


**CITY OF RICHMOND HILL**  
**2020 Draft Operating Budget**

**WATER, WASTEWATER & STORMWATER MANAGEMENT SERVICES**

2020 Draft Budget Submitted and Reviewed by:



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# **CITY OF RICHMOND HILL**

## **2020 Draft Budget**

### **WATER, WASTEWATER & STORMWATER MANAGEMENT SERVICES**

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# **CITY OF RICHMOND HILL**

## **2020 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 City 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 City a wholesale rate and the City passes on these costs to the residents and businesses at a combined retail rate.

The 2020 Draft Water & Wastewater Operating Budget reflects the principles of the updated 10-year Water & Wastewater Financial Plan adopted by Council in 2018 as a requirement of the *Safe Drinking Water Act, 2002, Ontario Regulation 453/07*. The updated plan indicated that:

- a) The City'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 City'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 City Manager** – deals with service enquiries through Access Richmond Hill

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER SUMMARY

##### 2020 Budget Highlights

	2018 Actual	Preliminary Actuals at 31-Oct-19	2019 Approve Budget	2020 Draft Budget	Variance (Favourable / Unfavourable)	
<b>Expenditures</b>						
Personnel - Full-Time	\$ 3,071,894	\$ 2,678,112	\$ 3,346,200	\$ 3,389,700	\$ 43,500	
Personnel - Casual	78,642	97,090	151,900	151,900	-	
Water - Regional Charges	22,075,147	11,019,490	25,360,400	26,278,000	917,600	
Wastewater - Regional Charges	34,373,332	16,907,403	37,673,900	39,869,000	2,195,100	
Water & Wastewater Discount	302,511	-	-	-	-	
Contracts / Services	7,981,142	3,230,101	5,020,500	4,969,100	(51,400)	
Materials / Supplies	794,705	636,497	911,800	911,800	-	
Other Expenditures	68,346	44,962	59,600	59,600	-	
Transfers to Other Funds	12,256,587	10,551,150	13,752,500	14,347,700	595,200	
<b>Total Expenditures</b>	<b>\$ 81,002,306</b>	<b>\$ 45,164,805</b>	<b>\$ 86,276,800</b>	<b>\$ 89,976,800</b>	<b>\$ 3,700,</b>	<b>4.3%</b>
<b>Revenues</b>						
Water Supply Revenue	(295,670)	(71,885)	(85,200)	(85,200)	-	
Water & Wastewater Revenue	(76,302,556)	(60,087,997)	(84,200,000)	(87,441,800)	(3,241,800)	
User Fees	(3,300,603)	(2,460,385)	(1,817,400)	(1,875,600)	(58,200)	
Investment Income	(60,000)	-	(60,000)	(60,000)	-	
Reserves and Reserve Funds	(1,043,478)	(23,207)	(114,200)	(114,200)	-	
Other Internal Sources	-	-	-	(400,000)	(400,000)	
<b>Total Revenues</b>	<b>\$ (81,002,307)</b>	<b>\$ (62,643,474)</b>	<b>\$ (86,276,800)</b>	<b>\$ (89,976,800)</b>	<b>\$ (3,700,</b>	<b>4.3%</b>
<b>Net Budget</b>	<b>\$ -</b>	<b>\$ (17,478,670)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>

	2019 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2020 Draft Budget
<b>Expenditures</b>						
Personnel - Full-Time	\$ 3,346,200	\$ 43,500	\$ -	\$ -	\$ -	\$ 3,389,700
Personnel - Casual	151,900	-	-	-	-	151,900
Water - Regional Charges	25,360,400	917,600	-	-	-	26,278,000
Wastewater - Regional Charges	37,673,900	2,195,100	-	-	-	39,869,000
Water & Wastewater Discount	-	-	-	-	-	-
Contracts / Services	5,020,500	(51,400)	-	-	-	4,969,100
Materials / Supplies	911,800	-	-	-	-	911,800
Other Expenditures	59,600	-	-	-	-	59,600
Transfers to Other Funds	13,752,500	595,200	-	-	-	14,347,700
<b>Total Expenditures</b>	<b>\$ 86,276,</b>	<b>\$ 3,700,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 89,976,800</b>
<b>Revenues</b>						
Water Supply Revenue	(85,200)	-	-	-	-	(85,200)
Water & Wastewater Revenue	(84,200,000)	(3,241,800)	-	-	-	(87,441,800)
User Fees	(1,817,400)	(58,200)	-	-	-	(1,875,600)
Investment Income	(60,000)	-	-	-	-	(60,000)
Reserves and Reserve Funds	(114,200)	-	-	-	-	(114,200)
Other Internal Sources	-	(400,000)	-	-	-	(400,000)
<b>Total Revenues</b>	<b>\$ (86,276,</b>	<b>\$ (3,700,000)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (89,976,800)</b>
<b>Net Budget</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER SUMMARY – Continued

