0	0	0	0	0%	0
Capital Repairs and Reconstruction	2,029,130	0	0	0	0	0	2,029,130	0%	0
Dams and Bridges	5,730	0	0	20	0	0	5,750	0%	20
Bridges	3,970	0	0	10	0	0	3,980	0%	10
Dams	1,760	0	0	10	0	0	1,770	1%	10
Fleet Maintenance	818,320	0	0	210	0	250	818,780	0%	460
Fleet	762,430	0	0	0	0	250	762,680	0%	250
Vehicle Maintenance	55,890	0	0	210	0	0	56,100	0%	210
Planting Program	0	0	0	0	0	218,330	218,330	0%	218,330
Roads Maintenance	1,152,250	0	0	8,240	0	285,690	1,446,180	26%	293,930
Brush, Tree, Trim	105,330	0	0	40,410	0	0	145,740	38%	40,410
Catch Basins, Curbs, Storms	26,270	0	0	40	0	0	26,310	0%	40
Debris, Litter	34,170	0	0	110	0	0	34,280	0%	110
Ditching	425,010	0	0	(38,890)	0	0	386,120	-9%	(38,890)
Dust Layer	19,850	0	0	470	0	0	20,320	2%	470
Grading and Scarifying	33,680	0	0	70	0	15,000	48,750	45%	15,070
Grass Mowing	57,180	0	0	230	0	0	57,410	0%	230
Gravel Pit	2,480	0	0	10	0	0	2,490	0%	10
Gravel Resurfacing	12,510	0	0	4,810	0	0	17,320	38%	4,810
Labour Allocation	0	0	0	0	0	0	0	0%	0
Other Overhead	103,000	0	0	0	0	2,000	105,000	2%	2,000
Patching, Spraying	209,560	0	0	690	0	0	210,250	0%	690
Shoulder Maintenance	57,290	0	0	100	0	15,000	72,390	26%	15,100
Sidewalks	23,000	0	0	0	0	253,690	276,690	1103%	253,690
Summer Standby	42,920	0	0	190	0	0	43,110	0%	190
Roads Operations Centre	140,840	0	0	190	0	0	141,030	0%	190
Roadside Safety	260,410	0	20,000	3,400	0	(3,500)	280,310	8%	19,900
Community Art (Asphalt)	0	0	20,000	0	0	0	20,000	0%	20,000
Guiderails	14,020	0	0	(4,770)	0	1,500	10,750	-23%	(3,270)
Railroad Crossing	13,000	0	0	0	0	0	13,000	0%	0
Routine Patrols	57,260	0	0	260	0	0	57,520	0%	260
Signs and Markings	176,130	0	0	7,910	0	(5,000)	179,040	2%	2,910
Street Lighting	653,340	0	0	11,910	0	0	665,250	2%	11,910
Sweeping, Flushing, Cleaning	295,750	0	0	260	0	(10,000)	286,010	-3%	(9,740)
Winter Maintenance	1,304,100	45,000	0	15,640	0	(3,000)	1,361,740	4%	57,640
Sanding and Salting	736,490	45,000	0	13,930	0	(11,000)	784,420	7%	47,930
Snow Fence, Culvert Thawing	77,430	0	0	380	0	(10,000)	67,810	-12%	(9,620)
Snow Plowing and Removal	456,140	0	0	1,180	0	18,000	475,320	4%	19,180
Winter Standby	34,040	0	0	150	0	0	34,190	0%	150
Grand Total	7,164,280	45,000	20,000	39,870	0	806,910	8,076,060	13%	911,780



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Roads - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Administration										
Revenue										
Misc Revenues	(30,000)	0	0	0	0	0	0	0%	0	
User Fees, Lease and Rental	(15,000)	0	0	0	0	0	0	0%	0	
Revenue Total	(45,000)	0	0	0	0	0	0	0%	0	
Expense										
Salaries and Benefits	452,970	0	0	0	0	0	319,390	71%	319,390	Position reallocation from Parks & O&I Department Administration & Development Services Administration
Staffing Other Direct Expenses	8,000	0	0	0	0	0	8,000	0%	0	
Contributions to Reserve	80,000	0	0	0	0	0	80,000	0%	0	
Supplies and Maintenance	3,000	0	0	0	0	0	3,000	0%	0	
Other Direct Costs	5,440	0	0	0	0	(250)	5,190	-5%	(250)	
Expense Total	549,410	0	0	0	0	0	319,140	58%	319,140	
Administration Total	504,410	0	0	0	0	0	823,550	63%	319,140	
AMTS (Pavement management System)										
Revenue										
Provision from Reserve	(90,000)	0	0	0	0	0	(90,000)	0%	0	
Revenue Total	(90,000)	0	0	0	0	0	(90,000)	0%	0	
Expense										
Contracted Services	90,000	0	0	0	0	0	90,000	0%	0	
Expense Total	90,000	0	0	0	0	0	90,000	0%	0	
AMTS (Pavement management System) Total	0	0	0	0	0	0	0	0%	0	
Bridges										
Expense										
Salaries and Benefits	2,970	0	0	10	0	0	2,980	0%	10	
Supplies and Maintenance	1,000	0	0	0	0	0	1,000	0%	0	
Expense Total	3,970	0	0	10	0	0	3,980	0%	10	
Bridges Total	3,970	0	0	10	0	0	3,980	0%	10	
Brush, Tree, Trim										
Expense										
Salaries and Benefits	93,830	0	0	40,410	0	0	134,240	43%	40,410	Reallocation from Ditching
Contracted Services	10,000	0	0	0	0	0	10,000	0%	0	
Supplies and Maintenance	1,500	0	0	0	0	0	1,500	0%	0	
Expense Total	105,330	0	0	40,410	0	0	145,740	38%	40,410	
Brush, Tree, Trim Total	105,330	0	0	40,410	0	0	145,740	38%	40,410	
Capital Repairs and Reconstruction										
Expense										
Contributions to Reserve	2,029,130	0	0	0	0	0	2,029,130	0%	0	
Expense Total	2,029,130	0	0	0	0	0	2,029,130	0%	0	
Capital Repairs and Reconstruction Total	2,029,130	0	0	0	0	0	2,029,130	0%	0	
Catch Basins, Curbs, Storms										
Expense										
Salaries and Benefits	8,270	0	0	40	0	0	8,310	0%	40	
Contracted Services	15,000	0	0	0	0	0	15,000	0%	0	
Supplies and Maintenance	3,000	0	0	0	0	0	3,000	0%	0	
Expense Total	26,270	0	0	40	0	0	26,310	0%	40	
Catch Basins, Curbs, Storms Total	26,270	0	0	40	0	0	26,310	0%	40	



