

TOWN OF RICHMOND HILL
2019 Draft Operating Budget

WATER, WASTEWATER & STORMWATER MANAGEMENT SERVICES

2019 Draft Budget Submitted and Reviewed by:



Ilmar Simanovskis
Commissioner, Community Services



David Dexter
Director, Financial Services & Treasurer

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER, WASTEWATER & STORMWATER MANAGEMENT SERVICES

<u>Index</u>	<u>Pages</u>
1. 2019 Budget Narrative	
Water & Wastewater Overview	1 – 2
Water & Wastewater Summary	3 – 7
Water & Wastewater	
Water & Wastewater Services Supply & Revenue.....	8 – 9
Transfers to Reserves & Reserve Funds.....	10
Financial Services Allocations	11
Corporate Allocations	12
Water & Wastewater Administration	13 – 14
Water & Wastewater Operations	15 – 18
Stormwater Management Services	19 – 26

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

OVERVIEW

Water & Wastewater services for residents and businesses in Richmond Hill are provided in collaboration with the Region of York. The Region of York acquires water from the City of Toronto and the Region of Peel, and distributes it to the Richmond Hill borders from which the Town distributes to each household and business. Wastewater is collected and transferred out of the municipality at which point the Region continues the collection process at the municipal border and transfers the wastewater to the Duffin Creek Water Pollution Control Plant in Pickering where it is treated. The Region charges the Town a wholesale rate and the Town passes on these costs to the residents and businesses at a combined retail rate.

The 2019 Draft Water & Wastewater Operating Budget reflects the principles of the 10-year Water & Wastewater Financial Plan adopted by Council in 2010 as a requirement of the *Safe Drinking Water Act, 2002, Ontario Regulation 453/07*. The budget also reflects the results of the updated Financial/Rate Study completed by staff in 2017. The financial study indicated that:

- a) The Town's Water & Wastewater program is financially sustainable while remaining debt free for the 10 year period (& beyond);
- b) There is sufficient funding available in the 10 year plan for all capital projects;
- c) The Water & Wastewater repair & replacement reserve fund balances provide for the 10 year capital repairs forecast (& beyond);
- d) Projected user rates remain reasonable while providing for full cost recovery plus gradual increases to reserve fund contributions; and
- e) The Town's Water & Wastewater supply and resources will remain reliable, safe and sustainable.

This presentation summarizes the Water and Wastewater program that is distributed through four departments:

- **Environmental & Infrastructure Services** – major repair and reconstruction of infrastructure (part of Capital program).
- **Community Services** – maintains & operates almost 1200 km of watermain and sanitary sewer infrastructure, along with storm sewers and stormwater ponds.
- **Corporate & Financial Services** – billings, collections, maintains water meters
- **Office of the CAO** – deals with service enquiries through Access Richmond Hill

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

OVERVIEW - Continued

The 2018 ACCOMPLISHMENTS

Public Works Administration & Operations:

- York Region/Town Sewer Use Bylaw Program Enhancement
 - Robust sampling and enforcement
 - Increased monitoring of ICI properties
- CCTV Software Upgrade
 - Improve capability to prioritize sewers (sanitary and storm) for rehabilitation work
 - Provides reports/maps outlining location of services connections (utility locates)
- Sketch Editor Software
 - Integrated with Maximo when performing locates
 - Design capabilities to sketch infrastructure (eliminating paper)
- Sanitary Sewer Lift Stations
 - Preventative maintenance inspections performed in-house

The 2019 PRIORITIES

Public Works Administration & Operations:

- PRV (Pressure Reducing Valve)
 - Preventative maintenance inspection program of Pressure Reducing Valves
- Watermain Cleaning (Unidirectional Flushing)
 - Enhance the annual unidirectional flushing program to ensure better representation throughout the distribution system
- Leak Detection Program
 - Upgrade leak detection program to minimize potential unaccounted for water losses
- Recertification of Richmond Hills Municipal Drinking Water License

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER SUMMARY

2019 Budget Highlights

	2017 Actual	Preliminary Actuals at 30-Nov-18	2018 Approved Budget	2019 Draft Budget	Variance (Favable) / Unfavorable	
Expenditures						
Personnel - Full-Time	\$ 2,785,080	\$ 2,699,153	\$ 3,176,800	\$ 3,346,200	\$ 169,400	
Personnel - Casual	107,424	74,410	151,900	151,900	-	
Water - Regional Charges	20,165,202	15,012,100	23,063,500	25,360,400	2,296,900	
Wastewater - Regional Charges	31,311,193	23,409,720	35,751,100	37,673,900	1,922,800	
Water & Wastewater Discount	704,311	302,511	389,100	-	(389,100)	
Contracts / Services	4,211,295	6,621,764	5,061,800	5,020,500	(41,300)	
Materials / Supplies	669,681	623,777	892,500	911,800	19,300	
Other Expenditures	38,736	40,615	60,400	59,600	(800)	
Transfers to Other Funds	12,064,508	10,671,100	12,694,400	13,362,700	668,300	
Total Expenditures	\$ 72,057,429	\$ 59,455,150	\$ 81,241,500	\$ 85,887,000	\$ 4,500	5.7%
Revenues						
Water Supply Revenue	(271,963)	(79,365)	(85,200)	(85,200)	-	
Water & Wastewater Revenue	(69,003,973)	(61,362,506)	(79,206,200)	(83,810,200)	(4,604,000)	
User Fees	(2,367,197)	(3,525,843)	(1,775,900)	(1,817,400)	(41,500)	
Investment Income	(60,000)	-	(60,000)	(60,000)	-	
Reserves and Reserve Funds	(1,234,296)	(1,025,510)	(114,200)	(114,200)	-	
Total Revenues	\$ (72,937,429)	\$ (65,993,225)	\$ (81,241,500)	\$ (85,887,000)	\$ (4,500)	5.7%
Net Budget	\$ (880,000)	\$ (6,538,074)	\$ -	\$ -	\$ -	

	2018 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
Expenditures						
Personnel - Full-Time	\$ 3,176,800	\$ 118,500	\$ -	\$ 50,900	\$ -	\$ 3,346,200
Personnel - Casual	151,900	-	-	-	-	151,900
Water - Regional Charges	23,063,500	2,296,900	-	-	-	25,360,400
Wastewater - Regional Charges	35,751,100	1,922,800	-	-	-	37,673,900
Water & Wastewater Discount	389,100	(389,100)	-	-	-	-
Contracts / Services	5,061,800	16,200	-	(57,500)	-	5,020,500
Materials / Supplies	892,500	19,000	-	300	-	911,800
Other Expenditures	60,400	-	-	(800)	-	59,600
Transfers to Other Funds	12,694,400	647,800	-	-	20,500	13,362,700
Total Expenditures	\$ 81,241,500	\$ 4,632,100	\$ -	\$ (7,100)	\$ 20,500	\$ 85,887,000
Revenues						
Water Supply Revenue	(85,200)	-	-	-	-	(85,200)
Water & Wastewater Revenue	(79,206,200)	(4,604,000)	-	-	-	(83,810,200)
User Fees	(1,775,900)	(41,500)	-	-	-	(1,817,400)
Investment Income	(60,000)	-	-	-	-	(60,000)
Reserves and Reserve Funds	(114,200)	-	-	-	-	(114,200)
Other Internal Sources	-	-	-	-	-	-
Total Revenues	\$ (81,241,500)	\$ (4,645,500)	\$ -	\$ -	\$ -	\$ (85,887,000)
Net Budget	\$ -	\$ (13,400)	\$ -	\$ (7,100)	\$ 20,500	\$ -

