

**College Place**  
**Utility Rate Study: Stormwater Utility**  
**Summary**

Revenue Requirement	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>Revenues</b>										
Rate Revenues Under Existing Rates	\$ -	\$ 530,000	\$ 545,900	\$ 562,277	\$ 579,145	\$ 596,520	\$ 626,346	\$ 657,663	\$ 690,546	\$ 725,073
Non-Rate Revenues	-	-	482	659	1,444	987	687	1,326	2,001	9,674
<b>Total Revenues</b>	<b>\$ -</b>	<b>\$ 530,000</b>	<b>\$ 546,382</b>	<b>\$ 562,936</b>	<b>\$ 580,589</b>	<b>\$ 597,506</b>	<b>\$ 627,033</b>	<b>\$ 658,989</b>	<b>\$ 692,547</b>	<b>\$ 734,747</b>
<b>Expenses</b>										
Cash Operating Expenses	\$ -	\$ 207,722	\$ 243,288	\$ 250,300	\$ 257,528	\$ 264,977	\$ 272,835	\$ 280,944	\$ 289,314	\$ 297,952
Existing Debt Service	-	-	-	-	-	-	-	-	-	-
New Debt Service	-	76,263	76,263	76,263	76,263	-	-	3,930	263,939	263,939
Rate Fund Capital	-	82,478	107,365	109,441	110,714	119,893	125,430	125,430	125,430	125,430
Additions Required to Meet Reserves	-	-	-	-	-	-	-	-	-	-
<b>Total Expenses</b>	<b>\$ -</b>	<b>\$ 366,463</b>	<b>\$ 426,916</b>	<b>\$ 436,004</b>	<b>\$ 444,504</b>	<b>\$ 384,870</b>	<b>\$ 398,265</b>	<b>\$ 410,304</b>	<b>\$ 678,683</b>	<b>\$ 687,321</b>
<b>Net Surplus (Deficiency)</b>	<b>\$ -</b>	<b>\$ 163,537</b>	<b>\$ 119,465</b>	<b>\$ 126,933</b>	<b>\$ 136,086</b>	<b>\$ 212,637</b>	<b>\$ 228,768</b>	<b>\$ 248,685</b>	<b>\$ 13,864</b>	<b>\$ 47,426</b>
Additions to Meet Coverage	-	-	-	-	-	-	-	-	(1,841)	-
<b>Total Surplus (Deficiency)</b>	<b>\$ -</b>	<b>\$ 163,537</b>	<b>\$ 119,465</b>	<b>\$ 126,933</b>	<b>\$ 136,086</b>	<b>\$ 212,637</b>	<b>\$ 228,768</b>	<b>\$ 248,685</b>	<b>\$ 12,023</b>	<b>\$ 47,426</b>
<b>Annual Rate Increase</b>		<b>0.00%</b>	<b>3.00%</b>	<b>3.00%</b>	<b>3.00%</b>	<b>3.00%</b>	<b>5.00%</b>	<b>5.00%</b>	<b>5.00%</b>	<b>5.00%</b>
<b>Cumulative Rate Increase</b>		<b>0.00%</b>	<b>3.00%</b>	<b>6.09%</b>	<b>9.27%</b>	<b>12.55%</b>	<b>18.18%</b>	<b>24.09%</b>	<b>30.29%</b>	<b>36.81%</b>
Revenues After Rate Increases	\$ -	\$ 530,000	\$ 562,277	\$ 596,520	\$ 632,848	\$ 671,388	\$ 740,205	\$ 816,076	\$ 899,724	\$ 991,946
Additional Taxes from Rate Increase	-	-	246	514	806	1,123	1,708	2,376	3,138	4,003
<b>Net Cash Flow After Rate Increase</b>	<b>\$ -</b>	<b>\$ 163,537</b>	<b>\$ 135,597</b>	<b>\$ 160,662</b>	<b>\$ 188,982</b>	<b>\$ 286,382</b>	<b>\$ 340,920</b>	<b>\$ 404,722</b>	<b>\$ 219,905</b>	<b>\$ 310,296</b>
Coverage After Rate Increase: Bonded Debt	n/a	4.26	4.19	4.55	4.96	n/a	n/a	136.34	2.33	2.73
Coverage After Rate Increase: Total Debt	n/a	4.26	4.19	4.55	4.96	n/a	n/a	136.34	2.33	2.73
Sample Residential Bill	\$ 9.49	\$ 9.49	\$ 9.78	\$ 10.07	\$ 10.37	\$ 10.68	\$ 11.22	\$ 11.78	\$ 12.37	\$ 12.99
Annual Increase (\$)		\$ 0.00	\$ 0.28	\$ 0.29	\$ 0.30	\$ 0.31	\$ 0.53	\$ 0.56	\$ 0.59	\$ 0.62