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Roads - Budget Details

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Community Art (Asphalt)										
Expense										
Contracted Services	0	0	0	20,000	0	0	0	20,000	20,000	22-OI-02 Community Beautification
Expense Total	0	0	0	20,000	0	0	0	20,000	20,000	
Community Art (Asphalt) Total	0	0	0	20,000	0	0	0	20,000	20,000	
Dams										
Expense										
Salaries and Benefits	1,260	0	0	0	10	0	0	1,270	10	1%
Other Direct Costs	500	0	0	0	0	0	0	500	0	0%
Expense Total	1,760	0	0	0	10	0	0	1,770	10	1%
Dams Total	1,760	0	0	0	10	0	0	1,770	10	1%
Debris, Litter										
Expense										
Salaries and Benefits	31,170	0	0	0	110	0	0	31,280	110	0%
Other Direct Costs	3,000	0	0	0	0	0	0	3,000	0	0%
Expense Total	34,170	0	0	0	110	0	0	34,280	110	0%
Debris, Litter Total	34,170	0	0	0	110	0	0	34,280	110	0%
Ditching										
Expense										
Salaries and Benefits	250,010	0	0	0	(38,890)	0	0	211,120	(38,890)	Reallocation to Brush, Tree, Trim
Contracted Services	155,000	0	0	0	0	0	0	155,000	0	0%
Supplies and Maintenance	20,000	0	0	0	0	0	0	20,000	0	0%
Expense Total	425,010	0	0	0	(38,890)	0	0	386,120	(38,890)	-9%
Ditching Total	425,010	0	0	0	(38,890)	0	0	386,120	(38,890)	-9%
Dust Layer										
Expense										
Salaries and Benefits	1,350	0	0	0	10	0	0	1,360	10	1%
Supplies and Maintenance	18,500	0	0	0	460	0	0	18,960	460	2%
Expense Total	19,850	0	0	0	470	0	0	20,320	470	2%
Dust Layer Total	19,850	0	0	0	470	0	0	20,320	470	2%
Fleet										
Expense										
Contracted Services	46,120	0	0	0	0	(33,420)	0	12,700	(33,420)	Reallocation of Repairs to Mechanics
Contributions to Reserve	364,610	0	0	0	0	0	0	364,610	0	0%
										Reallocation of Fuel to Mechanics & offset by increase in chargeback from
Supplies and Maintenance	326,200	0	0	0	0	59,170	0	385,370	59,170	18% Mechanics
Other Direct Costs	25,500	0	0	0	0	(25,500)	0	0	(25,500)	-100% Reallocation of Licences to Mechanics
Expense Total	762,430	0	0	0	0	250	0	762,680	250	0%
Fleet Total	762,430	0	0	0	0	250	250	762,680	250	0%
Grading and Scarifying										
Expense										
Salaries and Benefits	13,680	0	0	0	70	0	0	13,750	70	1%
Contracted Services	20,000	0	0	0	0	15,000	0	35,000	15,000	Increase based on actuals
Expense Total	33,680	0	0	0	70	15,000	0	48,750	15,070	45%
Grading and Scarifying Total	33,680	0	0	0	70	15,000	0	48,750	15,070	45%



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Roads - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Grass Mowing										
Expense										
Salaries and Benefits	45,180	0	0	230	0	0	45,410	1%	230	
Contracted Services	12,000	0	0	0	0	0	12,000	0%	0	
Expense Total	57,180	0	0	230	0	0	57,410	0%	230	
Grass Mowing Total	57,180	0	0	230	0	0	57,410	0%	230	
Gravel Pit										
Expense										
Salaries and Benefits	1,480	0	0	10	0	0	1,490	1%	10	
Supplies and Maintenance	1,000	0	0	0	0	0	1,000	0%	0	
Expense Total	2,480	0	0	10	0	0	2,490	0%	10	
Gravel Pit Total	2,480	0	0	10	0	0	2,490	0%	10	
Gravel Resurfacing										
Expense										
Salaries and Benefits	2,510	0	0	4,810	0	0	7,320	192%	4,810	
Supplies and Maintenance	10,000	0	0	0	0	0	10,000	0%	0	
Expense Total	12,510	0	0	4,810	0	0	17,320	38%	4,810	
Gravel Resurfacing Total	12,510	0	0	4,810	0	0	17,320	38%	4,810	
Guidrails										
Expense										
Salaries and Benefits	5,520	0	0	(4,770)	0	0	750	-86%	(4,770)	
Contracted Services	6,000	0	0	0	0	4,000	10,000	67%	4,000	
Supplies and Maintenance	2,500	0	0	0	0	(2,500)	0	-100%	(2,500)	
Expense Total	14,020	0	0	(4,770)	0	1,500	10,750	-23%	(3,270)	
Guidrails Total	14,020	0	0	(4,770)	0	1,500	10,750	-23%	(3,270)	
Labour Allocation										
Expense										
Salaries and Benefits	0	0	0	0	0	0	0			22-TR-OI-01 Operations & Infrastructure
Expense Total	0	0	0	0	0	0	0		0	0 Clerk
Labour Allocation Total	0	0	0	0	0	0	0		0	
Machine Shed										
Expense										
Salaries and Benefits	49,040	0	0	190	0	0	49,230	0%	190	
Staffing Other Direct Expenses	16,400	0	0	0	0	0	16,400	0%	0	
Hydro/Sewer/Gas	47,400	0	0	0	0	0	47,400	0%	0	
Supplies and Maintenance	28,000	0	0	0	0	0	28,000	0%	0	
Expense Total	140,840	0	0	190	0	0	141,030	0%	190	
Machine Shed Total	140,840	0	0	190	0	0	141,030	0%	190	
Other Overhead										
Expense										
Staffing Other Direct Expenses	10,500	0	0	0	0	2,000	12,500	19%	2,000	
Supplies and Maintenance	23,100	0	0	0	0	(2,500)	20,600	-11%	(2,500)	
Other Direct Costs	69,400	0	0	0	0	2,500	71,900	4%	2,500	
Expense Total	103,000	0	0	0	0	2,000	105,000	2%	2,000	
Other Overhead Total	103,000	0	0	0	0	2,000	105,000	2%	2,000	



GEORGIA

2022 OPERATING BUDGET

Operations and Infrastructure - Roads - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Patching, Spraying										
Expense										
Salaries and Benefits	152,560	0	0	690	0	0	153,250	0%	690	
Supplies and Maintenance	57,000	0	0	0	0	0	57,000	0%	0	
Expense Total	209,560	0	0	690	0	0	210,250	0%	690	
Patching, Spraying Total	209,560	0	0	690	0	0	210,250	0%	690	
Railroad Crossing										
Expense										
Contracted Services	13,000	0	0	0	0	0	13,000	0%	0	
Expense Total	13,000	0	0	0	0	0	13,000	0%	0	
Railroad Crossing Total	13,000	0	0	0	0	0	13,000	0%	0	
Routine Patrols										
Expense										
Salaries and Benefits	57,260	0	0	260	0	0	57,520	0%	260	
Expense Total	57,260	0	0	260	0	0	57,520	0%	260	
Routine Patrols Total	57,260	0	0	260	0	0	57,520	0%	260	
Sanding and Salting										
Revenue										
Provision from Reserve	0	(45,000)	0	0	0	0	(45,000)		(45,000)	22-OI-OI-01 Winter Equipment
Revenue Total	0	(45,000)	0	0	0	0	(45,000)		(45,000)	
Expense										
Salaries and Benefits	209,070	0	0	750	0	(6,000)	203,820	-3%	(5,250)	
Contracted Services	156,100	90,000	0	3,900	0	10,000	260,000	67%	103,900	22-OI-OI-01 Winter Equipment
Supplies and Maintenance	371,320	0	0	9,280	0	(15,000)	365,600	-2%	(5,720)	
Expense Total	736,490	90,000	0	13,930	0	(11,000)	829,420	13%	92,930	
Sanding and Salting Total	736,490	45,000	0	13,930	0	(11,000)	784,420	7%	47,930	
Shoulder Maintenance										
Expense										
Salaries and Benefits	27,090	0	0	100	0	0	27,190	0%	100	
Supplies and Maintenance	30,200	0	0	0	0	15,000	45,200	50%	15,000	Increase based on actuals
Expense Total	57,290	0	0	100	0	15,000	72,390	26%	15,100	
Shoulder Maintenance Total	57,290	0	0	100	0	15,000	72,390	26%	15,100	
Sidewalks										
Expense										
Salaries and Benefits	0	0	0	0	0	68,690	68,690		68,690	Reorganization from Parks
Contracted Services	23,000	0	0	0	0	185,000	208,000	804%	185,000	Reorganization from Parks
Expense Total	23,000	0	0	0	0	253,690	276,690	1103%	253,690	
Sidewalks Total	23,000	0	0	0	0	253,690	276,690	1103%	253,690	
Signs and Markings										
Expense										
Salaries and Benefits	93,430	0	0	410	0	0	93,840	0%	410	
Contracted Services	76,700	0	0	7,500	0	(5,000)	79,200	3%	2,500	
Supplies and Maintenance	6,000	0	0	0	0	0	6,000	0%	0	
Expense Total	176,130	0	0	7,910	0	(5,000)	179,040	2%	2,910	
Signs and Markings Total	176,130	0	0	7,910	0	(5,000)	179,040	2%	2,910	