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER SUMMARY – Continued

2019 Budget Summary

	2017 Actual	Preliminary Actuals at 30-Nov-18	2018 Approved Budget	2019 Draft Budget	Variance (Favourable) / Unfavourable
Net Revenues					
Water & Wastewater Revenues	\$ (68,299,662)	\$ (61,059,995)	\$ (78,817,100)	\$ (83,810,200)	\$ (4,993,100)
Water Services Supply	19,893,239	14,932,735	22,978,300	25,275,200	2,296,900
Wastewater Services Supply	31,311,193	23,409,720	35,751,100	37,673,900	1,922,800
	(17,095,230)	(22,717,540)	(20,087,700)	(20,861,100)	(773,400)
Maintenance & Operations	6,536,924	7,054,845	9,070,000	9,268,600	198,600
Corporate Allocations					
Financial Services	1,223,590	1,162,320	1,430,000	1,570,300	140,300
Corporate Expenditures	1,272,261	1,393,700	1,520,700	1,684,400	163,700
Corporate Revenues	(1,154,401)	(880,000)	(60,000)	(60,000)	-
Transfer to R&R Reserve Funds	8,336,856	7,448,600	8,127,000	8,397,800	270,800
	9,678,306	9,124,620	11,017,700	11,592,500	574,800
Net Budget	\$ (880,000)	\$ (6,538,074)	\$ -	\$ -	\$ -

This table reflects proposed net budgets. The total Water & Wastewater net expenditure budget for 2019 is \$85.9 million (5.7% increase from 2018). Approximately 73% of the total expenditure budget is for the acquisition of Water & Wastewater services from the Region (\$63.0 million). The remaining 27% is for Town Services (i.e. Maintenance & Operations, Revenue billings, collections, meter repairs, reserve fund contributions, and corporate overhead allocations). Also about 98% of the Town's total expenditure is funded from the combined retail rate with the remaining 2% coming from reserves, reserve funds, and other user charges.

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER SUMMARY – Continued

Rate History

1% Water & Wastewater rate increase generates \$609,800 greater revenues. The 2019 Draft Water & Wastewater Budget proposes a 7.5% combined retail rate increase effective April 1, 2019, consistent with Council approved Water/Wastewater Financial Plan in 2018. The budget includes the following:

- a) A proposed combined wholesale rate increase of 9% (effective April 1, 2019) from the Region of York for combined Water & Wastewater services;
- b) Greater transfers to the operating fund to reflect increased workflow activity toward Water & Wastewater issues and functions; and
- c) Increased contribution to Repair & Replacement reserve funds to continue to provide for full replacement funding of Water & Wastewater assets.

The following table shows the historical rates:

Year	<u>York Region Wholesale Rates</u>						<u>Town Retail Rate</u>					
	Water	% Inc.	Wastewater	% Inc.	Combined	% Inc.	Water	% Inc.	Wastewater	% Inc.	Combined	% Inc.
2011	0.6973	10.0%	0.7902	10.0%	1.4875	10.0%	1.1478	10.0%	1.3005	10.0%	2.4483	10.0%
2012	0.7512	7.7%	0.8848	12.0%	1.6360	10.0%	1.2362	7.7%	1.4566	12.0%	2.6928	10.0%
2013	0.8087	7.7%	0.9910	12.0%	1.7997	10.0%	1.3068	5.7%	1.6006	9.9%	2.9074	8.0%
2014	0.8697	7.5%	1.1099	12.0%	1.9796	10.0%	1.3810	5.7%	1.7590	9.9%	3.1400	8.0%
2015	0.9345	7.5%	1.2431	12.0%	2.1776	10.0%	1.4823	7.3%	1.9717	12.1%	3.4540	10.0%
2016	0.9582	2.5%	1.4158	13.9%	2.3740	9.0%	1.5196	2.5%	2.2453	13.9%	3.7649	9.0%
2017	1.0021	4.6%	1.5855	12.0%	2.5876	9.0%	1.6564	9.0%	2.4474	9.0%	4.1037	9.0%
2018	1.1051	10.3%	1.7154	8.2%	2.8205	9.0%	1.8295	10.5%	2.5820	5.5%	4.4115	7.5%
2019	1.2412	12.3%	1.8328	6.8%	3.0740	9.0%	1.9667	7.5%	2.7757	7.5%	4.7424	7.5%

Note: Rates shown are on a per cubic metre basis.

The table below shows York Region's forecast of Wholesale rates to achieve full cost recovery pricing in five years:

Wholesale Rate Increases April 1 of Each	
2018	9.0%
2019	9.0%
2020	9.0%
2021	2.9%
2022	2.9%

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER SUMMARY – Continued

Budget Change Explanation	2018 Budget	2019 Budget	Incremental Change	Explanation
2018 Net Budget			\$ -	
Base				
Personnel				
<u>WWW Operations</u>				
Staff Costs - Full Time Salaries & Benefits	3,138,100	3,256,600	118,500	Step rate and benefits rate increase
Contracts/Services				
<u>WWW Operations</u>				
Environmental Compliance Contract	10,000	15,000	5,000	Effluent sampling and hazardous waste disposal
Insurance	561,400	572,600	11,200	New Contract price
Materials/Supplies				
<u>Water & Wastewater Supply</u>				
Water - Regional Charge	22,839,100	25,119,900	2,280,800	Increased due to 12.3% wholesale water rate and volume increase
Water - Town Use	91,800	103,000	11,200	Town's own use of water separated from regional charge
Write-offs: Residential	132,600	137,500	4,900	Based on anticipated increases in write-offs
Regional Charge Sewer Treatment	35,608,700	37,521,900	1,913,200	Increased due to 6.8% wholesale water rate and volume increase
Wastewater -Town Use	142,400	152,000	9,600	Town's own use of wastewater separated from regional charge
Water & Sewer Discount - Res.	274,700	-	(274,700)	Decrease reflects the elimination of the discount
Water & Sewer Discount - Comm.	114,400	-	(114,400)	Decrease reflects the elimination of the discount
Postage	170,000	189,000	19,000	Increase in Canada Post rates
Transfer to Other Fund				
<u>WWW Operations</u>				
Transfer to PWO	99,900	102,000	2,100	General rate increase for staffing cost
Transfer to Fleet	1,022,300	1,063,000	40,700	General rate increase for staffing cost
Transfer to IT	388,900	396,900	8,000	General rate increase for staffing cost
Transfer to EIS	363,500	445,200	81,700	General rate increase for staffing cost
<u>Financial Services Allocation</u>				
Transfer to Revenue Fund	1,172,100	1,252,900	80,800	Increased to reflect inflationary pressures
<u>Corporate Allocation</u>				
Contribution to Revenue Fund	1,520,700	1,684,400	163,700	Transfer to operating fund to reflect inflationary pressures and allocation of time spent on WWW. Transfer amount is reduced by cost of splash pads
<u>Transfer to Reserves & Reserve Funds</u>				
Transfer to Repair & Replacement Reserve Fund	8,127,000	8,397,800	270,800	Increased to reflect growth in WWW related infrastructure as updated in life cycle analysis
		Total Expenditures	4,632,100	

