

WASTEWATER BUDGET PROJECTIONS - 2017 REVIEW

THE CORPORATION OF THE TOWN OF ST. MARYS - PUBLIC WORKS DEPARTMENT, ENVIRONMENTAL SERVICES

Line No.	Details	2017	2018	2019	2020	2021	2022
REVENUE							
<u>Operating Revenues</u>							
1	Service Revenue - Water Sales	\$ 1,489,538.97	\$ 1,575,153.72	\$ 1,613,013.53	\$ 1,651,743.38	\$ 1,691,362.66	\$ 1,731,891.20
1a	Proposed Rate Adjustment	5%	2%	2%	2%	2%	2%
1b	Additional Revenue from Rate Adjustment	\$ 74,476.95	\$ 29,927.92	\$ 30,647.26	\$ 31,383.12	\$ 32,135.89	\$ 32,905.93
1c	Service Revenue - Water Sales	\$ 1,564,015.92	\$ 1,605,081.64	\$ 1,643,660.79	\$ 1,683,126.50	\$ 1,723,498.55	\$ 1,764,797.13
2	Miscellaneous Fees (Surcharge Program)	\$ 40,000.00	\$ 50,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00
3	Total Operating Revenue	\$ 1,604,015.92	\$ 1,655,081.64	\$ 1,683,660.79	\$ 1,723,126.50	\$ 1,763,498.55	\$ 1,804,797.13
<u>Non-Operating Revenue</u>							
4	Tap / Connection Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Interest Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Other Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Total Non-Operating Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Total Revenues	\$ 1,604,015.92	\$ 1,655,081.64	\$ 1,683,660.79	\$ 1,723,126.50	\$ 1,763,498.55	\$ 1,804,797.13
9	Total O&M Expenses	\$ 1,479,780.00	\$ 1,501,930.00	\$ 1,755,107.58	\$ 1,777,373.15	\$ 1,684,507.87	\$ 1,592,008.14
10	Subtotal: Net Operating Income	\$ 124,235.92	\$ 153,151.64	\$ (71,446.79)	\$ (54,246.65)	\$ 78,990.68	\$ 212,789.00
<u>Debt Service</u>							
11	Debt Service - Existing	\$ 260,374.00	\$ 260,373.00	\$ 260,374.00	\$ 260,374.00	\$ 145,239.32	\$ 30,103.00
12	Debt Service - New	\$ -	\$ -	\$ 220,570.00	\$ 220,570.00	\$ 220,570.00	\$ 220,570.00
13	Total Debt Service	\$ 260,374.00	\$ 260,373.00	\$ 480,944.00	\$ 480,944.00	\$ 365,809.32	\$ 250,673.00
14a	Asset Replacement Costs						
14b	Rate Financed Capital Costs	\$ 224,000.00	\$ 248,000.00	\$ 195,000.00	\$ 117,000.00	\$ 133,000.00	\$ 25,000.00
14c	Total Financed Capital Costs	\$ 224,000.00	\$ 248,000.00	\$ 195,000.00	\$ 117,000.00	\$ 133,000.00	\$ 25,000.00
15	NET INCOME (LOSS) FROM OPERATIONS	\$ (99,764.08)	\$ (94,848.36)	\$ (266,446.79)	\$ (171,246.65)	\$ (54,009.32)	\$ 187,789.00
16	PLUS: Opening Cash Balance	\$ 508,947.00	\$ 409,182.92	\$ 314,334.57	\$ 47,887.77	\$ (123,358.88)	\$ (177,368.20)
17	Ending Cash Balance (Before Reserves)	\$ 409,182.92	\$ 314,334.57	\$ 47,887.77	\$ (123,358.88)	\$ (177,368.20)	\$ 10,420.79
RESERVES							
18	Wastewater System Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	ENDING CASH BALANCE AFTER RESERVES	\$ 409,182.92	\$ 314,334.57	\$ 47,887.77	\$ (123,358.88)	\$ (177,368.20)	\$ 10,420.79
21	CUMULATIVE REVENUE & RESERVE DEFICIENCY (Line 19 divided by line 9)	0.28	0.21	0.03	-0.07	-0.11	0.01
22	DEBT SERVICE COVERAGE (Line 10 divided by Line 13)	0.48	0.59	-0.15	-0.11	0.22	0.85

WASTEWATER SYSTEM RATE SCALE DETERMINATION**Tier 1: 0-250 cubic metres**

23	Estimated Consumption (m3)	732070	732070	732070	732070	732070	732070
24	Number of Meters	2819	2854	2889	2924	2959	2994
25	Base Rate	\$ 18.54	\$ 18.89	\$ 19.25	\$ 19.62	\$ 19.99	\$ 20.37
26	Usage Rate per m3	\$ 1.24	\$ 1.26	\$ 1.29	\$ 1.31	\$ 1.34	\$ 1.36
27	Fixed Revenue	\$ 627,171.12	\$ 647,022.12	\$ 667,401.05	\$ 688,320.80	\$ 709,794.58	\$ 731,835.87
28	Variable Revenue	\$ 907,766.80	\$ 925,014.37	\$ 942,589.64	\$ 960,498.85	\$ 978,748.32	\$ 997,344.54
29	Total Revenue - Wastewater	\$ 1,534,937.92	\$ 1,572,036.49	\$ 1,609,990.69	\$ 1,648,819.65	\$ 1,688,542.90	\$ 1,729,180.41

Tier 2: 251-750 cubic metres

30	Estimated Consumption (m3)	0	0	0	0	0	0
31	Number of Meters	6	6	6	6	6	6
32	Base Rate	\$ 61.79	\$ 62.96	\$ 64.16	\$ 65.38	\$ 66.62	\$ 67.89
33	Usage Rate per m3	\$ 1.24	\$ 1.26	\$ 1.29	\$ 1.31	\$ 1.34	\$ 1.36
34	Fixed Revenue	\$ 4,448.88	\$ 4,533.41	\$ 4,619.54	\$ 4,707.31	\$ 4,796.75	\$ 4,887.89
35	Variable Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Total Revenue - Tier 2	\$ 4,448.88	\$ 4,533.41	\$ 4,619.54	\$ 4,707.31	\$ 4,796.75	\$ 4,887.89

Tier 3: 750 Cubic Metres +

37	Estimated Consumption (m3)	0	0	0	0	0	0
38	Number of Meters	11	11	11	11	11	11
39	Base Rate	\$ 216.28	\$ 220.39	\$ 224.58	\$ 228.84	\$ 233.19	\$ 237.62
40	Usage Rate per m3	\$ 1.24	\$ 1.26	\$ 1.29	\$ 1.31	\$ 1.34	\$ 1.36
41	Fixed Revenue	\$ 28,548.96	\$ 29,091.39	\$ 29,644.13	\$ 30,207.37	\$ 30,781.30	\$ 31,366.15
42	Variable Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43	Total Revenue - Tier 3	\$ 28,548.96	\$ 29,091.39	\$ 29,644.13	\$ 30,207.37	\$ 30,781.30	\$ 31,366.15
44	Total Projected Revenue - Sales	\$ 1,567,935.76	\$ 1,605,661.29	\$ 1,644,254.36	\$ 1,683,734.33	\$ 1,724,120.96	\$ 1,765,434.45