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Roads - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Snow Fence, Culvert Thawing										
Expense										
Salaries and Benefits	74,930	0	0	380	0	(10,000)	65,310	-13%	(9,620)	
Supplies and Maintenance	2,500	0	0	0	0	0	2,500	0%	0	
Expense Total	77,430	0	0	380	0	(10,000)	67,810	-12%	(9,620)	
Snow Fence, Culvert Thawing Total	77,430	0	0	380	0	(10,000)	67,810	-12%	(9,620)	
Snow Plowing and Removal										
Expense										
Salaries and Benefits	243,940	0	0	1,180	0	18,000	263,120	8%	19,180	Reallocation from Labour Allocation
Contracted Services	212,200	0	0	0	0	0	212,200	0%	0	
Expense Total	456,140	0	0	1,180	0	18,000	475,320	4%	19,180	
Snow Plowing and Removal Total	456,140	0	0	1,180	0	18,000	475,320	4%	19,180	
Street Lighting										
Expense										
Contracted Services	63,500	0	0	2,500	0	0	66,000	4%	2,500	
Debtenture Repayment	336,840	0	0	9,410	0	0	346,250	3%	9,410	
Hydro/Sewer/Gas	245,000	0	0	0	0	0	245,000	0%	0	
Supplies and Maintenance	8,000	0	0	0	0	0	8,000	0%	0	
Expense Total	653,340	0	0	11,910	0	0	665,250	2%	11,910	
Street Lighting Total	653,340	0	0	11,910	0	0	665,250	2%	11,910	
Summer Standby										
Expense										
Salaries and Benefits	42,920	0	0	190	0	0	43,110	0%	190	
Expense Total	42,920	0	0	190	0	0	43,110	0%	190	
Summer Standby Total	42,920	0	0	190	0	0	43,110	0%	190	
Sweeping, Flushing, Cleaning										
Expense										
Salaries and Benefits	58,980	0	0	260	0	0	59,240	0%	260	
Contracted Services	236,770	0	0	0	0	(10,000)	226,770	-4%	(10,000)	Reduced based on historical trend
Expense Total	295,750	0	0	260	0	(10,000)	286,010	-3%	(9,740)	
Sweeping, Flushing, Cleaning Total	295,750	0	0	260	0	(10,000)	286,010	-3%	(9,740)	
Urban Forestry										
Expense										
Salaries and Benefits	0	0	0	0	0	104,330	104,330		104,330	Position reorganization from Parks
Contracted Services	0	0	0	0	0	114,000	114,000		114,000	Reorganization from Parks
Expense Total	0	0	0	0	0	218,330	218,330		218,330	
Urban Forestry Total	0	0	0	0	0	218,330	218,330		218,330	
Vehicle Maintenance										
Expense										
Salaries and Benefits	55,890	0	0	210	0	0	56,100	0%	210	
Expense Total	55,890	0	0	210	0	0	56,100	0%	210	
Vehicle Maintenance Total	55,890	0	0	210	0	0	56,100	0%	210	
Winter Standby										
Expense										
Salaries and Benefits	34,040	0	0	150	0	0	34,190	0%	150	
Expense Total	34,040	0	0	150	0	0	34,190	0%	150	
Winter Standby Total	34,040	0	0	150	0	0	34,190	0%	150	
Grand Total	7,164,280	45,000	20,000	39,870	0	806,910	8,076,060	13%	911,780	



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Mechanics - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Mechanic's Garage										
Revenue										
Provision from Reserve	(100)	0	0	0	0	0	(100)	0%	0	
Revenue Total	(100)	0	0	0	0	0	(100)	0%	0	
Expense										
Salaries and Benefits	354,520	0	0	2,830	0	0	357,350	1%	2,830	
Staffing Other Direct Expense	4,160	0	0	0	0	0	4,160	0%	0	
Contracted Services	45,000	0	2,500	0	0	99,990	147,490	228%	102,490	Consolidation of Repair budget
Contributions to Reserve	6,000	0	0	0	0	0	6,000	0%	0	
										Consolidation of Fuel budget & increase in Chargeback to recover
Supplies and Maintenance	(192,260)	0	0	0	0	(245,430)	(437,690)	128%	(245,430)	Mechanics expenses
Other Direct Costs	600	0	0	0	0	138,610	139,210	23102%	138,610	Consolidation of Automobile Insurance and License budget
Expense Total	218,020	0	2,500	2,830	0	(6,830)	216,520	-1%	(1,500)	
Mechanic's Garage Total	217,920	0	2,500	2,830	0	(6,830)	216,420	-1%	(1,500)	
Grand Total	217,920	0	2,500	2,830	0	(6,830)	216,420	-1%	(1,500)	

Operations and Infrastructure – Environmental Services Division

The Environmental Services Division is responsible for maintaining the Town's water and wastewater systems, stormwater management facilities, and administering solid waste management and recycling programs, aquatic weed removal and mosquito control, and groundwater monitoring programs.

The Water and Wastewater group operates and maintains the Keswick and Sutton water distribution and wastewater collection systems. This includes distributing treated water purchased from York Region and conveying wastewater to Region facilities for treatment. Town-owned infrastructure includes water mains, valves, fire hydrants, booster stations, wastewater sewers, pumping stations, residential grinder/ejector pumps and service connections. The division is also responsible for managing conveyance, storage, treatment and discharge of stormwater runoff to the environment.