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER SUMMARY – Continued

Budget Change Explanation	2018 Budget	2019 Budget	Incremental Change	Explanation
Revenue				
Water & Wastewater - Revenue				
<u>Water & Wastewater Supply & Revenue</u>				
Water & Wastewater - Revenue	(79,206,200)	(83,810,200)	(4,604,000)	Reflects a 7.5% blended increase in combined retail rate and anticipated volume from the region.
User Fees				
<u>Financial Services Allocation</u>				
New Account Fee	(180,500)	(140,000)	40,500	Based on historical trend
<u>WWW Operations</u>				
Water Services Contract	(1,340,000)	(1,470,000)	(130,000)	Projected increase in residential servicing applications Work is done inhouse by the Town
Other Revenue from Developer	(48,000)	-	48,000	
		Total Revenues	(4,645,500)	
Total Base Budget			\$ (13,400)	
Annualization				
<u>WWW Operations</u>				
WWW Operator	(16,100)	(23,200)	(7,100)	
		Total Annualization	\$ (7,100)	
New / Growth Staff & Programs				
<u>WWW Operations</u>				
Transfer to EIS		20,500	20,500	Additional funding for the legislated Project Manager position in Corporate Asset Management
		Total New/Growth Staff & Programs	\$ 20,500	
		Incremental Change	\$ -	
		2019 Net Budget	\$ -	

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER SERVICES SUPPLY & REVENUE

This budget program captures the wholesale costs of water supplied by the Region of York and the wholesale costs of wastewater collected for treatment by the Region of York. This budget also captures the combined billing revenues for Water and Wastewater services provided by the Town at the combined retail rate.

2019 Budget Highlights

	2017 Actual	Preliminary Actuals at 30-Nov-18	2018 Approved budget	2019 Draft Budget	Varice (Favourable) / Unfavourable	
Expenditures						
Water - Regional Charges	\$ 20,165,202	\$ 15,012,100	\$ 23,063,500	\$ 25,360,400	\$ 2,296,900	
Wastewater - Regional Charges	31,311,193	23,409,720	35,751,100	37,673,900	1,922,800	
Water & Wastewater Discount	704,311	302,511	389,100	-	(389,100)	
Total Expenditures	\$ 52,180,706	\$ 38,724,	\$ 59,203,700	\$ 63,034,300	\$ 3,600	6.5%
Revenues						
Water Supply Revenue	(271,963)	(79,365)	(85,200)	(85,200)	-	
Water & Wastewater Revenue	(69,003,973)	(61,362,506)	(79,206,200)	(83,810,200)	(4,604,000)	
Total Revenues	\$ (69,275,936)	\$ (61,441,	\$ (79,291,400)	\$ (83,895,400)	\$ (4,000)	5.8%
Net Budget	\$ (17,095,230)	\$ (22,717,	\$ (20,087,700)	\$ (20,861,100)	\$ (400)	3.9%

	2018 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
Expenditures						
Water - Regional Charges	\$ 23,063,500	\$ 2,296,900	\$ -	\$ -	\$ -	\$ 25,360,400
Wastewater - Regional Charges	35,751,100	1,922,800	-	-	-	37,673,900
Water & Wastewater Discount	389,100	(389,100)	-	-	-	-
Total Expenditures	\$ 59,203,700	\$ 3,830,	\$ -	\$ -	\$ -	\$ 63,034,300
Revenues						
Water Supply Revenue	(85,200)	-	-	-	-	(85,200)
Water & Wastewater Revenue	(79,206,200)	(4,604,000)	-	-	-	(83,810,200)
Total Revenues	\$ (79,291,400)	\$ (4,604,	\$ -	\$ -	\$ -	\$ (83,895,400)
Net Budget	\$ (20,087,700)	\$ (773,	\$ -	\$ -	\$ -	\$ (20,861,100)

Base Expenditure

- The Region of York will be passing on a 12.3% wholesale rate increase for provision of water services effective April 1, 2019.
- The Region of York will be passing on a 6.8% wholesale rate increase for wastewater treatment effective April 1, 2019.
- The increase in Water and Wastewater Regional Charges reflect January to March 2019 billings from Region of York at the 2018 rate and April to December at the 2019 rate, and are based on forecasted volumes maintained at 2018 levels. In addition, provision for write offs are taken into account in the increase.
- In 2019 the combined Water and Wastewater volumes are forecasted to be 20,885,505 (2018 budget – 21,153,222) cubic metres, based on previous years' experience and Region forecasts.

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER SERVICES SUPPLY & REVENUE - Continued

Base Revenue

- The Water Supply Revenue increased as the proposed residential and business combined retail rate is budgeted to increase by 7.5% effective April 1, 2019 (2018 – increased by 7.5%).
- The table below shows historical and projected volumes:

<u>Water Volumes (m³)</u>			
Year	Budget	Actual	Variance
2013	21,558,905	20,896,755	(662,150)
2014	21,904,380	20,962,206	(942,174)
2015	20,954,300	21,112,435	158,135
2016	20,954,300	21,558,681	604,381
2017	21,113,340	20,164,709	(948,631)
2018	21,153,222	20,936,000 *	(217,222)
2019	20,885,505	-----	-----

* Estimate

- 2018 Actuals of 20,936,000 cubic metres includes actuals up to October 31, 2018 and forecasts for November and December 2018.

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER – TRANSFERS TO RESERVES & RESERVE FUNDS

2019 Budget Highlights

	2017 Actual	Preliminary Actuals at 30-Nov-18	2018 Approved Budget	2019 Draft Budget	Variance (Favable) / Unfavorable	
Expenditures						
Transfer to Water Rate Stabilization Reserve	\$ 839,178	\$ 660,000	\$ 720,200	\$ 720,200	\$ -	
Transfer to Repair & Replacement Reserve Funds	7,497,678	6,788,600	7,406,800	7,677,600	270,800	
Net Budget	\$ 8,336,856	\$ 7,448,600	\$ 8,127,000	\$ 8,397,800	\$ 270,800	3.3%

	2018 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
Expenditures						
Transfer to Water Rate Stabilization Reserve	\$ 720,200	\$ -	\$ -	\$ -	\$ -	\$ 720,200
Transfer to Repair & Replacement Reserve Funds	7,406,800	270,800	-	-	-	7,677,600
Net Budget	\$ 8,127,000	\$ 270,800	\$ -	\$ -	\$ -	\$ 8,397,800

Base Expenditure

- The Transfer to Water & Wastewater Repair and Replacement Reserve Funds is in compliance with the requirements of the Safe Drinking Water Act, which requires 100% funding for life cycle replacement of Water and Wastewater related infrastructure as part of this fund being financially sustainable into the future.

