

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	\$ 1,574,304.41	\$ 1,629,546.73	\$ 1,686,686.71	\$ 1,745,788.50	\$ 1,806,918.38
1a	Proposed Rate Adjustment	5%	3%	3%	3%	3%	3%
1b	Additional Revenue from Rate Adjustment	\$ 74,476.95	\$ 47,229.13	\$ 48,886.40	\$ 50,600.60	\$ 52,373.66	\$ 54,207.55
1c	Service Revenue - Water Sales	\$ 1,564,015.92	\$ 1,621,533.54	\$ 1,678,433.13	\$ 1,737,287.31	\$ 1,798,162.16	\$ 1,861,125.93
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	\$ 1,671,533.54	\$ 1,718,433.13	\$ 1,777,287.31	\$ 1,838,162.16	\$ 1,901,125.93
<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	\$ 1,671,533.54	\$ 1,718,433.13	\$ 1,777,287.31	\$ 1,838,162.16	\$ 1,901,125.93
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	\$ 169,603.54	\$ (36,674.45)	\$ (85.84)	\$ 153,654.28	\$ 309,117.80
<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)	\$ (78,396.46)	\$ (231,674.45)	\$ (117,085.84)	\$ 20,654.28	\$ 284,117.80
16	PLUS: Opening Cash Balance	\$ 508,947.00	\$ 409,182.92	\$ 330,786.46	\$ 99,112.01	\$ (17,973.83)	\$ 2,680.45
17	Ending Cash Balance (Before Reserves)	\$ 409,182.92	\$ 330,786.46	\$ 99,112.01	\$ (17,973.83)	\$ 2,680.45	\$ 286,798.25
RESERVES							
18	Wastewater System Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	ENDING CASH BALANCE AFTER RESERVES	\$ 409,182.92	\$ 330,786.46	\$ 99,112.01	\$ (17,973.83)	\$ 2,680.45	\$ 286,798.25
21	CUMULATIVE REVENUE & RESERVE DEFICIENCY (Line 19 divided by line 9)	0.28	0.22	0.06	-0.01	0.00	0.18
22	DEBT SERVICE COVERAGE (Line 10 divided by Line 13)	0.48	0.65	-0.08	0.00	0.42	1.23

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	\$ 19.10	\$ 19.67	\$ 20.26	\$ 20.87	\$ 21.49
26	Usage Rate per m3	\$ 1.24	\$ 1.28	\$ 1.32	\$ 1.35	\$ 1.40	\$ 1.44
27	Fixed Revenue	\$ 627,171.12	\$ 654,006.66	\$ 681,887.87	\$ 710,853.36	\$ 740,943.07	\$ 772,198.40
28	Variable Revenue	\$ 907,766.80	\$ 934,999.80	\$ 963,049.80	\$ 991,941.29	\$ 1,021,699.53	\$ 1,052,350.52
29	Total Revenue - Wastewater	\$ 1,534,937.92	\$ 1,589,006.46	\$ 1,644,937.67	\$ 1,702,794.65	\$ 1,762,642.60	\$ 1,824,548.91

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	\$ 63.64	\$ 65.55	\$ 67.52	\$ 69.55	\$ 71.63
33	Usage Rate per m3	\$ 1.24	\$ 1.28	\$ 1.32	\$ 1.35	\$ 1.40	\$ 1.44
34	Fixed Revenue	\$ 4,448.88	\$ 4,582.35	\$ 4,719.82	\$ 4,861.41	\$ 5,007.25	\$ 5,157.47
35	Variable Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Total Revenue - Tier 2	\$ 4,448.88	\$ 4,582.35	\$ 4,719.82	\$ 4,861.41	\$ 5,007.25	\$ 5,157.47

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	\$ 222.77	\$ 229.45	\$ 236.33	\$ 243.43	\$ 250.73
40	Usage Rate per m3	\$ 1.24	\$ 1.28	\$ 1.32	\$ 1.35	\$ 1.40	\$ 1.44
41	Fixed Revenue	\$ 28,548.96	\$ 29,405.43	\$ 30,287.59	\$ 31,196.22	\$ 32,132.11	\$ 33,096.07
42	Variable Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43	Total Revenue - Tier 3	\$ 28,548.96	\$ 29,405.43	\$ 30,287.59	\$ 31,196.22	\$ 32,132.11	\$ 33,096.07
44	Total Projected Revenue - Sales	\$ 1,567,935.76	\$ 1,622,994.24	\$ 1,679,945.08	\$ 1,738,852.28	\$ 1,799,781.96	\$ 1,862,802.45