5,000 – Water samples analyzed

10,500 – Tons of solid waste diverted from disposal through recycling

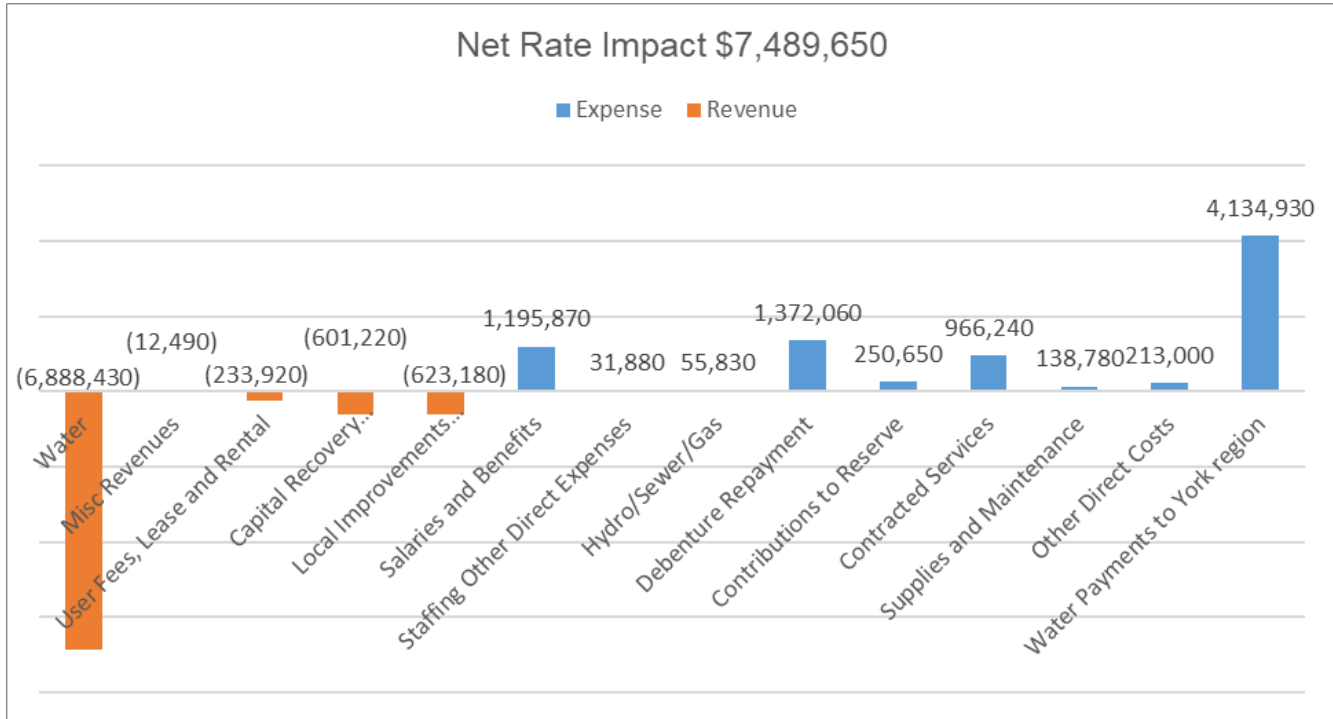
Services provided by the Environmental Services Division include:

- Solid Waste management – Weekly pick up of residential recycling and compost, and bi-weekly residual waste through a contracted service
- Municipal drinking water quality, sampling, monitoring and reporting
- Water system operations, maintenance including and repairs of watermain breaks and service leaks, and watermain flushing
- Customer service including water turn off/on
- Wastewater system operations, maintenance and repairs including sewer break repairs, sewer flushing, clearing sewer backups, pump station repairs and cleaning, and odour management
- Stormwater management system operations, maintenance and repairs