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER – FINANCIAL SERVICES ALLOCATIONS

2019 Budget Highlights

	2017 Actual	Preliminary Actuals at 30-Nov-18	2018 Approve Budget	2019 Draft Budget	Varice (Favourble) / Unfavourable	
Expenditures						
Contracts / Services	\$ 316,138	\$ 280,812	\$ 379,000	\$ 379,000	\$ -	
Materials / Supplies	264,092	213,288	250,000	269,000	19,000	
Other Expenditures	21,960	16,105	25,000	25,000	-	
Transfers to Other Funds	1,095,100	1,074,400	1,172,100	1,252,900	80,800	
Total Expenditures	\$ 1,697,290	\$ 1,584,605	\$ 1,826,100	\$ 1,925,900	\$ 99,800	5.5%
Revenues						
User Fees	(334,420)	(276,774)	(281,900)	(241,400)	40,500	
Reserves and Reserve Funds	(139,280)	(145,510)	(114,200)	(114,200)	-	
Total Revenues	\$ (473,700)	\$ (422,285)	\$ (396,100)	\$ (355,600)	\$ 40,500	-10.2%
Net Budget	\$ 1,223,590	\$ 1,162,320	\$ 1,430,000	\$ 1,570,300	\$ 140,300	9.8%

	2018 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
Expenditures						
Contracts / Services	\$ 379,000	\$ -	\$ -	\$ -	\$ -	\$ 379,000
Materials / Supplies	250,000	19,000	-	-	-	269,000
Other Expenditures	25,000	-	-	-	-	25,000
Transfers to Other Funds	1,172,100	80,800	-	-	-	1,252,900
Total Expenditures	\$ 1,826,100	\$ 99,800	\$ -	\$ -	\$ -	\$ 1,925,900
Revenues						
User Fees	(281,900)	40,500	-	-	-	(241,400)
Reserves and Reserve Funds	(114,200)	-	-	-	-	(114,200)
Total Revenues	\$ (396,100)	\$ 40,500	\$ -	\$ -	\$ -	\$ (355,600)
Net Budget	\$ 1,430,000	\$ 140,300	\$ -	\$ -	\$ -	\$ 1,570,300

Base Expenditure

- Materials/Supplies comprise of printing and postage costs and increased mainly due to the rise in Canada Post rates.
- Transfer to the Revenue Fund relates to staff in the Corporate & Financial Services Department providing billing, collection, meter management and customer service. The increase is due to inflationary adjustments.
- User Fees decreased by \$40,500 due to a reduction in Ownership Change fees, which is reflective of less activity in the residential resale market than in previous years.

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER – CORPORATE ALLOCATIONS

The Corporate Allocations accounts include Corporate Expenditures and Revenues including investment income. The budgets for these are summarized as follows:

2019 Budget Highlights

	2017 Actuals	Preliminary Actuals at 30-Nov-18	2018 Approved Budget	2019 Draft Budget	Varian (Favourble) / Unfavourable	
Expenditures						
Transfers to Other Funds	1,272,261	1,393,700	1,520,700	1,684,400	163,700	
Total Expenditures	\$ 1,272,261	\$ 1,393,700	\$ 1,520,700	\$ 1,684,400	\$ 163,700	10.8%
Revenues						
Investment Income	(60,000)	-	(60,000)	(60,000)	-	
Other Internal Sources	(1,094,401)	(880,000)	-	-	-	
Total Revenues	\$ (1,154,401)	\$ (880,000)	\$ (60,000)	\$ (60,000)	\$ -	0.0%
Net Budget	\$ 117,860	\$ 513,700	\$ 1,460,700	\$ 1,624,400	\$ 163,700	11.2%

	2018 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
Expenditures						
Transfers to Other Funds	1,520,700	163,700	-	-	-	1,684,400
Total Expenditures	\$ 1,520,700	\$ 163,700	\$ -	\$ -	\$ -	\$ 1,684,400
Revenues						
Investment Income	(60,000)	-	-	-	-	(60,000)
Total Revenues	\$ (60,000)	\$ -	\$ -	\$ -	\$ -	\$ (60,000)
Net Budget	\$ 1,460,700	\$ 163,700	\$ -	\$ -	\$ -	\$ 1,624,400

Base Expenditure

- Corporate Expenditures which accounts for the allocation of corporate overhead is budgeted at \$1,684,400. The allocation relates to provisions for inflationary adjustments, updated general overhead, occupancy costs for administrative time and is offset by the cost of splash pads, \$389,800, charged back to Community Services.

Base Revenue

- Investment income is attributed to the Water and Wastewater Fund cash flow activity. Investment Income is budgeted at \$60,000, consistent with prior year approved budget.

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER ADMINISTRATION

This budget includes staffing and related costs for the administration of Water and Wastewater Services.

2019 Budget Highlights

	2017 Aual	Preliminary Actuals Nov 30, 2018	2018 Approved Budget	2019 Draft Budget	Variance (Favable) / Unfavorable	
Expenditures						
WWW - Admin	\$ 1,526,064	\$ 1,483,202	\$ 1,826,100	\$ 1,940,300	\$ 114,200	
Net Budget	\$ 1,526,	\$ 1,483,202	\$ 1,826,100	\$ 1,940,300	\$ 200	6.3%

	2017 Actual	Preliminary Actuals Nov 30, 2018	2018 Approved Budget	2019 Draft Budget	Variance (Favable) / Unfavorable	
Expenditures						
Personnel - Full-Time	\$ 785,514	\$ 913,591	\$ 1,046,000	\$ 1,137,600	\$ 91,600	
Personnel - Casual	17,744	18,016	16,400	16,400	-	
Contracts / Services	65,484	85,518	78,100	83,100	5,000	
Materials / Supplies	14,565	9,777	12,700	13,000	300	
Transfers to Other Funds	642,757	456,300	672,900	690,200	17,300	
Total Expenditures	\$ 1,526,064	\$ 1,483,202	\$ 1,826,100	\$ 1,940,300	\$ 114,200	6.3%
Net Budget	\$ 1,526,064	\$ 1,483,202	\$ 1,826,100	\$ 1,940,300	\$ 114,200	6.3%

	2018 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
Expenditures						
Personnel - FT	\$ 1,046,000	\$ 91,600	\$ -	\$ -	\$ -	\$ 1,137,600
Personnel - Casual	16,400	-	-	-	-	16,400
Contracts/Services	78,100	5,000	-	-	-	83,100
Materials/Supplies	12,700	-	-	300	-	13,000
Transfers to Other Funds	672,900	17,300	-	-	-	690,200
Total Expenditures	\$ 1,826,100	\$ 113,	\$ -	\$ 300	\$ -	\$ 1,940,300
Net Budget	\$ 1,826,100	\$ 113,	\$ -	\$ 300	\$ -	\$ 1,940,300

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER ADMINISTRATION

Personnel – Full Time

- The \$91,600 increase includes step rate and fixed benefits rate increases.