Net Cash Flow Check - - - - -

Fund Balance	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>Operating Reserve</b>										
Beginning Balance	\$ -	\$ -	\$ 20,037	\$ 55,634	\$ 116,296	\$ 55,278	\$ 91,660	\$ 132,580	\$ 187,302	\$ 107,207
plus: Net Cash Flow after Rate Increase	-	163,537	135,597	160,662	188,982	286,382	340,920	404,722	219,905	310,296
less: Transfer of Surplus to Capital Fund	-	(228,500)	(100,000)	(100,000)	(250,000)	(250,000)	(300,000)	(350,000)	(300,000)	(350,000)
<b>Ending Balance</b>	<b>\$ -</b>	<b>\$ 20,037</b>	<b>\$ 55,634</b>	<b>\$ 116,296</b>	<b>\$ 55,278</b>	<b>\$ 91,660</b>	<b>\$ 132,580</b>	<b>\$ 187,302</b>	<b>\$ 107,207</b>	<b>\$ 67,503</b>
Actual Days of O&M	#DIV/0!	35 days	83 days	169 days	78 days	126 days	177 days	242 days	134 days	82 days
Minimum Balance Requirement	\$ -	\$ 34,146	\$ 39,993	\$ 41,145	\$ 42,333	\$ 43,558	\$ 44,850	\$ 46,183	\$ 47,558	\$ 48,978
Maximum Balance Requirement	\$ -	\$ 34,146	\$ 39,993	\$ 41,145	\$ 42,333	\$ 43,558	\$ 44,850	\$ 46,183	\$ 47,558	\$ 48,978
<b>Capital Reserve</b>										
Beginning Balance	\$ -	\$ -	\$ 121,185	\$ 156,200	\$ 260,332	\$ 121,278	\$ 129,189	\$ 167,867	\$ 469,833	\$ 1,960,340
plus: System Reinvestment Funding	-	-	107,365	109,441	110,714	119,893	125,430	125,430	125,430	125,430
plus: Additional Rate Funded Capital	-	228,500	100,000	100,000	250,000	250,000	300,000	350,000	300,000	350,000
plus: Capital Grants / Other Resources	-	219,206	-	-	1,339,386	628,814	-	890,069	1,750,000	1,500,000
plus: SDC Revenue Towards Capital	-	-	-	-	-	-	-	-	-	-
plus: Revenue Bond Proceeds	-	270,000	-	-	-	-	-	45,340	3,000,000	-
plus: Transfer In from 320	-	100,000	-	-	-	200,000	-	-	-	-
plus: Other Loans 2 Proceeds	-	-	-	-	-	-	-	-	-	-
plus: Other Loans 3 Proceeds	-	-	-	-	-	-	-	-	-	-
plus: Interest Earnings	-	2,794	606	781	1,952	910	969	1,679	4,698	19,603
<b>Total Funding Sources</b>	<b>\$ -</b>	<b>\$ 820,500</b>	<b>\$ 329,156</b>	<b>\$ 366,422</b>	<b>\$ 1,962,384</b>	<b>\$ 1,320,894</b>	<b>\$ 555,588</b>	<b>\$ 1,580,384</b>	<b>\$ 5,649,962</b>	<b>\$ 3,955,374</b>
less: Capital Expenditures	-	(699,315)	(172,956)	(106,090)	(1,841,106)	(1,191,704)	(387,722)	(1,110,551)	(3,689,622)	(3,800,310)
<b>Ending Capital Fund Balance</b>	<b>\$ -</b>	<b>\$ 121,185</b>	<b>\$ 156,200</b>	<b>\$ 260,332</b>	<b>\$ 121,278</b>	<b>\$ 129,189</b>	<b>\$ 167,867</b>	<b>\$ 469,833</b>	<b>\$ 1,960,340</b>	<b>\$ 155,063</b>
Minimum Target Balance	\$ -	\$ 71,732	\$ 73,462	\$ 74,522	\$ 92,933	\$ 104,851	\$ 108,728	\$ 119,833	\$ 156,729	\$ 194,733
<b>Combined Beginning Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 141,222</b>	<b>\$ 211,834</b>	<b>\$ 376,627</b>	<b>\$ 176,556</b>	<b>\$ 220,850</b>	<b>\$ 300,447</b>	<b>\$ 657,136</b>	<b>\$ 2,067,548</b>
<b>Combined Ending Balance</b>	<b>\$ -</b>	<b>\$ 141,222</b>	<b>\$ 211,834</b>	<b>\$ 376,627</b>	<b>\$ 176,556</b>	<b>\$ 220,850</b>	<b>\$ 300,447</b>	<b>\$ 657,136</b>	<b>\$ 2,067,548</b>	<b>\$ 222,566</b>
Ending Total Days of Operating Expenditures	#DIV/0!	248 days	317 days	548 days	249 days	303 days	399 days	847 days	2,580 days	269 days
Combined Minimum Target Balance	-	105,878	113,454	115,668	135,267	148,408	153,577	166,016	204,288	243,711

