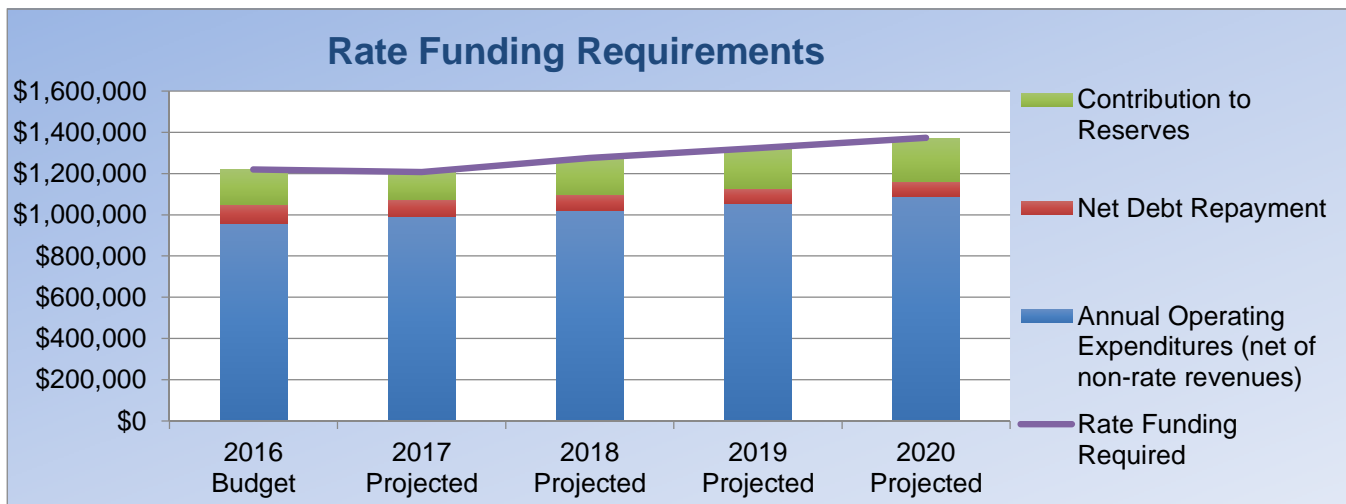




Wastewater - Thamesford Rates 2017 to 2020

Expenditures					
	2016 Budget	2017 Projected	2018 Projected	2019 Projected	2020 Projected
Operating Expenditures¹					
Annual Operating Expenditures (net of non-rate revenues)	\$960,361	\$993,902	\$1,023,383	\$1,056,605	\$1,091,508
Net Debt Repayment	91,162	82,444	75,263	73,276	71,372
Total	1,051,523	1,076,346	1,098,646	1,129,881	1,162,880
Asset Replacement Reserve Contribution					
Capital Replacement Requirements (AMP)	213,698	217,972	222,331	226,778	231,314
Contribution to Reserves	227,843	191,504	233,941	193,418	270,308
DC Past Projects	(60,000)	(60,000)	(57,445)	-	(60,000)
Rate Funding Required	\$1,219,366	\$1,207,850	\$1,275,142	\$1,323,299	\$1,373,188
		-1%	6%	4%	4%



Capital Expenditures					
	2016 Budget	2017 Projected	2018 Projected	2019 Projected	2020 Projected
Total Gross Capital Expenditures	402,060	1,056	220,000	1,500,000	-
Less: Debentures	-	-	-	-	-
Less: Funding from Other Sources²	-	-	-	(60,000)	-
Funding from Reserves	\$402,060	\$1,056	\$220,000	\$1,440,000	-

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 - Thamesford Rates 2017 to 2020

User Rates				
	2017 Projected ¹	2018 Projected	2019 Projected	2020 Projected
Flat Rate Structure				
Total Annual Revenue from Flat Rate	107,327	-	-	-
Metered Rate Structure				
Total Annual Fixed Revenue	449,168	576,687	606,906	638,419
Total Annual Consumption Based Revenue	651,355	698,455	716,393	734,769
<i>Fixed as % of Total Revenues</i>	46.1%	45.2%	45.9%	46.5%
<i>Consumption as % of Total Revenues</i>	53.9%	54.8%	54.1%	53.5%