Contracts/Services

- The Contracts/Services have increased \$5,000 and are composed of the following.

	2018 Approved Budget	2019 Draft Budget	Variance (Favourable) / Unfavourable	Variance breakdown			New/growth Staff & Programs
				Base	Legislated	Annualization	
Consulting Contracts	\$ 14,000	\$ 14,000	\$ -	\$ -	\$ -	\$ -	\$ -
Consulting / Benchmarking Init	30,000	30,000	-	-	-	-	-
Environmental Compliance Cont.	10,000	15,000	5,000	5,000	-	-	-
Vehicle / Equipment Rental	24,100	24,100	-	-	-	-	-
	\$ 78,100	\$ 83,100	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -

The \$5,000 base increase is for effluent sampling and hazardous waste disposal.

Materials/Supplies

\$300 annualization is for Water and Wastewater Operator memberships approved in 2018.

Transfers to Other Funds

- The \$17,300 increase transfer to the revenue fund includes staffing costs allocated to the Information Technology Division and the Administration Division in Public Works Operations. It also includes Fleet chargebacks to Public Works Operations. The increase is based on recommendations from the Water and Wastewater Financial/Rate Study.

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER OPERATIONS

This program area includes staffing, supplies and contracted services related to the maintenance and operation of approximately 1200 km of watermain and sanitary sewer infrastructure.

2019 Budget Highlights

	2017 Actu	Preliminary Actuals Nov 30, 2018	2018 Approved Budget	2019 Draft Budget	Varice (Favable) / Unfavable	
Expenditures						
WWW Operations	\$ 7,044,252	\$ 8,820,713	\$ 8,737,900	\$ 8,904,300	\$ 166,400	
Total Expenditures	\$ 7,044,	\$ 8,820,713	\$ 8,737,900	\$ 8,904,300	\$ 166,400	1.9%
Revenues						
WWW Operations	(2,033,392)	(3,249,069)	(1,494,000)	(1,576,000)	(82,000)	
Total Revenue	\$ (2,033,	\$ (3,249,069)	\$ (1,494,000)	\$ (1,576,000)	\$ (82,000)	5.5%
Net Budget						
WWW Operations	\$ 5,010,860	\$ 5,571,644	7,243,900	7,328,300	84,400	
Net Budget	\$ 5,010,	\$ 5,571,644	\$ 7,243,900	\$ 7,328,300	\$ 84,400	1.2%

	2017 Actual	Preliminary Actuals Nov 30, 2018	2018 Approved Budget	2019 Draft Budget	Variance (Favable) / Unfaourable	
Expenditures						
Personnel - Full-Time	\$ 1,999,566	\$ 1,785,562	\$ 2,130,800	\$ 2,208,600	\$ 77,800	
Personnel - Casual	89,680	56,394	135,500	135,500	-	
Contracts / Services	3,829,673	6,255,434	4,604,700	4,558,400	(46,300)	
Materials / Supplies	391,024	400,713	629,800	629,800	-	
Other Expenditures	16,776	24,510	35,400	34,600	(800)	
Transfers to Other Funds	717,533	298,100	1,201,700	1,337,400	135,700	
Total Expenditures	\$ 7,044,252	\$ 8,820,713	\$ 8,737,900	\$ 8,904,300	\$ 166,400	1.9%
Revenue						
User Fees	(2,032,777)	(3,249,069)	(1,494,000)	(1,576,000)	(82,000)	
Other Internal Sources	(615)	-	-	-	-	
Total Revenue	\$ (2,033,392)	\$ (3,249,069)	\$ (1,494,000)	\$ (1,576,000)	\$ (82,000)	5.5%
Net Budget						
	\$ 5,010,860	\$ 5,571,644	\$ 7,243,900	\$ 7,328,300	\$ 84,400	1.2%

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER OPERATIONS

	2018 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
Expenditures						
Personnel - Full-Time	\$ 2,130,800	\$ 26,900	\$ -	\$ 50,900	\$ -	\$ 2,208,600
Personnel - Casual	135,500	-	-	-	-	135,500
Contracts / Services	4,604,700	11,200	-	(57,500)	-	4,558,400
Materials / Supplies	629,800	-	-	-	-	629,800
Other Expenditures	35,400	-	-	(800)	-	34,600
Transfers to Other Funds	1,201,700	115,200	-	-	20,500	1,337,400
Total Expenditures	\$ 8,737,900	\$ 153,	\$ -	\$ (7,400)	\$ 20,500	\$ 8,904,300
Revenue						
User Fees	\$ (1,494,000)	\$ (82,000)	\$ -	\$ -	\$ -	\$ (1,576,000)
Total Revenue	\$ (1,494,000)	\$ (000)	\$ -	\$ -	\$ -	\$ (1,576,000)
Net Budget	\$ 7,243,900	\$ 71,300	\$ -	\$ (7,400)	\$ 20,500	\$ 7,328,300

Personnel – Full Time

- The \$77,800 Personnel - Full Time includes \$50,900 for the annualization of the Water and Wastewater Operator approved in 2018.

Contracts/Services

- The Contracts/Services have decreased by \$46,300 and are composed of the following.

	2018 Approved Budget	2019 Draft Budget	Variance (Favourable) / Unfavourable	Variance breakdown			New/growth Staff & Programs
				Base	Legislated	Annualization	
Insurance	\$ 561,500	\$ 572,700	\$ 11,200	\$ 11,200	\$ -	\$ -	\$ -
Infill Service Connections	1,100,000	1,100,000	-	-	-	-	-
Ontario 1 Call Locates	20,000	20,000	0	0	-	-	-
Water	1,336,200	1,336,200	-	-	-	-	-
Sewer	1,587,000	1,529,500	(57,500)	-	-	(57,500)	0
Total	\$ 4,604,700	\$ 4,558,400	\$ (46,300)	\$ 11,200	\$ -	\$ (57,500)	\$ -

The \$11,200 base increase is for insurance premiums.

The \$57,500 savings in annualization reflects efficiencies created by the Water and Wastewater Operator position approved in 2018. Work will be performed by staff in-house instead of outsourcing.

TOWN OF RICHMOND HILL

2019 Draft Budget

WATER & WASTEWATER SERVICES

WATER & WASTEWATER OPERATIONS

Materials/Supplies

- The Materials/Supplies are composed of the following.