#### 2020 Budget Summary

	2018 Actual	Preliminary Actuals at 31-Oct-19	2019 Approved Budget	2020 Draft Budget	Variance (Favourable) / Unfavourable
<b>Net Revenues</b>					
Water & Wastewater Revenues	\$ (76,000,045)	\$ (60,087,997)	\$ (84,200,000)	\$ (87,441,800)	\$ (3,241,800)
Water Services Supply	21,779,477	10,947,605	25,275,200	26,192,800	917,600
Wastewater Services Supply	34,373,332	16,907,403	37,673,900	39,869,000	2,195,100
	<b>(19,847,235)</b>	<b>(32,232,989)</b>	<b>(21,250,900)</b>	<b>(21,380,000)</b>	<b>(129,100)</b>
<b>Maintenance &amp; Operations</b>	<b>10,228,653</b>	<b>4,914,404</b>	<b>9,268,600</b>	<b>9,302,300</b>	<b>33,700</b>
<b>Corporate Allocations</b>					
Financial Services	1,269,192	1,113,248	1,570,300	1,514,400	(55,900)
Corporate Expenditures	1,486,006	1,728,500	2,074,200	2,303,400	229,200
Corporate Revenues	(940,000)	-	(60,000)	(460,000)	(400,000)
Transfer to R&R Reserve Funds	7,803,384	6,998,167	8,397,800	8,719,900	322,100
	<b>9,618,582</b>	<b>9,839,915</b>	<b>11,982,300</b>	<b>12,077,700</b>	<b>95,400</b>
<b>Net Budget</b>	<b>\$ -</b>	<b>\$ (17,478,670)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

This table reflects proposed net budgets. The total Water & Wastewater net expenditure budget for 2020 is almost \$90.0 million (4.3% increase from 2019). Approximately 73% of the total expenditure budget is for the acquisition of Water & Wastewater services from the Region (\$66.1 million). The remaining 27% is for City Services (i.e. Maintenance & Operations, Revenue billings, collections, meter repairs, reserve fund contributions, and corporate overhead allocations). Also about 97% of the City's total expenditure is funded from the combined retail rate with the remaining 3% coming from reserves, reserve funds, and other user charges.

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER SUMMARY – Continued

##### Rate History

A 1% Water & Wastewater rate increase generates \$631,900 greater revenues. The 2020 Draft Water & Wastewater Budget proposes a 7.5% combined retail rate increase effective April 1, 2020, consistent with Council approved Water/Wastewater Financial Plan in 2018. The budget includes the following:

- a) A proposed combined wholesale rate increase of 7.5% (effective April 1, 2020) 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>City Retail Rate</u>					
	Water	% Inc.	Wastewater	% Inc.	Combined	% Inc.	Water	% Inc.	Wastewater	% Inc.	Combined	% Inc.
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	1.2178	10.2%	1.8565	8.2%	3.0743	9.0%	1.9667	7.5%	2.7757	7.5%	4.7424	7.5%
<b>2020</b>	<b>1.3274</b>	<b>9.0%</b>	<b>2.0236</b>	<b>9.0%</b>	<b>3.3510</b>	<b>9.0%</b>	<b>2.1140</b>	<b>7.5%</b>	<b>2.9840</b>	<b>7.5%</b>	<b>5.0980</b>	<b>7.5%</b>

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

The table below shows York Region's existing forecast of Wholesale rates to achieve full cost recovery pricing. The Region is reviewing this forecast in 2020.

<b>Wholesale Rate Increases April 1 of Each</b>	
2019	9.0%
2020	9.0%
2021	2.9%
2022	2.9%

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER SUMMARY – Continued

Budget Change Explanation	2019 Budget	2020 Budget	Incremental Change	Explanation
<b>2019 Net Budget</b>			\$ -	
<b>Base</b>				
<b>Personnel</b>				
<u>Corporate Expenses &amp; Revenues</u>				
Personnel Contingency Account	-	49,400	49,400	To reflect provision for negotiated settlements
<u>WWW Operations</u>				
Staff Costs - Full Time Salaries & Benefits	3,346,200	3,340,300	(5,900)	Step rate increases offset by decrease in benefits rate
<b>Contracts/Services</b>				
<u>Financial Services</u>				
Meter Testing	140,200	88,800	(51,400)	Efficiencies gained from new handheld meter reading technology
<u>Water &amp; Wastewater Supply</u>				
Water - Regional Charge	25,119,900	26,039,400	919,500	Increased due to 9.0% wholesale water rate increase
Water - Town Use	103,000	106,000	3,000	City's own use of water separated from regional charge
Write-offs: Residential	137,500	132,600	(4,900)	Based on anticipated decreases in write-offs
Regional Charge Sewer Treatment	37,521,900	39,696,300	2,174,400	Increased due to 9.0% wholesale water rate increase
Wastewater -Town Use	152,000	172,700	20,700	City's own use of wastewater separated from regional charge
<b>Transfer to Other Fund</b>				
<u>WWW Operations</u>				
Transfer to PWO	102,000	113,800	11,800	Based on the WWW financial model and indexed costs
Transfer to Fleet	1,063,000	1,034,500	(28,500)	Based on the WWW financial model and indexed costs
Transfer to IT	396,900	404,800	7,900	Based on the WWW financial model and indexed costs
Transfer to EIS	465,700	545,400	79,700	Based on the WWW financial model and indexed costs
<u>Financial Services Allocation</u>				
Transfer to Revenue Fund	1,252,900	1,275,300	22,400	Increased to reflect inflationary pressures
<u>Corporate Allocation</u>				
Contribution to Revenue Fund	2,074,200	2,254,000	179,800	Transfer to operating fund to reflect inflationary pressures and allocation of time spent on WWW.
<u>Transfer to Reserves &amp; Reserve Funds</u>				
Transfer to Repair & Replacement Reserve Fund	8,397,800	8,719,900	322,100	Increased to reflect growth in WWW related infrastructure as updated in life cycle analysis
		<b>Total Expenditures</b>	<b>3,700,000</b>	
<b>Revenue</b>				
<b>Water &amp; Wastewater - Revenue</b>				
<u>Water &amp; Wastewater Supply &amp; Revenue</u>				
Water & Wastewater - Revenue	(84,200,000)	(87,441,800)	(3,241,800)	Reflects a 7.5% blended increase in combined retail rate and anticipated volume
<b>User Fees</b>				
<u>Financial Services Allocation</u>				
Ownership Change Fee	(140,000)	(162,000)	(22,000)	Based on Tariff of Fees update
Water Collection Charge	(85,100)	(90,000)	(4,900)	Based on Tariff of Fees update
<u>WWW Operations</u>				
Water Services Contract	(1,470,000)	(1,501,300)	(31,300)	Based on Tariff of Fees update
<b>Other Internal Sources</b>				
<u>Corporate Expenses &amp; Revenues</u>				
Recovery from Stormwater	-	(400,000)	(400,000)	Stormwater operating costs expended through WWW Services
		<b>Total Revenues</b>	<b>(3,700,000)</b>	
<b>Total Base Budget</b>			\$ -	
			<b>Incremental Change</b>	\$ -
			<b>2020 Net Budget</b>	\$ -