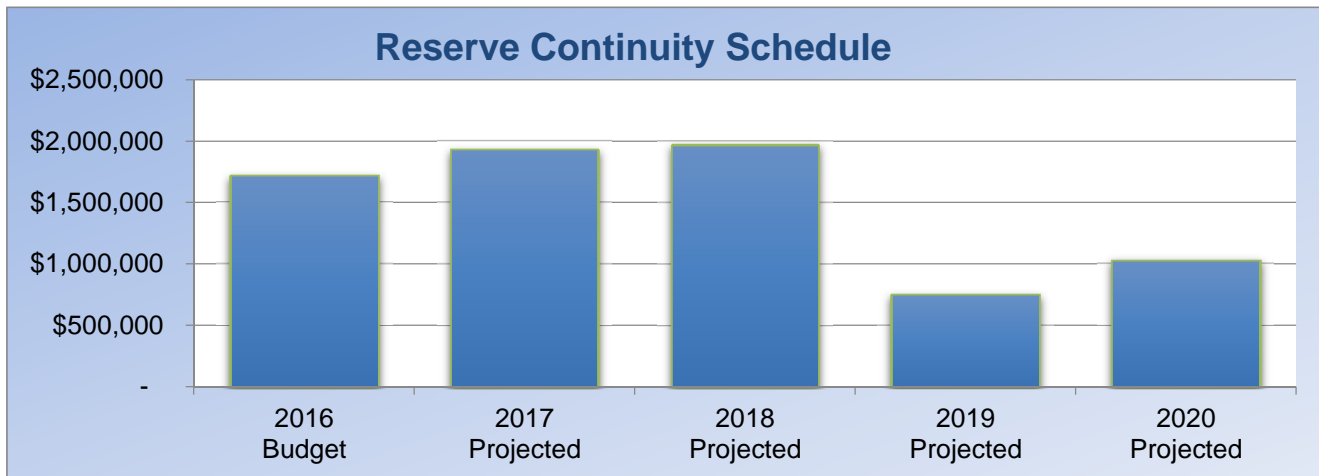
	2016 Budget	2017 Projected ¹	2018 Projected	2019 Projected	2020 Projected
Charge Per Typical Flat to Metered House (170m3/year)					
Fixed Charge	733	597	627	646	665
Consumption Charge	-	191	195	198	202
Annual Charge	\$733	\$788	\$822	\$844	\$868
<i>Annual Increase (%)</i>		7.4%	4.3%	2.8%	2.8%
Charge Per Typical Metered House (170m3/year)					
Fixed Charge	398	597	627	646	665
Consumption Charge	187	191	195	198	202
Annual Charge	\$585	\$788	\$822	\$844	\$868
<i>Annual Increase (%)</i>		34.7%	4.3%	2.8%	2.8%
Charge Per Typical Commercial (618m3/month)					
Fixed Charge (2" meter)	1,155	1,733	1,819	1,874	1,930
Consumption Charge	10,280	10,485	10,695	10,909	11,127
Annual Charge	\$11,435	\$12,218	\$12,514	\$12,783	\$13,057
<i>Annual Increase (%)</i>		6.8%	2.4%	2.1%	2.1%
Charge Per Typical Industrial (2500m3/month)					
Fixed Charge (3" meter)	4,381	6,572	6,900	7,107	7,320
Consumption Charge	40,511	41,322	42,148	42,991	43,851
Annual Charge	\$44,892	\$47,894	\$49,048	\$50,098	\$51,171
<i>Annual Increase (%)</i>		6.7%	2.4%	2.1%	2.1%
Charge Per Typical Industrial (10000m3/month)					
Fixed Charge (6" meter)	8,364	12,546	13,173	13,568	13,975
Consumption Charge	160,211	163,416	166,684	170,018	173,418
Annual Charge	\$168,575	\$175,962	\$179,857	\$183,586	\$187,393
<i>Annual Increase (%)</i>		4.4%	2.2%	2.1%	2.1%

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



Wastewater - Thamesford Rates 2017 to 2020

Reserve Continuity Schedule					
	2016 Budget	2017 Projected	2018 Projected	2019 Projected	2020 Projected
Opening Balance	\$1,863,777	\$1,714,721	\$1,928,317	\$1,968,290	\$748,280
Interest Allocation	25,161	23,149	26,032	26,572	10,102
Transfer to Reserves	227,843	191,504	233,941	193,418	270,308
Transfer from Reserves	(402,060)	(1,056)	(220,000)	(1,440,000)	-
Net Contribution to (from) Reserves	\$(149,056)	\$213,597	\$39,973	\$(1,220,010)	\$280,410
Closing Balance	\$1,714,721	\$1,928,317	\$1,968,290	\$748,280	\$1,028,690





Wastewater - Thamesford 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	\$1.29	\$1.32	\$1.34	\$1.37	\$1.40
46-850 cubic metres/month	\$1.40	\$1.43	\$1.46	\$1.49	\$1.52
851 + cubic metres/month	\$1.33	\$1.36	\$1.38	\$1.41	\$1.44
<i>Increase (%)</i>		2.0%	2.0%	2.0%	2.0%
2) Fixed Charge - Charge per cubic meter					
Less than 1"	\$33.18	\$49.77	\$52.26	\$53.83	\$55.44
Less than 1" - ICI	-	-	-	-	-
1"	\$46.47	\$69.71	\$73.19	\$75.39	\$77.65
1 1/2"	\$59.74	\$89.61	\$94.09	\$96.91	\$99.82
2"	\$96.26	\$144.39	\$151.61	\$156.16	\$160.84
3"	\$365.09	\$547.64	\$575.02	\$592.27	\$610.04
4"	\$464.67	\$697.01	\$731.86	\$753.81	\$776.43
6"	\$696.99	\$1,045.49	\$1,097.76	\$1,130.69	\$1,164.61
8"	-	-	-	-	-
Greater than 10"	-	-	-	-	-
<i>Increase (%)</i>		50.0%	5.0%	3.0%	3.0%
Flat Structure					
Monthly Fee ¹	\$61.12	\$120.00	\$122.40	\$124.85	\$127.34
<i>Increase (%)</i>		96.3%	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