				Variance breakdown			
	2018 Approved Budget	2019 Draft Budget	Variance (Favourable) / Unfavourable	Base	Legislated	Annualization	New/growth Staff & Programs
Water	\$ 294,600	\$ 294,600	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer	196,500	196,500	-	-	-	-	-
Hydro	33,300	33,300	-	-	-	-	-
Training & Tuition	78,600	78,200	(400)	-	-	(400)	-
Uniforms /Clothing	23,400	23,800	400	-	-	400	-
Other	3,400	3,400	-	-	-	-	-
	\$ 629,800	\$ 629,800	\$ -	\$ -	\$ -	\$ -	\$ -

Other Expenditures

- The \$800 decrease reflects the annualization of minor capital for the Water and Wastewater Operator position approved in 2018.

Transfers to Other Funds

- The \$135,700 increase includes the base transfers of \$115,200 to the revenue fund for existing staffing costs and \$20,500 for the growth related Corporate Asset Management Project Manager allocated to the Environment & Infrastructure Services Department. It also includes the Fleet chargeback to Public Works Operations.

User Fees

- The user fees have increased by \$82,000 and are composed of the following.

				Variance breakdown			
	2018 Approved Budget	2019 Draft Budget	Variance (Favourable) / Unfavourable	Base	Legislated	Annualization	New/growth Staff & Programs
Water Service On/Off Charges	\$ (70,000)	\$ (70,000)	\$ -	\$ -	\$ -	\$ -	\$ -
Water Service Contract - Res.	(679,000)	(709,000)	(30,000)	(30,000)	-	-	-
Sewer Blocked Lateral Fees	(30,000)	(30,000)	0	0	-	-	-
WWW Sundries Recovery	(6,000)	(6,000)	0	0	-	-	-
Sewer Service Contract - Res.	(414,000)	(474,000)	(60,000)	(60,000)	-	-	-
Storm Sewer Serv. Contract - Res	(247,000)	(287,000)	(40,000)	(40,000)	-	-	-
Other Rev from Developer	(48,000)	0	48,000	48,000	-	-	-
	\$ (1,494,000)	\$ (1,576,000)	\$ (82,000)	\$ (82,000)	\$ -	\$ -	\$ -

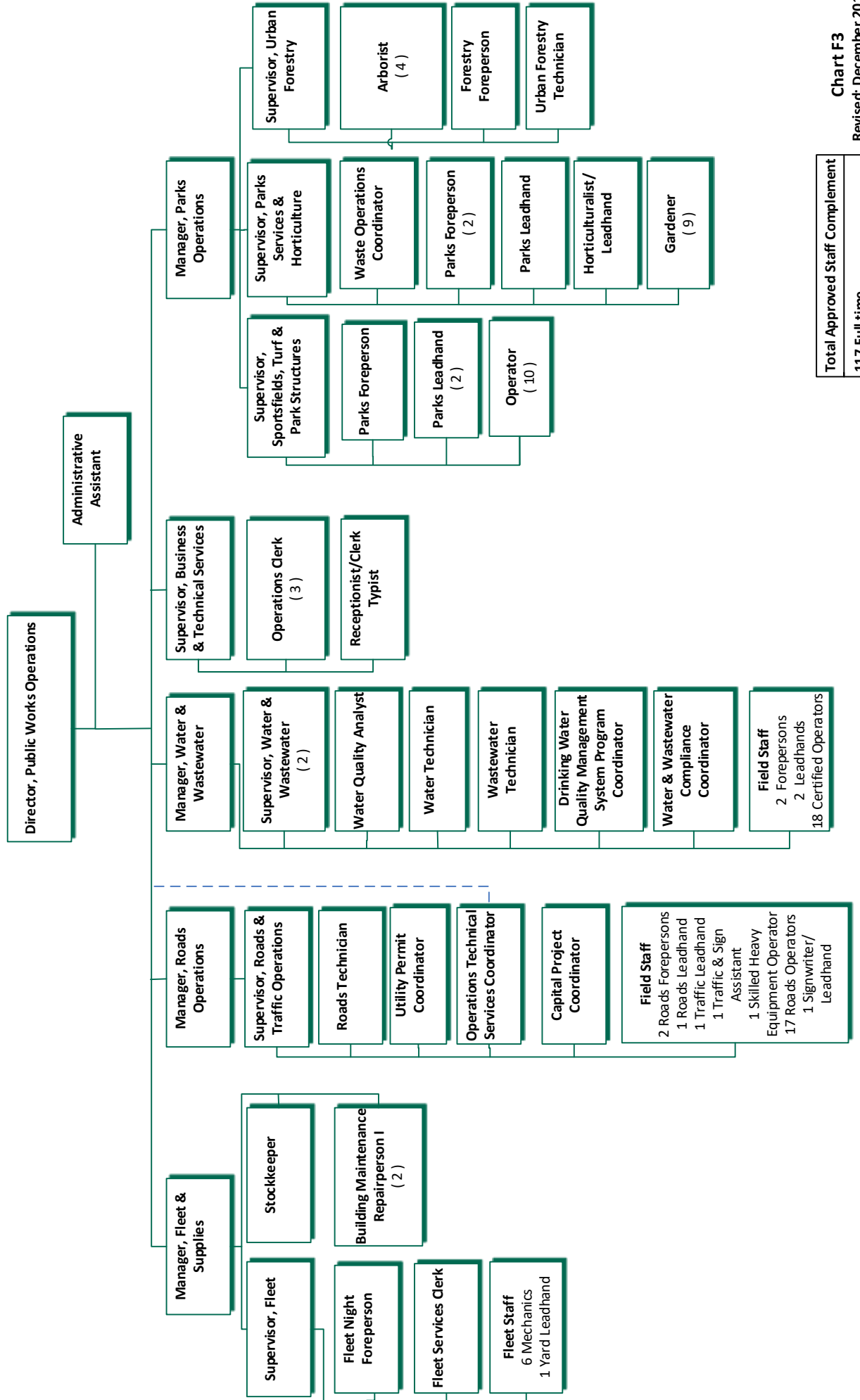
The \$82,000 base increase is as a result of the projected increase in residential servicing applications, slightly offset by the removal of recoveries from developers as emergency repairs are performed in-house.



TOWN OF RICHMOND HILL

Community Services – Public Works Operations

Organizational Chart



Total Approved Staff Complement
117 Full time

TOWN OF RICHMOND HILL

2019 Draft Budget

STORMWATER MANAGEMENT SERVICES

OVERVIEW

Depending on the season, stormwater comes from rain and from melting snow. It flows into storm sewers, and in some areas to stormwater management ponds. Ponds hold back stormwater and release it slowly into natural streams and rivers. Richmond Hill currently owns and operates more than 82 Storm Water Facilities, 531 kilometres of storm sewers and 16,608 catch basins, and manages more than 150 kilometres of streams and rivers. This program area includes both internal resources and contracted services to perform preventative and corrective maintenance on 531 kilometres of storm sewer and 99 oil and grit separators. Stormwater is different from wastewater, which flows into sanitary sewers from household drains. By managing stormwater, Richmond Hill reduces erosion and flooding, protecting both the community and municipal infrastructure, like roads, sidewalks and trails.

