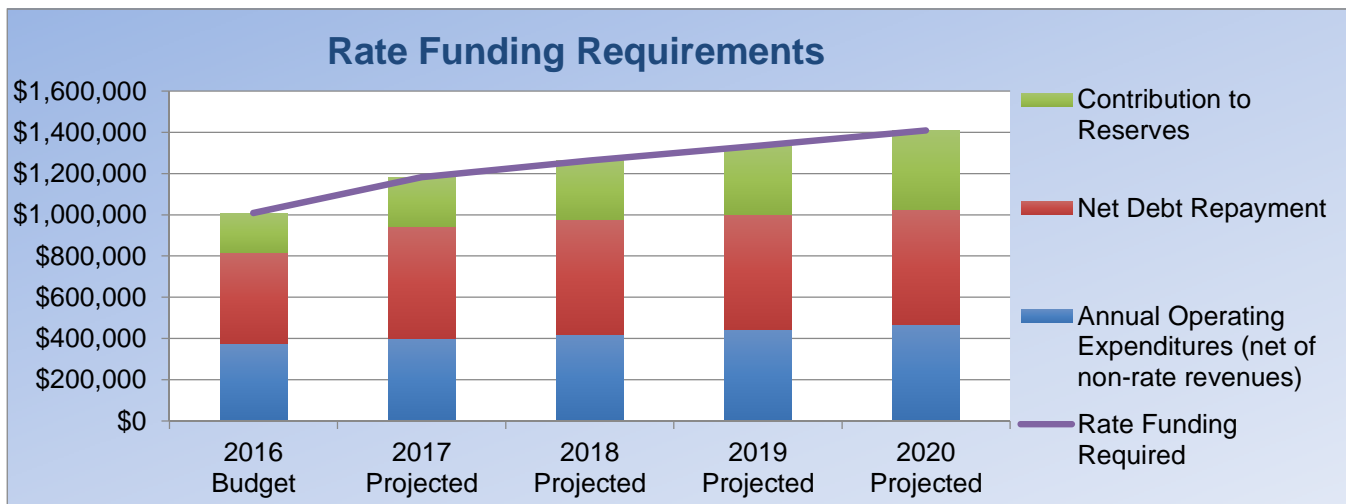




Wastewater - Tavistock Rates 2017 to 2020

Expenditures					
	2016 Budget	2017 Projected	2018 Projected	2019 Projected	2020 Projected
Operating Expenditures¹					
Annual Operating Expenditures (net of non-rate revenues)	\$374,919	\$400,988	\$421,557	\$445,400	\$470,286
Net Debt Repayment	440,041	541,563	557,113	558,358	554,703
Total	814,960	942,551	978,670	1,003,758	1,024,989
Asset Replacement Reserve Contribution					
Capital Replacement Requirements (AMP)	278,515	284,085	289,767	295,562	301,473
Contribution to Reserves	193,748	239,498	284,245	330,015	384,601
DC Past Projects	-	-	-	-	-
Rate Funding Required	\$1,008,708	\$1,182,049	\$1,262,915	\$1,333,773	\$1,409,590
		17%	7%	6%	6%



Capital Expenditures					
	2016 Budget	2017 Projected	2018 Projected	2019 Projected	2020 Projected
Total Gross Capital Expenditures	802,756	686,296	500,000	180,000	-
Less: Debentures	(499,944)	(160,000)	(500,000)	-	-
Less: Funding from Other Sources²	-	-	-	-	-
Funding from Reserves	\$302,812	\$526,296	-	\$180,000	-

¹ Based on 2016 budget; Existing and proposed debenture requirements as related to 2016 capital budget; Net debt repayment includes gross debt repayment less recoveries from resident and related development charges