# CITY OF RICHMOND HILL

## 2020 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 City at the combined retail rate.

#### 2020 Budget Highlights

	2018 Actual	Preliminary Actuals at 31-Oct-19	2019 Approved budget	2020 Draft Budget	Varian (Favoura) / Unfavourble	
<b>Expenditures</b>						
Water - Regional Charges	\$ 22,075,147	\$ 11,019,490	\$ 25,360,400	\$ 26,278,000	\$ 917,600	
Wastewater - Regional Charges	34,373,332	16,907,403	37,673,900	39,869,000	2,195,100	
Water & Wastewater Discount	302,511	-	-	-	-	
<b>Total Expenditures</b>	<b>\$ 56,750,990</b>	<b>\$ 27,926,</b>	<b>\$ 63,034,300</b>	<b>\$ 66,147,000</b>	<b>\$ 3,112,</b>	<b>4.9%</b>
<b>Revenues</b>						
Water Supply Revenue	(295,670)	(71,885)	(85,200)	(85,200)	-	
Water & Wastewater Revenue	(76,302,556)	(60,087,997)	(84,200,000)	(87,441,800)	(3,241,800)	
<b>Total Revenues</b>	<b>\$(76,598,226)</b>	<b>\$ (60,159,</b>	<b>\$ (84,285,200)</b>	<b>\$ (87,527,000)</b>	<b>\$ (3,241,</b>	<b>3.8%</b>
<b>Net Budget</b>	<b>\$(19,847,235)</b>	<b>\$ (32,232,</b>	<b>\$ (21,250,900)</b>	<b>\$ (21,380,000)</b>	<b>\$ (129,</b>	<b>0.6%</b>

	2019 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2020 Draft Budget
<b>Expenditures</b>						
Water - Regional Charges	\$ 25,360,400	\$ 917,600	\$ -	\$ -	\$ -	\$ 26,278,000
Wastewater - Regional Charges	37,673,900	2,195,100	-	-	-	39,869,000
Water & Wastewater Discount	-	-	-	-	-	-
<b>Total Expenditures</b>	<b>\$ 63,034,300</b>	<b>\$ 3,112,</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 66,147,000</b>
<b>Revenues</b>						
Water Supply Revenue	(85,200)	-	-	-	-	(85,200)
Water & Wastewater Revenue	(84,200,000)	(3,241,800)	-	-	-	(87,441,800)
<b>Total Revenues</b>	<b>\$(84,285,200)</b>	<b>\$ (3,241,</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (87,527,000)</b>
<b>Net Budget</b>	<b>\$(21,250,900)</b>	<b>\$ (129,</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (21,380,000)</b>

#### Base Expenditure

- The Region of York will be passing on a combined 9.0% wholesale rate increase for provision of water and wastewater treatment services effective April 1, 2020.
- The increase in Water and Wastewater Regional Charges reflect January to March 2020 billings from Region of York at the 2019 rate and April to December at the 2020 rate, and are based on forecasted volumes maintained at 2019 levels. In addition, provision for write offs are taken into account in the increase.
- In 2020 the combined Water and Wastewater volumes are forecasted to be 20,000,000 (2019 budget – 20,885,505) cubic metres, based on previous years' experience.



# CITY OF RICHMOND HILL

## 2020 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, 2020 (2019 – increased by 7.5%).
- The table below shows historical and projected volumes:

##### Water Volumes (m<sup>3</sup>)

Year	Budget	Actual	Variance
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	20,279,343	(873,879)
2019	20,885,505	19,524,000 *	(1,361,505)
2020	20,000,000	-----	-----

\* Estimate

- 2019 actuals of 19,524,000 cubic metres includes actuals up to October 31, 2019 and forecasts for November and December 2019.

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER – TRANSFERS TO RESERVES & RESERVE FUNDS

##### 2020 Budget Highlights

	2018 Actual	Preliminary Actuals at 31-Oct-19	2018 Approved Budget	2019 Draft Budget	Variance (Favourable / Unfavourable)	
<b>Expenditures</b>						
Transfer to Water Rate Stabilization Reserve	\$ 396,584	\$ 600,167	\$ 720,200	\$ 400,000	\$ (320,200)	
Transfer to Repair & Replacement Reserve Funds	7,406,800	6,398,000	7,677,600	8,319,900	642,300	
<b>Net Budget</b>	<b>\$ 7,803,384</b>	<b>\$ 6,998,167</b>	<b>\$ 8,397,800</b>	<b>\$ 8,719,900</b>	<b>\$ 322,100</b>	<b>3.8%</b>
	<b>2019 Approved Budget</b>	<b>Base</b>	<b>Legislated</b>	<b>Annualization</b>	<b>New/Growth Staff &amp; Programs</b>	<b>2019 Draft Budget</b>
<b>Expenditures</b>	\$ 720,200	\$ (320,200)	\$ -	\$ -	\$ -	\$ 400,000
Transfer to Water Rate Stabilization Reserve	7,677,600	642,300	-	-	-	8,319,900
Transfer to Repair & Replacement Reserve Funds	<b>\$ 8,397,800</b>	<b>\$ 322,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,719,900</b>
<b>Net Budget</b>						