Richmond Hill's stormwater system requires ongoing maintenance, including periodic repair and replacement. Ponds, storm sewers and catch basins are more likely to perform poorly if they are not maintained properly. Planning for repair and replacement will help to avoid costly and inconvenient situations like washed-out roads and trails, stream erosion or flooding. This is a problem faced not only in Richmond Hill but in other municipalities across Canada.

This presentation summarizes the Stormwater program that is distributed through four departments:

- **Environmental & Infrastructure Services** – major repair and reconstruction of infrastructure (part of Capital program).
- **Community Services** – maintains & operates almost 1200 km of watermain and sanitary sewer infrastructure, along with storm sewers and stormwater ponds.
- **Corporate & Financial Services** – billings, collections, maintains water meters
- **Office of the CAO** – deals with service enquiries through Access Richmond Hill

TOWN OF RICHMOND HILL

2019 Draft Budget

STORMWATER MANAGEMENT SERVICES

OVERVIEW - Continued

The Stormwater Management rate provides dedicated funding for stormwater management in Richmond Hill, and is used to plan for long-term upkeep of the stormwater system. Richmond Hill's stormwater system (ponds, storm sewers, catch basins, etc.) requires ongoing maintenance, including periodic repair and replacement. Ponds, storm sewers and catch basins are more likely to perform poorly if they are not maintained properly. Planning for repair and replacement will help to avoid costly and inconvenient situations like washed-out roads and trails, stream erosion or flooding. The Stormwater Management Financial/Rate Study, completed in 2017, identified greater staff efforts towards the stormwater system than was previously noted in 2013 when the service review was first completed in establishing dedicated rates.

The municipality must ensure the stormwater system is operating in accordance with various acts, regulations and approvals provided by federal, provincial and local authorities including the Ontario Ministry of Environment and Toronto and Region Conservation Authority.

2019 Budget Highlights

	2017 Actuals	Preliminary Actuals at 30-Nov-18	2018 Approve Budget	2019 Draft Budget	Variance (Favable) / Unfavorable	
Expenditures						
Contracts / Services	\$ 398,234	\$ 272,469	\$ 765,200	\$ 765,200	\$ -	
Materials / Supplies	-	60,320	57,400	102,400	45,000	
Transfers to Other Funds	3,117,510	2,778,020	3,025,100	3,363,400	338,300	
Total Expenditures	\$ 3,515,744	\$ 3,110,808	\$ 3,847,700	\$ 4,231,000	\$ 383,300	10.0%
Revenues						
User Fees	(3,290,744)	(3,168,534)	(3,622,700)	(4,006,000)	(383,300)	
Reserves and Reserve Funds	(225,000)	-	(225,000)	(225,000)	-	
Total Revenues	\$ (3,515,744)	\$ (3,168,534)	\$ (3,847,700)	\$ (4,231,000)	\$ (383,300)	10.0%
Net Budget	\$ 0	\$ (57,726)	\$ -	\$ -	\$ -	

	2018 Approved Budget	Base	Legislated	Annualization	New / Growth Staff & Programs	2019 Draft Budget
Expenditures						
Contracts / Services	\$ 765,200	\$ -	-	\$ -	\$ -	\$ 765,200
Materials / Supplies	57,400	45,000	-	-	-	102,400
Transfers to Other Funds	3,025,100	338,300	-	-	-	3,363,400
Total Expenditures	\$ 3,847,700	\$ 383,300	\$ -	\$ -	\$ -	\$ 4,231,000
Revenues						
User Fees	(3,622,700)	(383,300)	-	-	-	(4,006,000)
Reserves and Reserve Funds	(225,000)	-	-	-	-	(225,000)
Total Revenues	\$ (3,847,700)	\$ (383,300)	\$ -	\$ -	\$ -	\$ (4,231,000)
Net Budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOWN OF RICHMOND HILL

2019 Draft Budget

STORMWATER MANAGEMENT SERVICES

OVERVIEW – Continued

Rate History

The Stormwater Management rate was initially adopted by Council in 2013. The basis of the rate was presented in the *Stormwater Management Financing Feasibility Study (SRCFS.13.007)*. This study was updated in 2017 and it was determined that stormwater services required greater staffing efforts and increased capital and infrastructure needs. However, until a more equitable rate level allocation is determined (in 2019 for 2020 implementation), the proposed 2019 budget reflects a 9% rate increase to be consistent with prior year increases.

The following table shows the historical annualized rates:

Year	Residential		Non-Res., Multi-Res. & Condominiums	
	Annual Rate (billed quarterly)	% Inc.	Annual Rate (billed bi-monthly)	% Inc.
2016	57.10	9.0%	165.89	9.0%
2017	62.24	9.0%	180.82	9.0%
2018	67.84	9.0%	197.10	9.0%
2019	\$ 73.95	9.0%	\$ 214.83	9.0%

TOWN OF RICHMOND HILL

2019 Draft Budget

STORMWATER MANAGEMENT SERVICES

OVERVIEW – Continued

Budget Change Explanation	2018 Budget	2019 Budget	Incremental Change	% change over prior year	Explanation
2018 Net Budget			\$ -		
Base					
<u>Expenditures</u>					
<u>Materials/Supplies</u>					
<u>Stormwater Operations</u>					
Stormsewer	-	45,000	45,000		Related to the repair and maintenance of storm infrastructure
<u>Transfers to Reserve Funds</u>					
Transfer to Water Quality Protection Reserve Fund	1,734,200	1,859,800	125,600	7.2%	Increase to Water Quality Protection Reserve Fund for Stormwater Management related infrastructure
Contribution to Operating Fund	1,290,900	1,503,600	212,700	16.5%	Increase to Stormwater operating costs in the Operating Fund
Total Expenditure			\$ 383,300		
<u>Revenues</u>					
<u>Storm Water Management</u>					
User Rate	(3,622,700)	(4,006,000)	(383,300)	10.6%	Reflects a 9% Stormwater Management rate increase as well as an increase in the number of properties
Total Revenues			\$ (383,300)		
Base Budget			\$ -		
Incremental Change			\$ -		
2019 Net Budget			\$ -		

TOWN OF RICHMOND HILL

2019 Draft Budget

STORMWATER MANAGEMENT SERVICES

STORMWATER MANAGEMENT

The Stormwater Management Rate is a charge that applies to developed and undeveloped land as stormwater runs off both types of land. For residents and businesses on Town water, the stormwater rate is applied directly to the water bill. Residents and businesses who are not on Town water will receive an annual bill for the Stormwater Management Rate. The funds provide a dedicated sustainable funding source for long-term upkeep of the stormwater system in Richmond Hill.