² Sources include CSAP, customer or developer contributions, DC charges



Wastewater - Tavistock Rates 2017 to 2020

User Rates				
	2017 Projected ¹	2018 Projected	2019 Projected	2020 Projected
Flat Rate Structure				
Total Annual Revenue from Flat Rate	112,108	-	-	-
Metered Rate Structure				
Total Annual Fixed Revenue	499,828	644,933	700,256	760,164
Total Annual Consumption Based Revenue	570,113	617,982	633,517	649,426
<i>Fixed as % of Total Revenues</i>	51.8%	51.1%	52.5%	53.9%
<i>Consumption as % of Total Revenues</i>	48.2%	48.9%	47.5%	46.1%

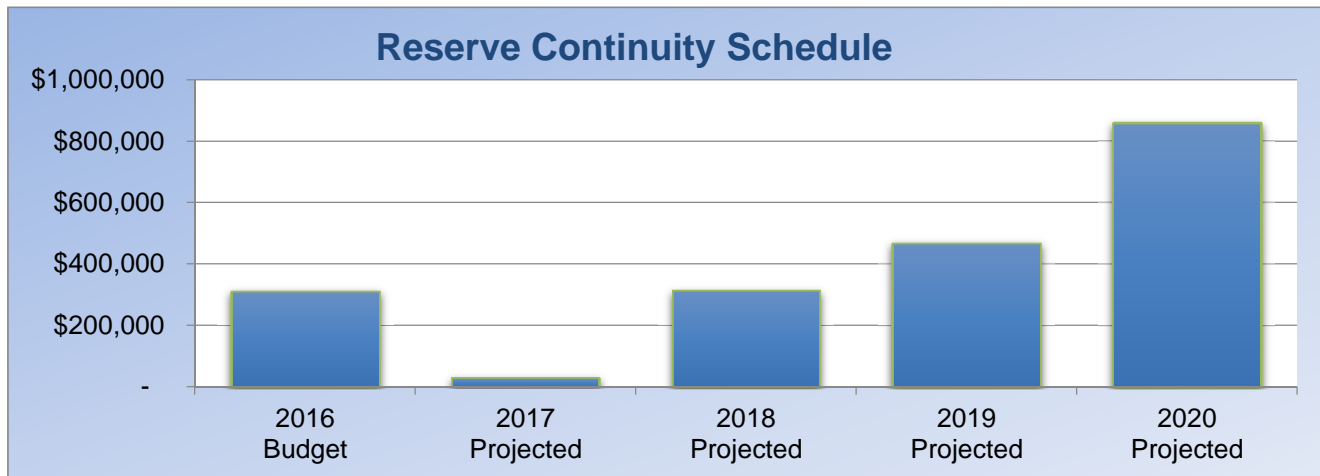
	2016 Budget	2017 Projected ¹	2018 Projected	2019 Projected	2020 Projected
Charge Per Typical Flat to Metered House (170m3/year)					
Fixed Charge	682	556	594	636	681
Consumption Charge	-	191	195	198	202
Annual Charge	\$682	\$746	\$789	\$835	\$883
<i>Annual Increase (%)</i>		9.4%	5.7%	5.8%	5.8%
Charge Per Typical Metered House (170m3/year)					
Fixed Charge	358	556	594	636	681
Consumption Charge	187	191	195	198	202
Annual Charge	\$545	\$746	\$789	\$835	\$883
<i>Annual Increase (%)</i>		36.8%	5.7%	5.8%	5.8%
Charge Per Typical Commercial (618m3/month)					
Fixed Charge (2" meter)	1,039	1,611	1,724	1,844	1,973
Consumption Charge	11,843	12,080	12,321	12,568	12,819
Annual Charge	\$12,882	\$13,691	\$14,045	\$14,412	\$14,792
<i>Annual Increase (%)</i>		6.3%	2.6%	2.6%	2.6%
Charge Per Typical Industrial (2500m3/month)					
Fixed Charge (3" meter)	3,942	6,110	6,537	6,995	7,484
Consumption Charge	47,241	48,186	49,150	50,133	51,135
Annual Charge	\$51,183	\$54,296	\$55,687	\$57,128	\$58,619
<i>Annual Increase (%)</i>		6.1%	2.6%	2.6%	2.6%
Charge Per Typical Industrial (10000m3/month)					
Fixed Charge (6" meter)	7,525	11,664	12,480	13,354	14,288
Consumption Charge	187,641	191,394	195,222	199,126	203,109
Annual Charge	\$195,166	\$203,058	\$207,702	\$212,480	\$217,397
<i>Annual Increase (%)</i>		4.0%	2.3%	2.3%	2.3%

