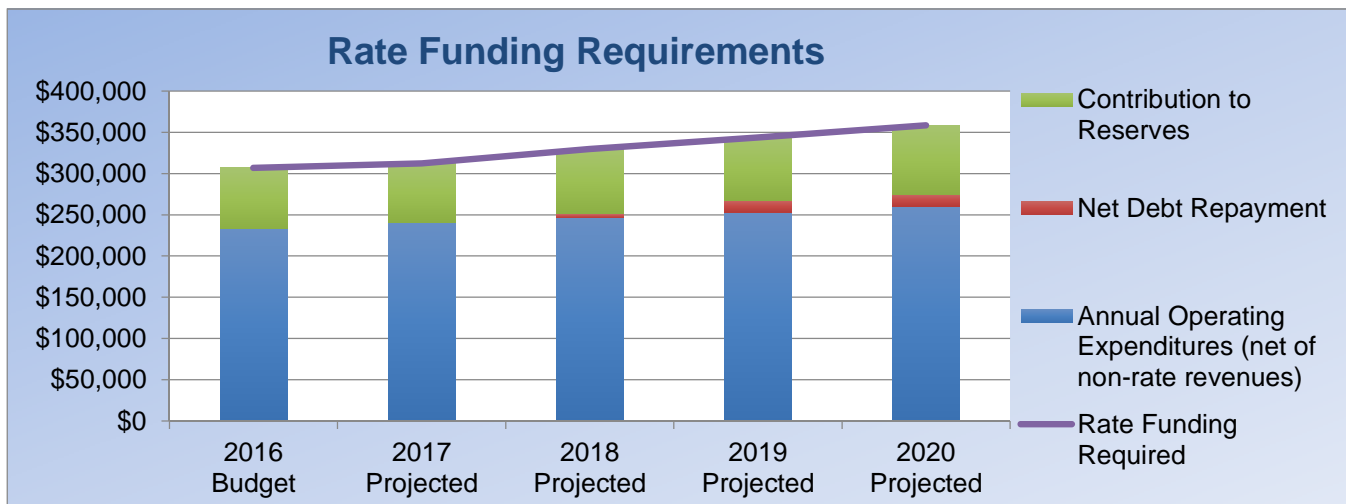




## Wastewater - Drumbo Rates 2017 to 2020

Expenditures					
	2016 Budget	2017 Projected	2018 Projected	2019 Projected	2020 Projected
<b>Operating Expenditures<sup>1</sup></b>					
Annual Operating Expenditures (net of non-rate revenues)	\$233,138	\$240,919	\$246,889	\$253,671	\$260,557
Net Debt Repayment	-	-	4,117	14,117	14,117
<b>Total</b>	<b>233,138</b>	<b>240,919</b>	<b>251,006</b>	<b>267,788</b>	<b>274,674</b>
<b>Asset Replacement Reserve Contribution</b>					
Capital Replacement Requirements (AMP)	74,181	75,665	77,178	78,722	80,296
<b>Contribution to Reserves</b>	<b>73,720</b>	<b>71,256</b>	<b>78,753</b>	<b>75,951</b>	<b>83,576</b>
<b>DC Past Projects</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Rate Funding Required</b>	<b>\$306,858</b>	<b>\$312,175</b>	<b>\$329,759</b>	<b>\$343,739</b>	<b>\$358,250</b>
		2%	6%	4%	4%



Capital Expenditures					
	2016 Budget	2017 Projected	2018 Projected	2019 Projected	2020 Projected
<b>Total Gross Capital Expenditures</b>	394,272	1,100,406	-	-	-
<b>Less: Debentures</b>	-	(200,000)	-	-	-
<b>Less: Funding from Other Sources<sup>2</sup></b>	(230,000)	(115,000)	-	-	-
<b>Funding from Reserves</b>	<b>\$164,272</b>	<b>\$785,406</b>	<b>-</b>	<b>-</b>	<b>-</b>

<sup>1</sup> 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

<sup>2</sup> Sources include CSAP, customer or developer contributions, DC charges