2019 Budget Highlights

	2017 Actuals	Preliminary Actuals at 30-Nov-18	2018 Approve Budget	2019 Draft Budget	Varice (Favourble) / Unfavourble	
Expenditures						
Contribution to Operating Fund	\$ 1,722,539	\$ 1,183,600	\$ 1,290,900	\$ 1,503,600	\$ 212,700	
Transfers to Water Quality Reserve Fund	1,383,600	1,589,500	1,734,200	1,859,800	125,600	
Write-off Storm Water Fee Res	11,043	4,803	-	-	-	
Write-off Storm Water Fee Non-Res	329	117	-	-	-	
Total Expenditures	\$ 3,117,510	\$ 2,778,020	\$ 3,025,100	\$ 3,363,400	\$ 338,300	11.2%
Revenues						
User Fees	(3,290,744)	(3,168,534)	(3,622,700)	(4,006,000)	(383,300)	
Total Revenues	\$ (3,290,744)	\$ (3,168,534)	\$ (3,622,700)	\$ (4,006,000)	\$ (300)	10.6%
Net Budget	\$ (173,234)	\$ (390,514)	\$ (597,600)	\$ (642,600)	\$ (45,000)	7.5%

	2018 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
Expenditures						
Contribution to Operating Fund	\$ 1,290,900	\$ 212,700	\$ -	\$ -	\$ -	\$ 1,503,600
Transfers to Water Quality Reserve Fund	1,734,200	125,600	-	-	-	1,859,800
Total Expenditures	\$ 3,025,100	\$ 338,300	\$ -	\$ -	\$ -	\$ 3,363,400
Revenues						
User Fees	(3,622,700)	(383,300)	-	-	-	(4,006,000)
Total Revenues	\$ (3,622,700)	\$ (383,300)	\$ -	\$ -	\$ -	\$ (4,006,000)
Net Budget	\$ (597,600)	\$ (45,000)	\$ -	\$ -	\$ -	\$ (642,600)

TOWN OF RICHMOND HILL

2019 Draft Budget

STORMWATER MANAGEMENT SERVICES

STORMWATER MANAGEMENT – Continued

Base Expenditure

- Contribution to Operating Fund represents stormwater operating costs incurred through the tax rate budget.
- Transfer to the Water Quality Protection Reserve Fund is the net amount available to allocate to the Water Quality Protection Reserve Fund after factoring in stormwater related revenues and expenditures. A lifecycle replacement study was reported in 2013 that identified and recommended amounts for future infrastructure renewal.

Base Revenues

- The 2019 budget proposes a 9% increase as part of the continued phase-in strategy to eventual full stormwater infrastructure funding sustainability.

TOWN OF RICHMOND HILL

2019 Draft Budget

STORMWATER MANAGEMENT SERVICES

STORMWATER OPERATIONS

This program area includes staffing, supplies and contracted services required to support the maintenance and operation of 531 km of storm sewer, 99 oil grit separators and 82 stormwater management facilities, of which 23 are dry ponds and the balance are either wet ponds (the majority of them) or flood control structures.

2019 Budget Highlights

	2017 Actual	Preliminary Actuals Nov 30, 2018	2018 Approved Budget	2019 Draft Budget	Variance (Favourable)/ Unfavourable	
Expenditures						
Stormwater Management	\$ 398,234	\$ 332,788	\$ 822,600	\$ 867,600	\$ 45,000	
Total Expenditures	\$ 398,234	\$ 332,788	\$ 822,	\$ 867,600	\$ 45,000	5.5%
Revenue						
Stormwater Management	(225,000)	-	(225,000)	(225,000)	-	
Total Revenue	\$ (225,000)	\$ -	\$ (225,	\$ (225,000)	\$ -	0.0%
Net Budget						
Stormwater Management	\$ 173,234	\$ 332,788	\$ 597,600	\$ 642,600	\$ 45,000	
Net Budget	\$ 173,234	\$ 332,788	\$ 597,	\$ 642,600	\$ 45,000	7.5%

	2017 Actual	Preliminary Actuals Nov 30, 2018	2018 Approved Budget	2019 Draft Budget	Variance (Favourable)/ Unfavourable	
Expenditures						
Contracts / Services	\$ 398,234	\$ 272,469	\$ 765,200	\$ 765,200	\$ -	
Materials / Supplies	-	60,320	57,400	102,400	45,000	
Total Expenditures	\$ 398,234	\$ 332,788	\$ 822,600	\$ 867,600	\$ 45,000	5.5%
Revenue						
Reserves and Reserve Funds	(225,000)	-	(225,000)	(225,000)	-	
Total Revenue	\$ (225,000)	\$ -	\$ (225,000)	\$ (225,000)	\$ -	0.0%
Net Budget						
Net Budget	\$ 173,234	\$ 332,788	\$ 597,600	\$ 642,600	\$ 45,000	7.5%

TOWN OF RICHMOND HILL

2019 Draft Budget

STORMWATER MANAGEMENT SERVICES

STORMWATER OPERATIONS

	2018 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
Expenditures						
Contracts / Services	\$ 765,200	\$ -	\$ -	\$ -	\$ -	\$ 765,200
Materials / Supplies	57,400	45,000	-	-	-	102,400
Transfers to Other Funds	-	-	-	-	-	-
Total Expenditures	\$ 822,600	\$ 45,000	\$ -	\$ -	\$ -	\$ 867,600
Revenue						
Reserves and Reserve Funds	(225,000)	-	-	-	-	(225,000)
Total Revenue	\$ (225,000)	\$ -	\$ -	\$ -	\$ -	\$ (225,000)
Net Budget	\$ 597,600	\$ 45,000	\$ -	\$ -	\$ -	\$ 642,600

Contracts/Services

- The Contracts/Services are composed of the following.

	2018 Approved Budget	2019 Draft Budget	Variance (Favourable)/ Unfavourable	Variance breakdown			New/growth Staff & Programs
				Base	Legislated	Annualization	
Consulting Benchmarking Initiative	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -
Stormsewer	290,000	290,000	-	-	-	-	-
Stormwater - OGS	24,200	24,200	-	-	-	-	-
Stormwater ponds	47,500	47,500	-	-	-	-	-
Drainage	393,500	393,500	-	-	-	-	-
Total	\$ 765,200	\$ 765,200	\$ -	\$ -	\$ -	\$ -	\$ -

Materials/Supplies

- The Materials/Supplies have increased by \$45,000 and are composed of the following.

	2018 Approved Budget	2019 Draft Budget	Variance (Favourable)/ Unfavourable	Variance breakdown			New/growth Staff & Programs
				Base	Legislated	Annualization	
Drainage	\$ 57,400	\$ 57,400	\$ -	\$ -	\$ -	\$ -	\$ -
Stormsewer	-	45,000	45,000	45,000	-	-	-
Total	\$ 57,400	\$ 102,400	\$ 45,000	\$ 45,000	\$ -	\$ -	\$ -

The \$45,000 increase is related to the repairs and maintenance to storm infrastructure.

Reserve and Reserve Funds

- The \$225,000 Storm Sewer Preventative Maintenance Program is fully funded from the Water Quality Protection Reserve Fund.