##### 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.

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER – FINANCIAL SERVICES ALLOCATIONS

##### 2020 Budget Highlights

	2018 Actual	Preliminary Actuals at 31-Oct-19	2019 Approve Budget	2020 Draft Budget	Varice (Favourble) / Unfavourable	
<b>Expenditures</b>						
Contracts / Services	\$ 363,743	\$ 75,570	\$ 379,000	\$ 327,600	\$ (51,400)	
Materials / Supplies	251,093	196,980	269,000	269,000	-	
Other Expenditures	21,524	16,907	25,000	25,000	-	
Transfers to Other Funds	1,172,100	1,044,083	1,252,900	1,275,300	22,400	
<b>Total Expenditures</b>	<b>\$ 1,808,460</b>	<b>\$ 1,333,540</b>	<b>\$ 1,925,900</b>	<b>\$ 1,896,900</b>	<b>\$ (900)</b>	<b>(1.5%)</b>
<b>Revenues</b>						
User Fees	(375,790)	(197,085)	(241,400)	(268,300)	(26,900)	
Reserves and Reserve Funds	(163,478)	(23,207)	(114,200)	(114,200)	-	
<b>Total Revenues</b>	<b>\$ (539,268)</b>	<b>\$ (220,292)</b>	<b>\$ (355,)</b>	<b>\$ (382,500)</b>	<b>\$ (900)</b>	<b>7.6%</b>
<b>Net Budget</b>	<b>\$ 1,269,192</b>	<b>\$ 1,113,248</b>	<b>\$ 1,570,300</b>	<b>\$ 1,514,400</b>	<b>\$ (900)</b>	<b>(3.6%)</b>

	2019 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2020 Draft Budget
<b>Expenditures</b>						
Contracts / Services	\$ 379,000	\$ (51,400)	\$ -	\$ -	\$ -	\$ 327,600
Materials / Supplies	269,000	-	-	-	-	269,000
Other Expenditures	25,000	-	-	-	-	25,000
Transfers to Other Funds	1,252,900	22,400	-	-	-	1,275,300
<b>Total Expenditures</b>	<b>\$ 1,925,900</b>	<b>\$ (29,000)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,896,900</b>
<b>Revenues</b>						
User Fees	(241,400)	(26,900)	-	-	-	(268,300)
Reserves and Reserve Funds	(114,200)	-	-	-	-	(114,200)
<b>Total Revenues</b>	<b>\$ (355,600)</b>	<b>\$ (26,900)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (382,500)</b>
<b>Net Budget</b>	<b>\$ 1,570,300</b>	<b>\$ (55,900)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,514,400</b>

##### Base Expenditure

- Contracts / Services include costs for Meter Reading Services, which were reduced as a result of efficiencies achieved from the new meter reading technology.
- 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 increased by \$26,900 due to increases in Water Collection Charges and Ownership Change fees, which is reflective of greater expected activity in the residential resale market than in previous years.

# CITY OF RICHMOND HILL

## 2020 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:

#### 2020 Budget Highlights

	2018 Actuals	Preliminary Actuals at 31-Oct-19	2019 Approve Budget	2020 Draft Budget	Varian (Favoura) / Unfavourble	
<b>Expenditures</b>						
Personnel - Full-Time		\$ -	\$ -	\$ 49,400	49,400	
Transfers to Other Funds	1,486,006	1,728,500	2,074,200	2,254,000	179,800	
<b>Total Expenditures</b>	<b>\$ 1,486,</b>	<b>\$ 1,728,500</b>	<b>\$ 2,074,200</b>	<b>\$ 2,303,400</b>	<b>\$ 229,200</b>	<b>11.1%</b>
<b>Revenues</b>						
Investment Income	(60,000)	-	(60,000)	(60,000)	-	
Other Internal Sources	(880,000)	-	-	(400,000)	(400,000)	
<b>Total Revenues</b>	<b>\$ (940,</b>	<b>\$ -</b>	<b>\$ (60,</b>	<b>\$ (460,000)</b>	<b>\$ (000)</b>	<b>666.7%</b>
<b>Net Budget</b>	<b>\$ 546,</b>	<b>\$ 1,728,500</b>	<b>\$ 2,014,200</b>	<b>\$ 1,843,400</b>	<b>\$ (800)</b>	<b>(8.5%)</b>

	2019 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2019 Draft Budget
<b>Expenditures</b>						
Personnel - Full-Time	\$ -	\$ 49,400	\$ -	\$ -	\$ -	\$ 49,400
Transfers to Other Funds	2,074,200	179,800	-	-	-	2,254,000
<b>Total Expenditures</b>	<b>\$ 2,074,200</b>	<b>\$ 229,200</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,303,400</b>
<b>Revenues</b>						
Investment Income	(60,000)	-	-	-	-	(60,000)
Other Internal Sources	-	(400,000)	-	-	-	(400,000)
<b>Total Revenues</b>	<b>\$ (60,000)</b>	<b>\$ (400,000)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (460,000)</b>
<b>Net Budget</b>	<b>\$ 2,014,200</b>	<b>\$ (170,800)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,843,400</b>

#### Base Expenditure

- Corporate Expenditures, which accounts for the allocation of corporate overhead, is budgeted at \$2,254,000. The allocation relates to provisions for inflationary adjustments, updated general overhead, and occupancy costs for administrative time.
- Personnel costs of \$49,400 were budgeted to provide for the potential corporate impact of collective bargaining negotiations

#### 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.
- Transfers from Internal Sources relates to a Transfer from Stormwater to cover costs expended under Water & Wastewater Services on behalf of Stormwater Services.