## Wastewater - Drumbo Rates 2017 to 2020

User Rates				
	2017 Projected <sup>1</sup>	2018 Projected	2019 Projected	2020 Projected
<b>Flat Rate Structure</b>				
Total Annual Revenue from Flat Rate	46,494	-	-	-
<b>Metered Rate Structure</b>				
Total Annual Fixed Revenue	212,443	264,755	276,542	288,798
Total Annual Consumption Based Revenue	53,238	65,004	67,197	69,452
<i>Fixed as % of Total Revenues</i>	82.9%	80.3%	80.5%	80.6%
<i>Consumption as % of Total Revenues</i>	17.1%	19.7%	19.5%	19.4%

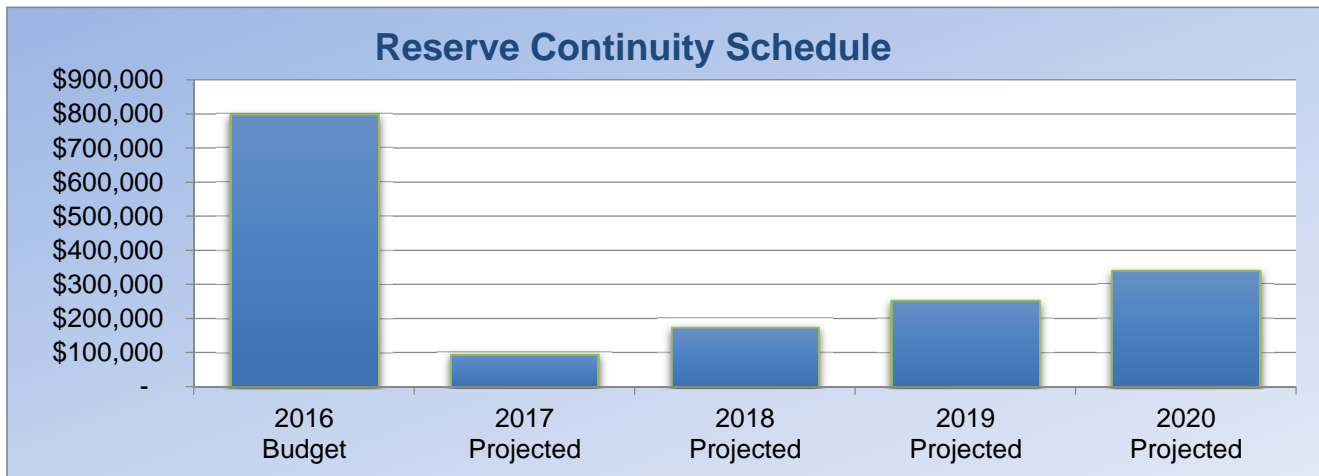
	2016 Budget	2017 Projected <sup>1</sup>	2018 Projected	2019 Projected	2020 Projected
<b>Charge Per Typical Flat to Metered House (170m3/year)</b>					
Fixed Charge	922	805	829	854	880
Consumption Charge	-	191	195	198	202
<b>Annual Charge</b>	<b>\$922</b>	<b>\$996</b>	<b>\$1,024</b>	<b>\$1,053</b>	<b>\$1,082</b>
<i>Annual Increase (%)</i>		8.0%	2.8%	2.8%	2.8%
<b>Charge Per Typical Metered House (170m3/year)</b>					
Fixed Charge	619	805	829	854	880
Consumption Charge	187	191	195	198	202
<b>Annual Charge</b>	<b>\$806</b>	<b>\$996</b>	<b>\$1,024</b>	<b>\$1,053</b>	<b>\$1,082</b>
<i>Annual Increase (%)</i>		23.5%	2.8%	2.8%	2.8%
<b>Charge Per Typical Commercial (618m3/month)</b>					
Fixed Charge (2" meter)	1,797	2,335	2,406	2,478	2,552
Consumption Charge	9,212	9,397	9,585	9,776	9,972
<b>Annual Charge</b>	<b>\$11,009</b>	<b>\$11,732</b>	<b>\$11,991</b>	<b>\$12,254</b>	<b>\$12,524</b>
<i>Annual Increase (%)</i>		6.6%	2.2%	2.2%	2.2%
<b>Charge Per Typical Industrial (2500m3/month)</b>					
Fixed Charge (3" meter)	6,815	8,859	9,125	9,398	9,680
Consumption Charge	36,848	37,585	38,337	39,104	39,886
<b>Annual Charge</b>	<b>\$43,663</b>	<b>\$46,444</b>	<b>\$47,462</b>	<b>\$48,502</b>	<b>\$49,566</b>
<i>Annual Increase (%)</i>		6.4%	2.2%	2.2%	2.2%
<b>Charge Per Typical Industrial (10000m3/month)</b>					
Fixed Charge (6" meter)	13,010	16,912	17,420	17,942	18,481
Consumption Charge	146,648	149,581	152,573	155,624	158,737
<b>Annual Charge</b>	<b>\$159,658</b>	<b>\$166,493</b>	<b>\$169,993</b>	<b>\$173,566</b>	<b>\$177,218</b>
<i>Annual Increase (%)</i>		4.3%	2.1%	2.1%	2.1%