Operating Check - - - - -  
Capital Check - - - - -

**College Place**  
**Utility Rate Study: Stormwater Utility**  
*Summary*

Revenue Requirement
<b>Revenues</b>
Rate Revenues Under Existing Rates
Non-Rate Revenues
Total Revenues
<b>Expenses</b>
Cash Operating Expenses
Existing Debt Service
New Debt Service
Rate Fund Capital
Additions Required to Meet Reserves
Total Expenses
<b>Net Surplus (Deficiency)</b>
Additions to Meet Coverage
Total Surplus (Deficiency)
<b>Annual Rate Increase</b>
<b>Cumulative Rate Increase</b>
Revenues After Rate Increases
Additional Taxes from Rate Increase
Net Cash Flow After Rate Increase
Coverage After Rate Increase: Bonded Debt
Coverage After Rate Increase: Total Debt
Sample Residential Bill
Annual Increase (\$)

Net Cash Flow Check

Fund Balance
<b>Operating Reserve</b>
Beginning Balance
plus: Net Cash Flow after Rate Increase
less: Transfer of Surplus to Capital Fund
Ending Balance
<i>Actual Days of O&amp;M</i>
<i>Minimum Balance Requirement</i>
<i>Maximum Balance Requirement</i>
<b>Capital Reserve</b>
Beginning Balance
plus: System Reinvestment Funding
plus: Additional Rate Funded Capital
plus: Capital Grants / Other Resources
plus: SDC Revenue Towards Capital
plus: Revenue Bond Proceeds
plus: Transfer In from 320
plus: Other Loans 2 Proceeds
plus: Other Loans 3 Proceeds
plus: Interest Earnings
Total Funding Sources
less: Capital Expenditures
Ending Capital Fund Balance
<i>Minimum Target Balance</i>
<b>Combined Beginning Balance</b>
<b>Combined Ending Balance</b>
<i>Ending Total Days of Operating Expenditures</i>
<i>Combined Minimum Target Balance</i>

Operating Check

Capital Check