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER ADMINISTRATION

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

#### 2020 Budget Highlights

	2018 Actual	reliminary Actuals October 31, 2019	2019 Approved Budget	2020 Draft Budget	Variance (Favourable) / Unfavourable	
<b>Expenditures</b>						
WWW - Admin	\$ 1,708,792	\$ 1,331,109	\$ 1,940,300	\$ 1,959,100	\$ 18,800	
<b>Net Budget</b>	<b>\$ 1,708,792</b>	<b>\$ 1,331,109</b>	<b>\$ 1,940,300</b>	<b>\$ 1,959,100</b>	<b>\$ 18,800</b>	<b>1.0%</b>

	2018 Actual	Preliminary Actuals October 31, 2019	2019 Approved Budget	2020 Draft Budget	Variance (Favourable) / Unfavourable	
<b>Expenditures</b>						
Personnel - Full-Time	\$ 1,028,661	\$ 970,542	\$ 1,137,600	\$ 1,141,800	\$ 4,200	
Personnel - Casual	18,016	50	16,400	16,400	-	
Contracts / Services	88,110	49,890	83,100	83,100	-	
Materials / Supplies	13,420	10,026	13,000	13,000	-	
Transfers to Other Funds	560,585	300,600	690,200	704,800	14,600	
<b>Total Expenditures</b>	<b>\$ 1,708,792</b>	<b>\$ 1,331,109</b>	<b>\$ 1,940,300</b>	<b>\$ 1,959,100</b>	<b>\$ 18,800</b>	<b>1.0%</b>
<b>Net Budget</b>	<b>\$ 1,708,792</b>	<b>\$ 1,331,109</b>	<b>\$ 1,940,300</b>	<b>\$ 1,959,100</b>	<b>\$ 18,800</b>	<b>1.0%</b>

	2019 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2020 Draft Budget
<b>Expenditures</b>						
Personnel - FT	\$ 1,137,600	\$ 4,200	\$ -	\$ -	\$ -	\$ 1,141,800
Personnel - Casual	16,400	-	-	-	-	16,400
Contracts/Services	83,100	-	-	-	-	83,100
Materials/Supplies	13,000	-	-	-	-	13,000
Transfers to Other Funds	690,200	14,600	-	-	-	704,800
<b>Total Expenditures</b>	<b>\$ 1,940,300</b>	<b>\$ 18,800</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,959,100</b>
<b>Net Budget</b>	<b>\$ 1,940,300</b>	<b>\$ 18,800</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,959,100</b>

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER ADMINISTRATION

#### Contracts/Services

- The Contracts/Services of \$83,100 are composed of the following.

	2019 Approved Budget	2020 Draft Budget	Variance (Favourable) / Unfavourable	Base	Legislated	Annualization	New/growth Staff & Programs
Consulting Contracts	\$ 14,000	\$ 14,000	\$ -	\$ -	\$ -	\$ -	\$ -
Consulting / Benchmarking Init	30,000	30,000	-	-	-	-	-
Environmental Compliance Cont.	15,000	15,000	-	-	-	-	-
Vehicle / Equipment Rental	24,100	24,100	-	-	-	-	-
	<b>\$ 83,100</b>	<b>\$ 83,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

#### Transfers to Other Funds

- The \$14,600 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.

# CITY OF RICHMOND HILL

## 2020 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.

#### 2020 Budget Highlights

	2018 Actual	Preliminary Actuals October 31, 2019	2019 Approved Budget	2020 Draft Budget	Variance (Favourable) / Unfavourable	
<b>Expenditures</b>						
WWW Operations	\$ 11,444,674	\$ 5,846,596	\$ 8,904,300	\$ 8,950,500	\$ 46,200	
<b>Total Expenditures</b>	<b>\$ 11,444,674</b>	<b>\$ 5,846,596</b>	<b>\$ 8,904,300</b>	<b>\$ 8,950,500</b>	<b>\$ 46,200</b>	<b>0.5%</b>
<b>Revenues</b>						
WWW Operations	(2,924,813)	(263,300)	(1,576,000)	(1,607,300)	(31,300)	
<b>Total Revenue</b>	<b>\$ (2,924,813)</b>	<b>\$ (2,263,300)</b>	<b>\$ (1,576,000)</b>	<b>\$ (1,607,300)</b>	<b>\$ (31,300)</b>	<b>2.0%</b>
<b>Net Budget</b>						
WWW Operations	\$ 8,519,861	\$ 3,583,295	7,328,300	7,343,200	14,900	
<b>Net Budget</b>	<b>\$ 8,519,861</b>	<b>\$ 3,583,295</b>	<b>\$ 7,328,300</b>	<b>\$ 7,343,200</b>	<b>\$ 14,900</b>	<b>0.2%</b>