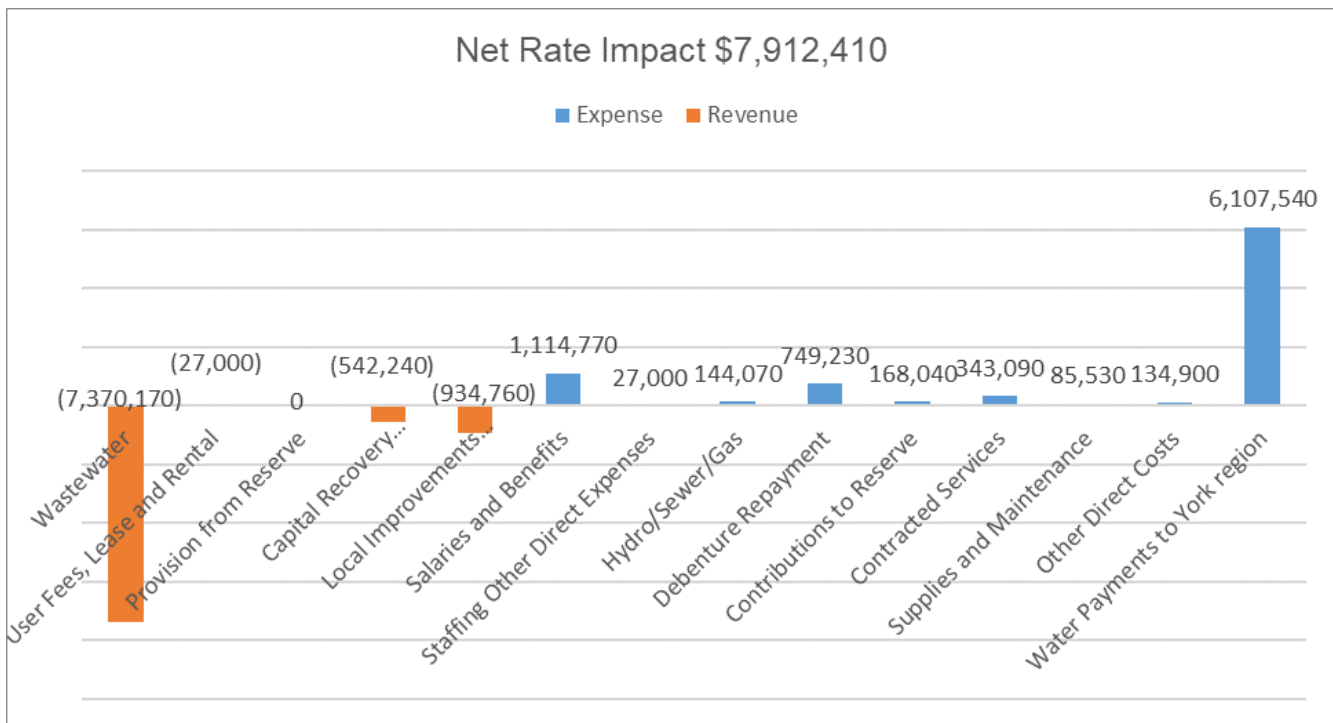
OPERATIONS AND INFRASTRUCTURE – ENVIRONMENTAL SERVICES DIVISION

2022 Budgeted Expenditures and Revenues

Water

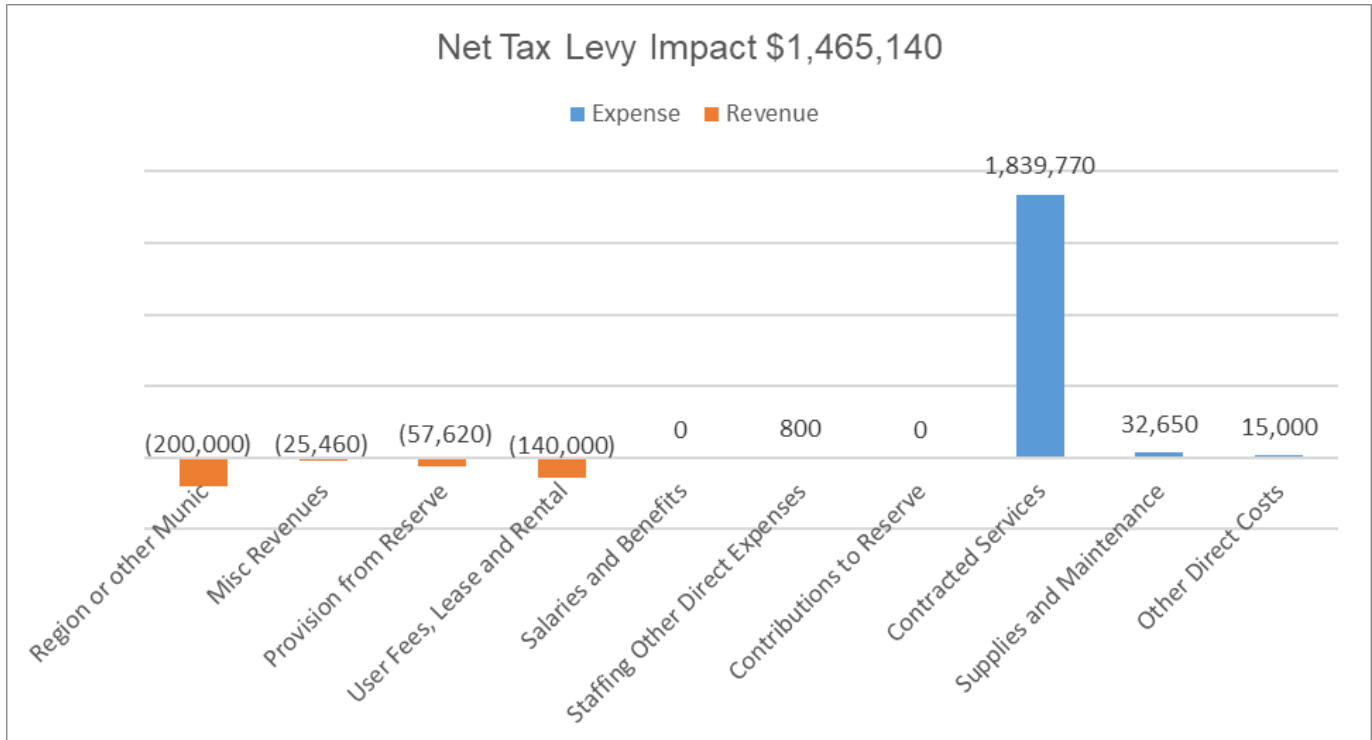


Wastewater

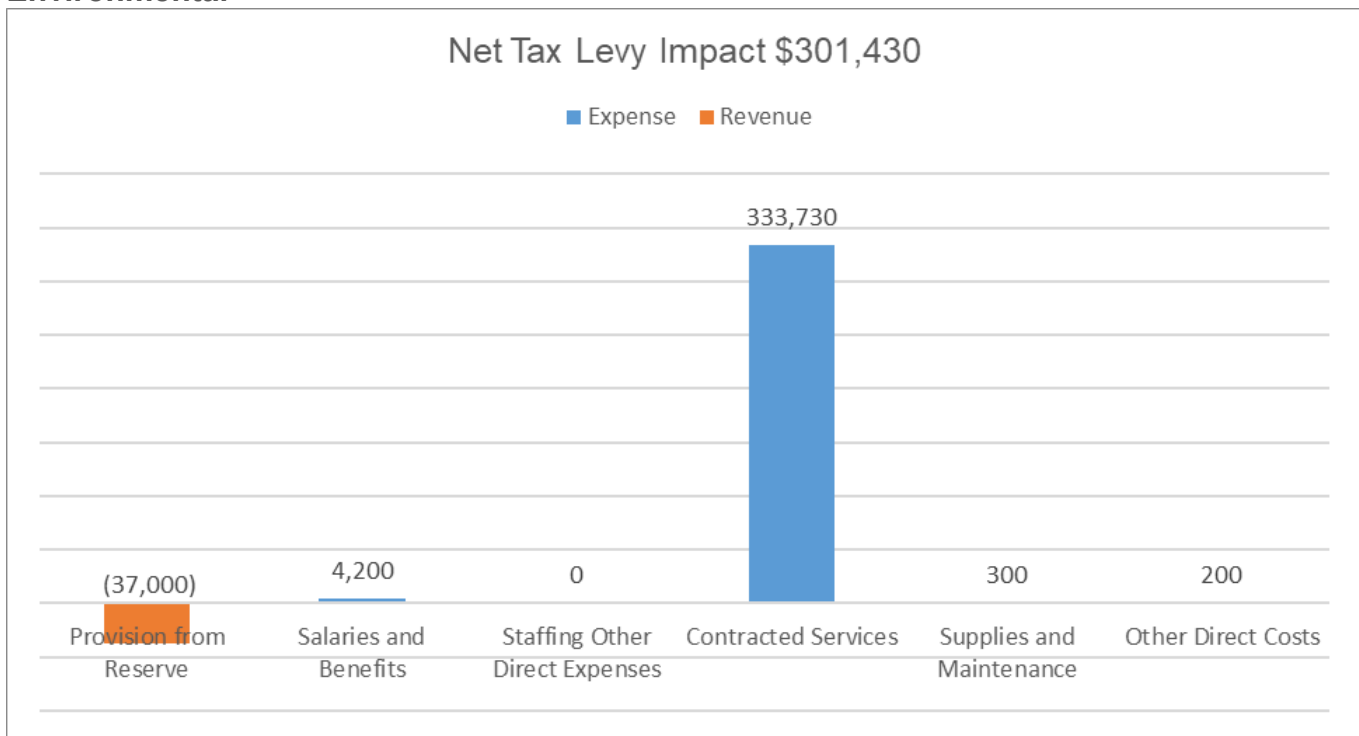


OPERATIONS AND INFRASTRUCTURE – ENVIRONMENTAL SERVICES DIVISION

Refuse Collection and Recycling



Environmental



2021 Accomplishments

- Received a Risk Score of 100 per cent following the provincial inspection of the drinking water system.
- Successfully passed the external audit of the Drinking Water Quality Management System (DWQMS) with no finding of non-conformance with the standard.
- Completed the stormwater management system Operations and Maintenance Manual.
- Completed the submission of the Consolidated Linear Infrastructure (CLI) Environmental Compliance Approval (Permit) Application to the Ministry of the Environment, Conservation and Parks for the Town's wastewater collection and the stormwater management systems, including approval for pre-authorization of future system expansions subject to engineering review.
- Completed the application to amend the Georgina Closed Landfill Permit in response to the provincial inspection order to amend the 1982 permit as to include the closure plan.
- Successfully completed the commissioning of the Connell Water Booster Station, and the decommissioning of the Wexford Water Booster Station.
- Completed two projects in partnership with Ryerson University:
 - Optimization of the Sewer Flushing Program
 - Operational Plan for the Wastewater Collection System Environmental Management System, based on ISO 14001

Key Projects for 2022

- Continue implementation of the fire hydrant painting program to comply with the National Fire Protection Association guideline linking available system flow for firefighting with standard colour coding.
- Continue the water meter replacement and modernization program including remote reading of water meters with radio-transmission technology
- Development of wastewater collection operations and maintenance manual consistent with the operational plan for the drinking water system.

- Completion of the expansion of the boosted pressure zone in central Keswick including construction of the Morton Avenue watermain.
- Pilot projects for drinking water system valve inspection and exercising and maintenance hole (MH) inspections within the sanitary sewer and stormwater collection systems.
- Develop an implementation plan for the Operational Plan for the Wastewater Collection System Environmental Management System, based on ISO 14001.
- Obtain the CLI (Permits) from the Ministry of the Environment, Conservation and Parks for the Town's wastewater collection and the stormwater management systems, including approval for pre-authorization of future system expansions subject to engineering review.



