

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	\$ 1,571,783.25	\$ 1,658,528.12	\$ 1,750,018.01	\$ 1,846,510.57	\$ 1,948,277.34
1a	Proposed Rate Adjustment	5%	5%	5%	5%	5%	5%
1b	Additional Revenue from Rate Adjustment	\$ 74,476.95	\$ 78,589.16	\$ 82,926.41	\$ 87,500.90	\$ 92,325.53	\$ 97,413.87
1c	Service Revenue - Water Sales	\$ 1,564,015.92	\$ 1,650,372.42	\$ 1,741,454.52	\$ 1,837,518.91	\$ 1,938,836.09	\$ 2,045,691.20
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	\$ 1,700,372.42	\$ 1,781,454.52	\$ 1,877,518.91	\$ 1,978,836.09	\$ 2,085,691.20
<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	\$ 1,700,372.42	\$ 1,781,454.52	\$ 1,877,518.91	\$ 1,978,836.09	\$ 2,085,691.20
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	\$ 198,442.42	\$ 26,346.94	\$ 100,145.76	\$ 294,328.22	\$ 493,683.07
<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)	\$ (49,557.58)	\$ (168,653.06)	\$ (16,854.24)	\$ 161,328.22	\$ 468,683.07
16	PLUS: Opening Cash Balance	\$ 508,947.00	\$ 409,182.92	\$ 359,625.34	\$ 190,972.28	\$ 174,118.03	\$ 335,446.25
17	Ending Cash Balance (Before Reserves)	\$ 409,182.92	\$ 359,625.34	\$ 190,972.28	\$ 174,118.03	\$ 335,446.25	\$ 804,129.32
RESERVES							
18	Wastewater System Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	ENDING CASH BALANCE AFTER RESERVES	\$ 409,182.92	\$ 359,625.34	\$ 190,972.28	\$ 174,118.03	\$ 335,446.25	\$ 804,129.32
21	CUMULATIVE REVENUE & RESERVE DEFICIENCY (Line 19 divided by line 9)	0.28	0.24	0.11	0.10	0.20	0.51
22	DEBT SERVICE COVERAGE (Line 10 divided by Line 13)	0.48	0.76	0.05	0.21	0.80	1.97

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	\$ 19.47	\$ 20.44	\$ 21.46	\$ 22.54	\$ 23.66
26	Usage Rate per m3	\$ 1.24	\$ 1.30	\$ 1.37	\$ 1.44	\$ 1.51	\$ 1.58
27	Fixed Revenue	\$ 627,171.12	\$ 666,705.82	\$ 708,626.05	\$ 753,071.55	\$ 800,190.03	\$ 850,137.68
28	Variable Revenue	\$ 907,766.80	\$ 953,155.14	\$ 1,000,812.90	\$ 1,050,853.54	\$ 1,103,396.22	\$ 1,158,566.03
29	Total Revenue - Wastewater	\$ 1,534,937.92	\$ 1,619,860.96	\$ 1,709,438.95	\$ 1,803,925.09	\$ 1,903,586.25	\$ 2,008,703.71
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	\$ 64.88	\$ 68.12	\$ 71.53	\$ 75.11	\$ 78.86
33	Usage Rate per m3	\$ 1.24	\$ 1.30	\$ 1.37	\$ 1.44	\$ 1.51	\$ 1.58
34	Fixed Revenue	\$ 4,448.88	\$ 4,671.32	\$ 4,904.89	\$ 5,150.13	\$ 5,407.64	\$ 5,678.02
35	Variable Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Total Revenue - Tier 2	\$ 4,448.88	\$ 4,671.32	\$ 4,904.89	\$ 5,150.13	\$ 5,407.64	\$ 5,678.02
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	\$ 227.09	\$ 238.45	\$ 250.37	\$ 262.89	\$ 276.03
40	Usage Rate per m3	\$ 1.24	\$ 1.30	\$ 1.37	\$ 1.44	\$ 1.51	\$ 1.58
41	Fixed Revenue	\$ 28,548.96	\$ 29,976.41	\$ 31,475.23	\$ 33,048.99	\$ 34,701.44	\$ 36,436.51
42	Variable Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43	Total Revenue - Tier 3	\$ 28,548.96	\$ 29,976.41	\$ 31,475.23	\$ 33,048.99	\$ 34,701.44	\$ 36,436.51
44	Total Projected Revenue - Sales	\$ 1,567,935.76	\$ 1,654,508.69	\$ 1,745,819.07	\$ 1,842,124.22	\$ 1,943,695.33	\$ 2,050,818.25