	2018 Actual	Preiminary Actuals October 31, 2019	2019 Approved Budget	2020 Draft Budget	Variance (Favourable) / Unfavourable	
<b>Expenditures</b>						
Personnel - Full-Time	\$ 2,043,233	\$ 1,707,569	\$ 2,208,600	\$ 2,198,500	\$ (10,100)	
Personnel - Casual	60,626	97,040	135,500	135,500	-	
Contracts / Services	7,529,289	3,104,640	4,558,400	4,558,400	-	
Materials / Supplies	530,192	429,491	629,800	629,800	-	
Other Expenditures	46,822	28,055	34,600	34,600	-	
Transfers to Other Funds	1,234,512	479,800	1,337,400	1,393,700	56,300	
<b>Total Expenditures</b>	<b>\$ 11,444,674</b>	<b>\$ 5,846,596</b>	<b>\$ 8,904,300</b>	<b>\$ 8,950,500</b>	<b>\$ 46,200</b>	<b>0.5%</b>
<b>Revenue</b>						
User Fees	(2,924,813)	(2,263,300)	(1,576,000)	(1,607,300)	(31,300)	
<b>Total Revenue</b>	<b>\$ (2,924,813)</b>	<b>\$ (2,263,300)</b>	<b>\$ (1,576,000)</b>	<b>\$ (1,607,300)</b>	<b>\$ (31,300)</b>	<b>2.0%</b>
<b>Net Budget</b>	<b>\$ 8,519,861</b>	<b>\$ 3,583,295</b>	<b>\$ 7,328,300</b>	<b>\$ 7,343,200</b>	<b>\$ 14,900</b>	<b>0.2%</b>

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER OPERATIONS

	2019 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2020 Draft Budget
<b>Expenditures</b>						
Personnel - Full-Time	\$ 2,208,600	\$ (10,100)	\$ -	\$ -	\$ -	\$ 2,198,500
Personnel - Casual	135,500	-	-	-	-	135,500
Contracts / Services	4,558,400	-	-	-	-	4,558,400
Materials / Supplies	629,800	-	-	-	-	629,800
Other Expenditures	34,600	-	-	-	-	34,600
Transfers to Other Funds	1,337,400	56,300	-	-	-	1,393,700
<b>Total Expenditures</b>	<b>\$ 8,904,300</b>	<b>\$ 46,200</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,950,500</b>
<b>Revenue</b>						
User Fees	\$ (1,576,000)	\$ (31,300)	\$ -	\$ -	\$ -	\$ (1,607,300)
<b>Total Revenue</b>	<b>\$ (1,576,000)</b>	<b>\$ (31,300)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (1,607,300)</b>
<b>Net Budget</b>	<b>\$ 7,328,300</b>	<b>\$ 14,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,343,200</b>

### Contracts/Services

- The Contracts/Services of \$4,558,400 are composed of the following.

	2019 Approved Budget	2020 Draft Budget	Variance (Favourable)/ Unfavourable	Variance breakdown			New/growth Staff & Programs
				Base	Legislated	Annualization	
Insurance	\$ 572,700	\$ 572,700	\$ -	\$ -	\$ -	\$ -	\$ -
Infill Service Connections	1,100,000	1,100,000	-	-	-	-	-
Ontario 1 Call Locates	20,000	20,000	-	-	-	-	-
Water	1,336,200	1,336,200	-	-	-	-	-
Sewer	1,529,500	1,529,500	-	-	-	-	-
<b>Total</b>	<b>\$ 4,558,400</b>	<b>\$ 4,558,400</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



# CITY OF RICHMOND HILL

## 2020 Draft Budget

### WATER & WASTEWATER SERVICES

#### WATER & WASTEWATER OPERATIONS

#### Materials/Supplies

- The Materials/Supplies of \$629,800 are composed of the following.

	Variance breakdown						
	2019 Approved Budget	2020 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	78,200	78,200	-	-	-	-	-
Uniforms /Clothing	23,800	23,800	-	-	-	-	-
Other	3,400	3,400	-	-	-	-	-
	<b>\$ 629,800</b>	<b>\$ 629,800</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

#### Transfers to Other Funds

- The \$56,300 increase includes transfers to the revenue fund for the staffing costs 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 \$31,300 and are composed of the following.

	Variance breakdown						
	2019 Approved Budget	2020 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.	(709,000)	(723,900)	(14,900)	(14,900)	-	-	-
Sewer Blocked Lateral Fees	(30,000)	(30,000)	-	-	-	-	-
WWW Sundries Recovery	(6,000)	(6,000)	-	-	-	-	-
Sewer Service Contract - Res.	(474,000)	(484,200)	(10,200)	(10,200)	-	-	-
Storm Sewer Serv. Contract - Res	(287,000)	(293,200)	(6,200)	(6,200)	-	-	-
Other Rev from Developer	-	-	-	-	-	-	-
	<b>\$ (1,576,000)</b>	<b>\$ (1,607,300)</b>	<b>\$ (31,300)</b>	<b>\$ (31,300)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

The \$31,300 base increase is due to the approved tariff fees for 2020.

# **CITY OF RICHMOND HILL**

## **2020 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 96 Storm Water Facilities, 542 kilometres of storm sewers and 17,228 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 542 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 City Manager** – deals with service enquiries through Access Richmond Hill

# CITY OF RICHMOND HILL

## 2020 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 Plan, 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.