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Water - Budget Summary

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE
Administration	(2,200,280)	16,500	69,750	(122,200)	0	(18,420)	(2,254,650)	2%	(54,370)
Administration	(2,183,480)	16,500	0	(157,420)	0	(11,350)	(2,335,750)	7%	(152,270)
Labour Allocation	(16,800)	0	69,750	35,220	0	(7,070)	81,100	-583%	97,900
Water Fleet	35,000	0	0	0	0	6,500	41,500	19%	6,500
Water Meters	206,000	0	0	0	0	4,320	210,320	2%	4,320
Water Operations Centre	118,050	0	0	0	0	(13,100)	104,950	-11%	(13,100)
Water Quality & Monitoring	198,890	0	0	0	0	6,100	204,990	3%	6,100
Water System maintenance	1,642,340	52,290	0	2,540	11,980	(16,260)	1,692,890	3%	50,550
Distribution System	901,500	50,000	0	0	0	7,190	958,690	6%	57,190
Hydrants	260,170	0	0	0	0	25,580	285,750	10%	25,580
SCADA & Network	166,810	0	0	2,540	0	(1,250)	168,100	1%	1,290
Water Booster Stations	313,860	2,290	0	0	11,980	(47,780)	280,350	-11%	(33,510)
Grand Total	0	68,790	69,750	(119,660)	11,980	(30,860)	0		0



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Water - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Administration										
Revenue										
Capital Recovery (Water/Wastewater)	(578,670)	0	0	(22,550)	0	0	(601,220)	4%	(22,550)	Increase based on Water Financial Plan
Misc Revenues	(12,000)	0	0	(490)	0	0	(12,490)	4%	(490)	
Local Improvements (Water/Wastewater)	(623,180)	0	0	0	0	0	(623,180)	0%	0	
User Fees, Lease and Rental	(196,000)	0	0	(37,920)	0	0	(233,920)	19%	(37,920)	Increase based on User Fee Bylaw
Water	(6,748,820)	0	0	(139,610)	0	0	(6,888,430)	2%	(139,610)	Increase based on Water Financial Plan
Revenue Total	(8,158,670)	0	0	(200,570)	0	0	(8,359,240)	2%	(200,570)	
Expense										
Salaries and Benefits	234,540	0	0	0	0	(11,590)	222,950	-5%	(11,590)	Reallocation to Labour Allocation
Staffing Other Direct Expenses	16,860	0	0	0	0	(2,980)	13,880	-18%	(2,980)	
Contracted Services	10,000	0	0	0	0	(4,000)	6,000	-40%	(4,000)	
Contributions to Reserve	188,480	0	0	62,170	0	0	250,650	33%	62,170	Increase/offset based on Water rates
Debt Repayment	1,219,080	0	0	0	0	0	1,219,080	0%	0	
Supplies and Maintenance	19,200	0	0	0	0	5,000	24,200	26%	5,000	
Other Direct Costs	133,080	16,500	0	0	0	2,220	151,800	14%	18,720	Increase based on historical trend
Water Payments to York region	4,153,950	0	0	(19,020)	0	0	4,134,930	0%	(19,020)	Reduced based on York Region rate
Expense Total	5,975,190	16,500	0	43,150	0	(11,350)	6,023,490	1%	48,300	
Administration Total	(2,183,480)	16,500	0	(157,420)	0	(11,350)	(2,335,750)	7%	(152,270)	
Distribution System										
Expense										
Salaries and Benefits	326,740	0	0	0	0	7,680	334,430	2%	7,690	
Contracted Services	525,240	50,000	0	0	0	9,500	584,740	11%	59,500	Increase based on actuals
Supplies and Maintenance	48,520	0	0	0	0	(10,000)	38,520	-21%	(10,000)	Reallocation to contract services
Other Direct Costs	1,000	0	0	0	0	0	1,000	0%	0	
Expense Total	901,500	50,000	0	0	0	7,190	958,690	6%	57,190	
Distribution System Total	901,500	50,000	0	0	0	7,190	958,690	6%	57,190	
Hydrants										
Expense										
Salaries and Benefits	130,700	0	0	0	0	3,070	133,770	2%	3,070	
Contracted Services	120,980	0	0	0	0	20,000	140,980	17%	20,000	Increase based on actuals
Supplies and Maintenance	8,490	0	0	0	0	2,510	11,000	30%	2,510	
Expense Total	260,170	0	0	0	0	25,580	285,750	10%	25,580	
Hydrants Total	260,170	0	0	0	0	25,580	285,750	10%	25,580	
Labour Allocation										
Expense										
Salaries and Benefits	(16,800)	0	69,750	35,220	0	(7,070)	81,100	-583%	97,900	22-SI-01 Operations & Infrastructure Clerk & Reallocation
Expense Total	(16,800)	0	69,750	35,220	0	(7,070)	81,100	-583%	97,900	
Labour Allocation Total	(16,800)	0	69,750	35,220	0	(7,070)	81,100	-583%	97,900	
SCADA & Network										
Expense										
Salaries and Benefits	54,450	0	0	0	0	1,290	55,740	2%	1,290	
Contracted Services	49,620	0	0	2,540	0	0	52,160	5%	2,540	
Supplies and Maintenance	2,540	0	0	0	0	(2,540)	0	-100%	(2,540)	
Other Direct Costs	60,200	0	0	0	0	0	60,200	0%	0	
Expense Total	166,810	0	0	2,540	0	(1,250)	168,100	1%	1,290	
SCADA & Network Total	166,810	0	0	2,540	0	(1,250)	168,100	1%	1,290	



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Water - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Water Booster Stations										
Expense										
Salaries and Benefits	76,240	0	0	0	0	0	1,800	2%	1,800	
Contracted Services	60,360	0	0	0	0	(55,000)	5,360	-9%	(55,000)	Reduced based on historical trend
Debtenture Repayment	141,000	0	0	0	11,980	0	152,980	8%	11,980	Increase based on debenture schedule
Hydro/Sewer/Gas	26,790	2,290	0	0	0	1,450	30,530	14%	3,740	
Supplies and Maintenance	9,470	0	0	0	0	3,970	13,440	42%	3,970	
Expense Total	313,860	2,290	0	0	11,980	(47,780)	280,350	-11%	(33,510)	
Water Booster Stations Total	313,860	2,290	0	0	11,980	(47,780)	280,350	-11%	(33,510)	
Water Fleet										
Expense										
Supplies and Maintenance	31,500	0	0	0	0	10,000	41,500	32%	10,000	Reallocation of Fuel to Mechanics & Offset by increase in chargeback from Mechanics
Other Direct Costs	3,500	0	0	0	0	(3,500)	0	-100%	(3,500)	
Expense Total	35,000	0	0	0	0	6,500	41,500	19%	6,500	
Water Fleet Total	35,000	0	0	0	0	6,500	41,500	19%	6,500	
Water Meters										
Expense										
Salaries and Benefits	54,450	0	0	0	0	1,290	55,740	2%	1,290	
Contracted Services	150,000	0	0	0	0	3,000	153,000	2%	3,000	
Supplies and Maintenance	1,550	0	0	0	0	30	1,580	2%	30	
Expense Total	206,000	0	0	0	0	4,320	210,320	2%	4,320	
Water Meters Total	206,000	0	0	0	0	4,320	210,320	2%	4,320	
Water Operations Centre										
Expense										
Salaries and Benefits	71,150	0	0	0	0	(15,410)	55,740	-22%	(15,410)	Reallocation to Labour Allocation
Staffing Other Direct Expenses	16,000	0	0	0	0	2,000	18,000	13%	2,000	
Hydro/Sewer/Gas	25,110	0	0	0	0	190	25,300	1%	190	
Supplies and Maintenance	5,790	0	0	0	0	120	5,910	2%	120	
Expense Total	118,050	0	0	0	0	(13,100)	104,950	-11%	(13,100)	
Water Operations Centre Total	118,050	0	0	0	0	(13,100)	104,950	-11%	(13,100)	
Water Quality & Monitoring										
Expense										
Salaries and Benefits	174,260	0	0	0	0	4,100	178,360	2%	4,100	
Contracted Services	22,000	0	0	0	0	2,000	24,000	9%	2,000	
Supplies and Maintenance	2,630	0	0	0	0	0	2,630	0%	0	
Expense Total	198,890	0	0	0	0	6,100	204,990	3%	6,100	
Water Quality & Monitoring Total	198,890	0	0	0	0	6,100	204,990	3%	6,100	
Grand Total	0	68,790	68,750	(119,660)	11,980	(30,860)	0		0	