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



## Wastewater - Drumbo Rates 2017 to 2020

Reserve Continuity Schedule					
	2016 Budget	2017 Projected	2018 Projected	2019 Projected	2020 Projected
<b>Opening Balance</b>	\$875,221	\$796,485	\$93,087	\$173,096	\$251,384
Interest Allocation	11,815	10,753	1,257	2,337	3,394
Transfer to Reserves	73,720	71,256	78,753	75,951	83,576
Transfer from Reserves	(164,272)	(785,406)	-	-	-
<b>Net Contribution to (from) Reserves</b>	<b>\$(78,737)</b>	<b>\$(703,398)</b>	<b>\$80,009</b>	<b>\$78,288</b>	<b>\$86,969</b>
<b>Closing Balance</b>	<b>\$796,485</b>	<b>\$93,087</b>	<b>\$173,096</b>	<b>\$251,384</b>	<b>\$338,353</b>





## Wastewater - Drumbo Rates 2017 to 2020

	2016 Rates	2017 Proposed Rates	2018 Proposed Rates	2019 Proposed Rates	2020 Proposed Rates
<b>Metered Structure</b>					
<b>1) Consumption - Charge per cubic meter</b>					
<b>a) County</b>					
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>b) County - ICI</b>					
0-15 cubic metres/month	\$1.05	\$1.07	\$1.09	\$1.11	\$1.14
16-45 cubic metres/month	\$1.19	\$1.21	\$1.24	\$1.26	\$1.29
46-850 cubic metres/month	\$1.25	\$1.28	\$1.30	\$1.33	\$1.35
851 + cubic metres/month	\$1.22	\$1.24	\$1.27	\$1.29	\$1.32
<i>Increase (%)</i>		2.0%	2.0%	2.0%	2.0%
<b>2) Fixed Charge - Charge per cubic meter</b>					
Less than 1"	\$51.62	\$67.11	\$69.12	\$71.19	\$73.33
Less than 1" - ICI	-	-	-	-	-
1"	\$72.27	\$93.95	\$96.77	\$99.67	\$102.66
1 1/2"	\$92.93	\$120.81	\$124.43	\$128.17	\$132.01
2"	\$149.71	\$194.62	\$200.46	\$206.48	\$212.67
3"	\$567.88	\$738.24	\$760.39	\$783.20	\$806.70
4"	\$722.75	\$939.58	\$967.76	\$996.80	\$1,026.70
6"	\$1,084.13	\$1,409.37	\$1,451.65	\$1,495.20	\$1,540.06
8"	-	-	-	-	-
Greater than 10"	-	-	-	-	-
<i>Increase (%)</i>		30.0%	3.0%	3.0%	3.0%
<b>Flat Structure</b>					
Monthly Fee <sup>1</sup>	\$76.85	\$120.00	\$122.40	\$124.85	\$127.34
<i>Increase (%)</i>		56.1%	2.0%	2.0%	2.0%
Special Circumstances Customer <sup>2</sup>	\$70.00	\$70.00	\$71.40	\$72.83	\$74.28
<i>Increase (%)</i>		0.0%	2.0%	2.0%	2.0%

<sup>1</sup> 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)

<sup>2</sup> 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