#### 2020 Budget Highlights

	2018 Actuals	Preliminary Actuals at 31-Oct-19	2019 Approved Budget	2020 Draft Budget	Varice (Favourable) / Unfavourable	
<b>Expenditures</b>						
Contracts / Services	\$ 319,739	\$ 365,014	\$ 765,200	\$ 765,200	\$ -	
Materials / Supplies	60,320	29,731	102,400	102,400	-	
Transfers to Other Funds	3,419,619	2,806,555	3,363,400	3,727,500	364,100	
<b>Total Expenditures</b>	<b>\$ 3,799,678</b>	<b>\$ 3,201,300</b>	<b>\$ 4,231,000</b>	<b>\$ 4,595,100</b>	<b>\$ 364,100</b>	<b>8.6%</b>
<b>Revenues</b>						
User Fees	(3,657,648)	(3,135,599)	(4,006,000)	(4,370,100)	(364,100)	
Reserves and Reserve Funds	(142,030)	(187,500)	(225,000)	(225,000)	-	
<b>Total Revenues</b>	<b>\$ (3,799,678)</b>	<b>\$ (3,323,099)</b>	<b>\$ (4,231,000)</b>	<b>\$ (4,595,100)</b>	<b>\$ (100)</b>	<b>8.6%</b>
<b>Net Budget</b>	<b>\$ (0)</b>	<b>\$ (121,799)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

	2019 Approved Budget	Base	Legislated	Annualization	New / Growth Staff & Programs	2020 Draft Budget
<b>Expenditures</b>						
Contracts / Services	\$ 765,200	\$ -	-	\$ -	\$ -	\$ 765,200
Materials / Supplies	102,400	-	-	-	-	102,400
Transfers to Other Funds	3,363,400	364,100	-	-	-	3,727,500
<b>Total Expenditures</b>	<b>\$ 4,231,000</b>	<b>\$ 364,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,595,100</b>
<b>Revenues</b>						
User Fees	(4,006,000)	(364,100)	-	-	-	(4,370,100)
Reserves and Reserve Funds	(225,000)	-	-	-	-	(225,000)
<b>Total Revenues</b>	<b>\$ (4,231,000)</b>	<b>\$ (364,100)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (4,595,100)</b>
<b>Net Budget</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

# CITY OF RICHMOND HILL

## 2020 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 and sustainable rate structure is implemented, the proposed 2020 budget reflects a 7.5% rate increase, consistent with rate increases in Water & Wastewater Services. Staff will be proposing a new rate structure as part of the 2020 Budget process, for implementation by the end of 2021.

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.
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%
2020	\$ 79.50	7.5%	\$ 230.95	7.5%

# CITY OF RICHMOND HILL

## 2020 Draft Budget

### STORMWATER MANAGEMENT SERVICES

#### OVERVIEW – Continued

Budget Change Explanation	2019 Budget	2020 Budget	Incremental Change	% change over prior year	Explanation
<b>2019 Net Budget</b>			\$ -		
<b>Base</b>					
<b>Expenditures</b>					
<b>Transfers to Other Funds</b>					
Transfer to Water Quality Protection Reserve Fund	1,859,800	1,503,700	(356,100)	(19.1%)	Decrease to Water Quality Protection Reserve Fund for Stormwater Management related infrastructure
Contribution to Operating Fund	1,503,600	1,823,800	320,200	21.3%	Increase to Stormwater operating costs in the Operating Fund
Transfer to Water & Wastewater Fund	-	400,000	400,000	-	Increase to Stormwater operating costs in Water & Wastewater Operations
		<b>Total Expenditure</b>	<b>\$ 364,100</b>		
<b>Revenues</b>					
<b>Storm Water Management</b>					
User Rate	(4,006,000)	(4,370,100)	(364,100)	9.1%	Reflects a 7.5% Stormwater Management rate increase as well as an increase in the number of properties
		<b>Total Revenues</b>	<b>\$ (364,100)</b>		
<b>Base Budget</b>			\$ -		
<b>Incremental Change</b>			\$ -		
		<b>2020 Net Budget</b>	<b>\$ -</b>		

# CITY OF RICHMOND HILL

## 2020 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 City water, the stormwater rate is applied directly to the water bill. Residents and businesses who are not on City 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.

#### 2020 Budget Highlights

	2018 Actuals	Preliminary Actuals at 31-Oct-19	2019 Approve Budget	2020 Draft Budget	Variance (Favourable / Unfavourable)	
<b>Expenditures</b>						
Contribution to Operating Fund	\$ 1,680,494	\$ 1,253,000	\$ 1,503,600	\$ 1,823,800	\$ 320,200	
Transfers to Water Quality Reserve Fund	1,734,200	1,549,833	1,859,800	1,503,700	(356,100)	
Transfer to Water & Wastewater Fund	-	-	-	400,000	400,000	
Write-off Storm Water Fee Res	4,808	3,722	-	-	-	
Write-off Storm Water Fee Non-Res	117	-	-	-	-	
<b>Total Expenditures</b>	<b>\$ 3,419,619</b>	<b>\$ 2,806,555</b>	<b>\$ 3,363,400</b>	<b>\$ 3,727,500</b>	<b>\$ 364,</b>	<b>10.8%</b>
<b>Revenues</b>						
User Fees	(3,657,648)	(3,135,599)	(4,006,000)	(4,370,100)	(364,100)	
<b>Total Revenues</b>	<b>\$ (3,657,648)</b>	<b>\$ (3,135,599)</b>	<b>\$ (4,006,000)</b>	<b>\$ (4,370,100)</b>	<b>\$ (364,</b>	<b>9.1%</b>
<b>Net Budget</b>	<b>\$ (238,029)</b>	<b>\$ (329,044)</b>	<b>\$ (642,600)</b>	<b>\$ (642,600)</b>	<b>\$ -</b>	<b>0.0%</b>