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Wastewater - Budget Summary

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE
Administration	(1,753,260)	0	0	(14,860)	0	0	(1,721,960)	-2%	31,300
Administration	(1,753,250)	0	0	(14,860)	0	0	(1,721,960)	-2%	31,290
Labour Allocation	(10)	0	0	0	0	10	0	-100%	10
Water System maintenance	200,700	0	0	0	0	70	200,770	0%	70
WW Fleet	25,500	0	0	0	0	(2,000)	23,500	-8%	(2,000)
WW Maintenance	1,185,570	0	0	0	0	(2,400)	1,183,170	0%	(2,400)
Residential Grinder Pumps	38,670	0	0	0	0	5,780	44,450	15%	5,780
WW Collection System	591,360	0	0	0	0	(71,140)	520,220	-12%	(71,140)
WW Pumping Stations	555,540	0	0	0	0	62,960	618,500	11%	62,960
WW Operations Centre	341,490	0	0	0	0	(26,970)	314,520	-8%	(26,970)
Grand Total	0	0	0	(14,860)	0	14,860	0	0	0



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2022 OPERATING BUDGET

Operations and Infrastructure - Wastewater - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Administration										
Revenue										
Capital Recovery (Water/Wastewater)	(515,980)	0	0	(26,260)	0	0	(542,240)	5%	(26,260)	Increase based on Water Financial Plan
Local Improvements (Water/Wastewater)	(934,760)	0	0	0	0	0	(934,760)	0%	0	
Provision from Reserve	(541,960)	0	0	442,460	0	99,500	0	-100%	541,960	Reallocation with contribution from reserve
User Fees, Lease and Rental	(20,000)	0	0	(7,000)	0	0	(27,000)	35%	(7,000)	
Wastewater	(7,164,130)	0	0	(206,040)	0	0	(7,370,170)	3%	(206,040)	Increase based on Water Financial Plan
Revenue Total	(9,176,830)	0	0	203,160	0	99,500	(8,874,170)	-3%	302,660	
Expense										
Staffing Other Direct Expenses	9,000	0	0	0	0	(1,500)	7,500	-17%	(1,500)	
Contributions to Reserve	216,980	0	0	7,000	0	(65,940)	168,040	-23%	(48,940)	Decrease/offset based on Water rates
Debt Repayment	749,230	0	0	0	0	0	749,230	0%	0	
Supplies and Maintenance	17,700	0	0	0	0	(1,700)	16,000	-10%	(1,700)	
Other Direct Costs	98,110	0	0	0	0	5,790	103,900	6%	5,790	
Water Payments to York region	6,332,560	0	0	(225,020)	0	0	6,107,540	-4%	(225,020)	Reduced based on York Region rate
Expense Total	7,423,580	0	0	(218,020)	0	(63,350)	7,152,210	-4%	(271,370)	allocation and consumption estimates
Administration Total	(1,753,250)	0	0	(14,860)	0	46,150	(1,721,960)	-2%	31,290	
Labour Allocation										
Expense										
Salaries and Benefits	(10)	0	0	0	0	10	0	-100%	10	Reallocation
Expense Total	(10)	0	0	0	0	10	0	-100%	10	
Labour Allocation Total	(10)	0	0	0	0	10	0	-100%	10	
Residential Grinder Pumps										
Expense										
Salaries and Benefits	32,670	0	0	0	0	780	33,450	2%	780	
Contracted Services	4,000	0	0	0	0	(2,000)	2,000	-50%	(2,000)	
Supplies and Maintenance	2,000	0	0	0	0	7,000	9,000	350%	7,000	
Expense Total	38,670	0	0	0	0	5,780	44,450	15%	5,780	
Residential Grinder Pumps Total	38,670	0	0	0	0	5,780	44,450	15%	5,780	
SCADA & Network										
Expense										
Salaries and Benefits	130,700	0	0	0	0	3,070	133,770	2%	3,070	
Contracted Services	33,000	0	0	0	0	7,000	40,000	21%	7,000	
Supplies and Maintenance	2,000	0	0	0	0	0	2,000	0%	0	
Other Direct Costs	35,000	0	0	0	0	(10,000)	25,000	-29%	(10,000)	Reduced based on historical trend
Expense Total	200,700	0	0	0	0	70	200,770	0%	70	
SCADA & Network Total	200,700	0	0	0	0	70	200,770	0%	70	
WW Collection System										
Expense										
Salaries and Benefits	326,740	0	0	0	0	7,690	334,430	2%	7,690	
Contracted Services	242,620	0	0	0	0	(79,150)	163,470	-33%	(79,150)	Reduced based on actuals
Supplies and Maintenance	16,000	0	0	0	0	320	16,320	2%	320	
Other Direct Costs	6,000	0	0	0	0	0	6,000	0%	0	
Expense Total	591,360	0	0	0	0	(71,140)	520,220	-12%	(71,140)	
WW Collection System Total	591,360	0	0	0	0	(71,140)	520,220	-12%	(71,140)	



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2022 OPERATING BUDGET

Operations and Infrastructure - Wastewater - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
WW Fleet										
Expense										
Supplies and Maintenance	25,500	0	0	0	0	(2,000)	23,500	-8%	(2,000)	
Expense Total	25,500	0	0	0	0	(2,000)	23,500	-8%	(2,000)	
WW Fleet Total	25,500	0	0	0	0	(2,000)	23,500	-8%	(2,000)	
WW Operations Centre										
Expense										
Salaries and Benefits	305,680	0	0	0	0	(26,990)	278,690	-9%	(26,990)	Reallocation to Labour Allocation
Staffing Other Direct Expenses	19,500	0	0	0	0	0	19,500	0%	0	
Hydro/Sewer/Gas	16,310	0	0	0	0	20	16,330	0%	20	
Expense Total	341,490	0	0	0	0	(26,970)	314,520	-8%	(26,970)	
WW Operations Centre Total	341,490	0	0	0	0	(26,970)	314,520	-8%	(26,970)	
WW Pumping Stations										
Expense										
Salaries and Benefits	326,740	0	0	0	0	7,690	334,430	2%	7,690	
Contracted Services	87,620	0	0	0	0	50,000	137,620	57%	50,000	Increase based on actuals
Hydro/Sewer/Gas	122,470	0	0	0	0	5,270	127,740	4%	5,270	
Supplies and Maintenance	18,710	0	0	0	0	0	18,710	0%	0	
Expense Total	555,540	0	0	0	0	62,960	618,500	11%	62,960	
WW Pumping Stations Total	555,540	0	0	0	0	62,960	618,500	11%	62,960	
Grand Total	0	0	0	(14,860)	0	14,860	0	0	0	