¹ 2017 Rates are anticipated to take effect March 1, 2017; 2016 are held over until then; Actual charges will vary



Wastewater - Tavistock Rates 2017 to 2020

Reserve Continuity Schedule					
	2016 Budget	2017 Projected	2018 Projected	2019 Projected	2020 Projected
Opening Balance	\$414,708	\$311,243	\$28,646	\$313,278	\$467,523
Interest Allocation	5,599	4,202	387	4,229	6,312
Transfer to Reserves	193,748	239,498	284,245	330,015	384,601
Transfer from Reserves	(302,812)	(526,296)	-	(180,000)	-
Net Contribution to (from) Reserves	\$(103,465)	\$(282,596)	\$284,632	\$154,244	\$390,912
Closing Balance	\$311,243	\$28,646	\$313,278	\$467,523	\$858,435





Wastewater - Tavistock Rates 2017 to 2020

	2016 Rates	2017 Proposed Rates	2018 Proposed Rates	2019 Proposed Rates	2020 Proposed Rates
Metered Structure					
1) Consumption - Charge per cubic meter					
a) County					
0-15 cubic metres/month	\$1.10	\$1.12	\$1.14	\$1.17	\$1.19
16-45 cubic metres/month	\$1.43	\$1.46	\$1.49	\$1.52	\$1.55
46-850 cubic metres/month	\$1.54	\$1.57	\$1.60	\$1.63	\$1.67
851 + cubic metres/month	\$1.32	\$1.35	\$1.37	\$1.40	\$1.43
<i>Increase (%)</i>		2.0%	2.0%	2.0%	2.0%
b) County - ICI					
0-15 cubic metres/month	\$1.05	\$1.07	\$1.09	\$1.11	\$1.14
16-45 cubic metres/month	\$1.43	\$1.46	\$1.49	\$1.52	\$1.55
46-850 cubic metres/month	\$1.62	\$1.65	\$1.69	\$1.72	\$1.75
851 + cubic metres/month	\$1.56	\$1.59	\$1.62	\$1.66	\$1.69
<i>Increase (%)</i>		2.0%	2.0%	2.0%	2.0%
2) Fixed Charge - Charge per cubic meter					
Less than 1"	\$29.87	\$46.30	\$49.54	\$53.01	\$56.72
Less than 1" - ICI	-	-	-	-	-
1"	\$41.80	\$64.79	\$69.33	\$74.18	\$79.37
1 1/2"	\$53.76	\$83.33	\$89.16	\$95.40	\$102.08
2"	\$86.60	\$134.23	\$143.63	\$153.68	\$164.44
3"	\$328.47	\$509.13	\$544.77	\$582.90	\$623.70
4"	\$418.05	\$647.98	\$693.34	\$741.87	\$793.80
6"	\$627.07	\$971.96	\$1,040.00	\$1,112.80	\$1,190.69
8"	-	-	-	-	-
Greater than 10"	-	-	-	-	-
<i>Increase (%)</i>		55.0%	7.0%	7.0%	7.0%
Flat Structure					
Monthly Fee ¹	\$56.85	\$120.00	\$122.40	\$124.85	\$127.34
<i>Increase (%)</i>		111.1%	2.0%	2.0%	2.0%
Special Circumstances Customer ²	\$70.00	\$70.00	\$71.40	\$72.83	\$74.28
<i>Increase (%)</i>		0.0%	2.0%	2.0%	2.0%

¹ Customers who have not had a water meter installed shall have a flat rate charge in accordance with By-Law 5846-2016 (rate increase effective in 2017)

² As approved by the Director of Public Works; 2016 rate in accordance with By-Law 5846-2016

* Special agreements may be in place for large meter sizes