	2019 Approved Budget	Base	Legislated	Annualization	New/Growth Staff & Programs	2020 Draft Budget
<b>Expenditures</b>						
Contribution to Operating Fund	\$ 1,503,600	\$ 320,200	\$ -	\$ -	\$ -	\$ 1,823,800
Transfers to Water Quality Reserve Fund	1,859,800	(356,100)	-	-	-	1,503,700
Transfer to Water & Wastewater Fund	-	400,000	-	-	-	400,000
<b>Total Expenditures</b>	<b>\$ 3,363,400</b>	<b>\$ 364,100</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,727,500</b>
<b>Revenues</b>						
User Fees	(4,006,000)	(364,100)	-	-	-	(4,370,100)
<b>Total Revenues</b>	<b>\$ (4,006,000)</b>	<b>\$ (364,100)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (4,370,100)</b>
<b>Net Budget</b>	<b>\$ (642,600)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (642,600)</b>

# **CITY OF RICHMOND HILL**

## **2020 Draft Budget**

### **STORMWATER MANAGEMENT SERVICES**

#### **STORMWATER MANAGEMENT – Continued**

##### **Base Expenditure**

- Contribution to Operating Fund represents stormwater operating costs incurred through the tax rate budget.
- Transfers to the Water Quality Protection Reserve Fund is the net amount available to allocate to the Reserve Fund after factoring in stormwater related revenues and expenditures. There was a decrease to the transfer as a result of reprioritization of funds to support stormwater activities under Water & Wastewater Services.
- Transfer of \$400,000 to Water & Wastewater Fund represents stormwater operating costs incurred via Water & Wastewater Services.

##### **Base Revenues**

- The 2020 budget proposes a 7.5% increase to maintain necessary immediate funding until a more fair and sustainable rate structure is approved and implemented.

# CITY OF RICHMOND HILL

## 2020 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.

#### 2020 Budget Highlights

	2018 Actual	Preliminary Actuals October 31, 2019	2019 Approved Budget	2020 Draft Budget	Variance (Favourable)/ Unfavourable	
<b>Expenditures</b>						
Stormwater Management	\$ 380,059	\$ 394,745	\$ 867,600	\$ 867,600	\$ -	
<b>Total Expenditures</b>	<b>\$ 380,059</b>	<b>\$ 394,745</b>	<b>\$ 867,600</b>	<b>\$ 867,600</b>	<b>\$ -</b>	<b>0.0%</b>
<b>Revenue</b>						
Stormwater Management	(142,030)	(187,500)	(225,000)	(225,000)	-	
<b>Total Revenue</b>	<b>\$ (142,030)</b>	<b>\$ (187,500)</b>	<b>\$ (225,000)</b>	<b>\$ (225,000)</b>	<b>\$ -</b>	<b>0.0%</b>
<b>Net Budget</b>						
Stormwater Management	\$ 238,029	\$ 207,245	\$ 642,600	\$ 642,600	\$ -	
<b>Net Budget</b>	<b>\$ 238,029</b>	<b>\$ 207,245</b>	<b>\$ 642,600</b>	<b>\$ 642,600</b>	<b>\$ -</b>	<b>0.0%</b>

	2018 Actual	Preliminary Actuals October 31, 2019	2019 Approved Budget	2020 Draft Budget	Variance (Favourable)/ Unfavourable	
<b>Expenditures</b>						
Contracts / Services	\$ 319,739	\$ 365,014	\$ 765,200	\$ 765,200	\$ -	
Materials / Supplies	60,320	29,731	102,400	102,400	-	
<b>Total Expenditures</b>	<b>\$ 380,059</b>	<b>\$ 394,745</b>	<b>\$ 867,600</b>	<b>\$ 867,600</b>	<b>\$ -</b>	<b>0.0%</b>
<b>Revenue</b>						
Reserves and Reserve Funds	(142,030)	(187,500)	(225,000)	(225,000)	-	
<b>Total Revenue</b>	<b>\$ (142,030)</b>	<b>\$ (187,500)</b>	<b>\$ (225,000)</b>	<b>\$ (225,000)</b>	<b>\$ -</b>	<b>0.0%</b>
<b>Net Budget</b>	<b>\$ 238,029</b>	<b>\$ 207,245</b>	<b>\$ 642,600</b>	<b>\$ 642,600</b>	<b>\$ -</b>	<b>0.0%</b>



# CITY OF RICHMOND HILL

## 2020 Draft Budget

### STORMWATER MANAGEMENT SERVICES

#### STORMWATER OPERATIONS

	2019 Approved Budget	Base	Legislate	Annualization	New/Growth Staff & Programs	2020 Draft Budget
<b>Expenditures</b>						
Contracts / Services	\$ 765,200	\$ -	\$ -	\$ -	\$ -	\$ 765,200
Materials / Supplies	102,400	-	-	-	-	102,400
<b>Total Expenditures</b>	<b>\$ 867,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 867,600</b>
<b>Revenue</b>						
Reserves and Reserve Funds	(225,000)	-	-	-	-	(225,000)
<b>Total Revenue</b>	<b>\$ (225,000)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (225,000)</b>
<b>Net Budget</b>	<b>\$ 642,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 642,600</b>

### Contracts/Services

- The Contracts/Services of \$765,200 are composed of the following.

	2019 Approved Budget	2020 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	-	-	-	-	-
	<b>\$ 765,200</b>	<b>\$ 765,200</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

### Materials/Supplies

- The Materials/Supplies of \$102,400 are composed of the following.

	2019 Approved Budget	2020 Draft Budget	Variance (Favourable)/ Unfavourable	Variance breakdown			New/growth Staff & Programs
				Base	Legislated	Annualization	
Drainage	\$ 57,400	\$ 57,400	\$ -	\$ -	\$ -	\$ -	\$ -
Stormsewer	45,000	45,000	-	-	-	-	-
	<b>\$ 102,400</b>	<b>\$ 102,400</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

### Reserve and Reserve Funds

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