GEORGINA

2022 OPERATING BUDGET

Operations and Infrastructure - Refuse and Recycling - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Blue Boxes										
Revenue										
Misc Revenues	(6,000)	0	0	(4,260)	0	0	(10,260)	71%	(4,260)	Usage Increase due to COVID-19
Provision from Reserve	0	0	0	(57,620)	0	0	(57,620)		(57,620)	(Grant Funded)
Region or other Munic	(173,100)	0	0	0	0	(26,900)	(200,000)	16%	(26,900)	Increase based on historical trend
Revenue Total	(179,100)	0	0	(61,880)	0	(26,900)	(267,880)	50%	(88,780)	
Expense										
Salaries and Benefits	2,800	0	0	0	0	(2,800)	0	-100%	(2,800)	
Staffing Other Direct Expenses	800	0	0	0	0	0	800	0%	0	
Contracted Services	542,870	0	0	(13,210)	0	0	529,660	-2%	(13,210)	Increase based on contract rates
Contributions to Reserve	5,000	0	0	0	0	(5,000)	0	-100%	(5,000)	
Supplies and Maintenance	8,000	0	0	4,400	0	0	12,400	55%	4,400	
Expense Total	559,470	0	0	(8,810)	0	(7,800)	542,860	-3%	(16,610)	
Blue Boxes Total	380,370	0	0	(70,690)	0	(34,700)	274,980	-28%	(105,390)	
Collection										
Revenue										
User Fees, Lease and Rental	(140,000)	0	0	0	0	0	(140,000)	0%	0	
Revenue Total	(140,000)	0	0	0	0	0	(140,000)	0%	0	
Expense										
Salaries and Benefits	2,890	0	0	0	0	(2,890)	0	-100%	(2,890)	
Contracted Services	515,100	0	0	96,210	0	(37,230)	574,080	11%	58,980	Increase based on contract rates & reorganization to Environmental
Other Direct Costs	15,000	0	0	0	0	0	15,000	0%	0	
Expense Total	532,990	0	0	96,210	0	(40,120)	589,080	11%	56,090	
Collection Total	392,990	0	0	96,210	0	(40,120)	449,080	14%	56,090	
Electronic Waste Collection and Disposal										
Revenue										
Misc Revenues	(2,700)	0	0	0	0	0	(2,700)	0%	0	
Revenue Total	(2,700)	0	0	0	0	0	(2,700)	0%	0	
Expense										
Contracted Services	3,500	0	0	0	0	0	3,500	0%	0	
Expense Total	3,500	0	0	0	0	0	3,500	0%	0	
Electronic Waste Collection and Disposal Total	800	0	0	0	0	0	800	0%	0	
Green Bins										
Revenue										
Misc Revenues	(10,000)	0	0	(2,500)	0	0	(12,500)	25%	(2,500)	
Revenue Total	(10,000)	0	0	(2,500)	0	0	(12,500)	25%	(2,500)	
Expense										
Salaries and Benefits	2,800	0	0	0	0	(2,800)	0	-100%	(2,800)	
Contracted Services	486,760	0	0	51,210	0	0	537,970	11%	51,210	Increase based on contract rates
Supplies and Maintenance	15,000	0	0	5,250	0	0	20,250	35%	5,250	
Expense Total	504,560	0	0	56,460	0	(2,800)	558,220	11%	53,660	
Green Bins Total	494,560	0	0	53,960	0	(2,800)	545,720	10%	51,160	
Labour Allocation										
Expense										
Salaries and Benefits	0	0	0	0	0	0	0	0%	0	
Expense Total	0	0	0	0	0	0	0	0%	0	
Labour Allocation Total	0	0	0	0	0	0	0	0%	0	



GEORGIA

2022 OPERATING BUDGET

Operations and Infrastructure - Refuse and Recycling - Budget Details

Yard Waste Collection										
2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS	
Expense										
Contracted Services	180,000	0	0	14,560	0	0	194,560	8%	14,560	Increase based on contract rates
Expense Total	180,000	0	0	14,560	0	0	194,560	8%	14,560	
Yard Waste Collection Total	180,000	0	0	14,560	0	0	194,560	8%	14,560	
Grand Total	1,448,720	0	0	94,040	0	(77,620)	1,465,140	1%	16,420	



GEORGIA

2022 OPERATING BUDGET

Operations and Infrastructure - Environmental - Budget Details

	2022 BASE BUDGET	GROWTH	SERVICE LEVEL	CONTRACTUAL/ INFLATIONARY	DEBT FINANCING	OTHER	2022 BUDGET	BUD/BUD % VARIANCE	BUD/BUD \$ VARIANCE	COMMENTS
Administration										
Expense										
Supplies and Maintenance	0	0	0	0	0	0	300		300	
Other Direct Costs	0	0	0	0	0	0	200		200	
Expense Total	0	0	0	0	0	0	500		500	
Administration Total	0	0	0	0	0	0	500		500	
Aquatic Weed Removal										
Expense										
Contracted Services	170,500	0	0	0	0	0	170,500	0%	0	
Expense Total	170,500	0	0	0	0	0	170,500	0%	0	
Aquatic Weed Removal Total	170,500	0	0	0	0	0	170,500	0%	0	
Closed Landfill - Monitoring										
Revenue										
Provision from Reserve	0	0	0	0	0	(37,000)	(37,000)		(37,000)	Landfill Site Reserve
Revenue Total	0	0	0	0	0	(37,000)	(37,000)		(37,000)	
Expense										
Contracted Services	0	0	0	0	0	37,230	37,230		37,230	Reorganization from Refuse and Recycling
Expense Total	0	0	0	0	0	37,230	37,230		37,230	
Closed Landfill - Monitoring Total	0	0	0	0	0	230	230		230	
MOSQUITO										
Expense										
Staffing Other Direct Expenses	200	0	0	0	0	(200)	0	-100%	(200)	
Contracted Services	126,000	0	0	0	0	0	126,000	0%	0	
Supplies and Maintenance	650	0	0	0	0	(650)	0	-100%	(650)	
Expense Total	126,850	0	0	0	0	(850)	126,000	-1%	(850)	
MOSQUITO Total	126,850	0	0	0	0	(850)	126,000	-1%	(850)	
Stormwater Administration										
Expense										
Salaries and Benefits	2,120	0	0	2,080	0	0	4,200	98%	2,080	
Expense Total	2,120	0	0	2,080	0	0	4,200	98%	2,080	
Stormwater Administration Total	2,120	0	0	2,080	0	0	4,200	98%	2,080	
Grand Total	299,470	0	0	2,080	0	(120)	301,430	1%	1,960	