

# City of College Place

## Wastewater Rate Study

### Summary

Revenue Requirement	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>Revenues</b>									
Rate Revenues Under Existing Rates	\$ 2,179,662	\$ 2,277,435	\$ 2,345,758	\$ 2,439,588	\$ 2,585,964	\$ 2,663,543	\$ 2,743,449	\$ 2,825,752	\$ 2,910,525
Debt Rate Revenue Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Rate Revenues	482,393	447,233	407,531	423,893	443,694	454,004	473,600	488,875	505,155
<b>Total Revenues</b>	<b>\$ 2,662,055</b>	<b>\$ 2,724,668</b>	<b>\$ 2,753,289</b>	<b>\$ 2,863,481</b>	<b>\$ 3,029,658</b>	<b>\$ 3,117,546</b>	<b>\$ 3,217,049</b>	<b>\$ 3,314,627</b>	<b>\$ 3,415,680</b>
<b>Expenses</b>									
Cash Operating Expenses	\$ 2,050,948	\$ 2,101,185	\$ 2,165,833	\$ 2,283,456	\$ 2,352,609	\$ 2,355,721	\$ 2,418,439	\$ 2,482,728	\$ 2,548,939
Rate Funded System Reinvestment	200,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
<b>Total Expenses</b>	<b>\$ 2,250,948</b>	<b>\$ 2,401,185</b>	<b>\$ 2,465,833</b>	<b>\$ 2,583,456</b>	<b>\$ 2,652,609</b>	<b>\$ 2,655,721</b>	<b>\$ 2,718,439</b>	<b>\$ 2,782,728</b>	<b>\$ 2,848,939</b>
<b>Net Surplus (Deficiency)</b>	<b>\$ 411,107</b>	<b>\$ 323,483</b>	<b>\$ 287,457</b>	<b>\$ 280,025</b>	<b>\$ 377,049</b>	<b>\$ 461,825</b>	<b>\$ 498,610</b>	<b>\$ 531,899</b>	<b>\$ 566,741</b>
Additions to Meet Coverage	-	-	-	-	-	-	-	-	-
<b>Total Surplus (Deficiency)</b>	<b>\$ 411,107</b>	<b>\$ 323,483</b>	<b>\$ 287,457</b>	<b>\$ 280,025</b>	<b>\$ 377,049</b>	<b>\$ 461,825</b>	<b>\$ 498,610</b>	<b>\$ 531,899</b>	<b>\$ 566,741</b>
<b>% of Rate Revenue</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Annual Rate Adjustment</b>	<b>5.00%</b>	<b>3.00%</b>	<b>3.00%</b>	<b>4.00%</b>	<b>6.00%</b>	<b>3.00%</b>	<b>3.00%</b>	<b>3.00%</b>	<b>3.00%</b>
<b>Cumulative Annual Rate Adjustment</b>	<b>15.50%</b>	<b>18.97%</b>	<b>22.53%</b>	<b>27.44%</b>	<b>35.08%</b>	<b>39.13%</b>	<b>43.31%</b>	<b>47.61%</b>	<b>52.04%</b>
Sample Residential Monthly Bill	\$ 56.01	\$ 57.69	\$ 59.42	\$ 61.79	\$ 65.50	\$ 67.47	\$ 69.49	\$ 71.57	\$ 73.72
Monthly Average Increase (\$)	2.67	1.68	1.73	2.38	3.71	1.97	2.02	2.08	2.15
Sample Residential Monthly Bill (Debt Share)	\$ 16.00	\$ 16.00	\$ 16.00	\$ 16.00	\$ 16.00	\$ 16.00	\$ 16.00	\$ 16.00	\$ 16.00
Monthly Average Increase (\$)	-	-	-	-	-	-	-	-	-
<b>Total Monthly Sample Bill</b>	<b>\$ 72.01</b>	<b>\$ 73.69</b>	<b>\$ 75.42</b>	<b>\$ 77.79</b>	<b>\$ 81.50</b>	<b>\$ 83.47</b>	<b>\$ 85.49</b>	<b>\$ 87.57</b>	<b>\$ 89.72</b>
Monthly Average Increase (\$)	2.67	1.68	1.73	2.38	3.71	1.97	2.02	2.08	2.15

# City of College Place

## Wastewater Rate Study

### Summary

Fund Balances	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>OPERATING FUND (401)</b>									
Beginning Balance	\$ 1,298,187	\$ 1,509,294	\$ 1,332,778	\$ 1,120,234	\$ 1,100,259	\$ 1,077,308	\$ 1,239,133	\$ 1,437,743	\$ 1,669,643
plus: Net Cash Flow after Rate Increase	411,107	323,483	287,457	280,025	377,049	461,825	498,610	531,899	566,741
less: Transfer of Rate Funded System Reinvestment	(200,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)
less: Transfer of Surplus to Capital Fund	-	(200,000)	(200,000)	-	(100,000)	-	-	-	-
<b>Ending Balance</b>	<b>\$ 1,509,294</b>	<b>\$ 1,332,778</b>	<b>\$ 1,120,234</b>	<b>\$ 1,100,259</b>	<b>\$ 1,077,308</b>	<b>\$ 1,239,133</b>	<b>\$ 1,437,743</b>	<b>\$ 1,669,643</b>	<b>\$ 1,936,383</b>
O&M Target Balance	\$ 337,142	\$ 345,400	\$ 356,027	\$ 375,363	\$ 386,730	\$ 387,242	\$ 397,552	\$ 408,120	\$ 419,004
Days	269	232	189	176	167	193	217	245	277
<b>CAPITAL RESERVE FUND (411)</b>									
Beginning Balance	\$ 1,009,698	\$ 1,010,323	\$ 1,592,520	\$ 1,175,146	\$ 2,109,387	\$ 885,795	\$ 1,277,887	\$ 1,377,794	\$ 1,910,824
plus: Rate Funded System Reinvestment/ Equipment Transfers	200,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
plus: Transfers from Operations for Equip/Veh Lease Repl.	156,376	156,376	156,376	156,376	156,376	156,376	156,376	156,376	156,376
plus: Transfers from Operations in Excess of Reserves	-	200,000	200,000	-	100,000	-	-	-	-
plus: Transfers from Debt Service Fund in Excess of Reserves	448,754	741,735	312,163	464,687	12,660	28,522	148,100	159,344	170,662
plus: Grants/ Donations/ CIAC	-	-	3,941,000	-	16,232,000	-	-	-	-
plus: Additional Proceeds (Costs)	-	-	-	-	-	-	-	-	-
plus: Connection Charge Revenue	259,000	150,098	245,000	700,000	700,000	245,000	245,000	245,000	245,000
less: Connection Charges Towards Debt	-	-	-	-	-	-	-	-	-
plus: Net Debt Proceeds Available for Projects	-	-	3,646,097	-	4,058,000	-	-	-	-
plus: Interest Earnings	19,192	5,052	7,963	8,814	15,820	6,643	12,779	13,778	19,108
Total Funding Sources	\$ 2,093,020	\$ 2,563,583	\$ 10,401,119	\$ 2,805,022	\$ 23,684,244	\$ 1,622,337	\$ 2,140,141	\$ 2,252,292	\$ 2,801,971
less: Transfers to Econ Dev Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
less: Miscellaneous (Bank Fees and Admin)	\$ (66)	\$ (67)	\$ (69)	\$ (70)	\$ (71)	\$ (73)	\$ (74)	\$ (76)	\$ (77)
less: Capital Expenditures	(1,082,631)	(970,996)	(9,225,905)	(695,564)	(22,798,377)	(344,377)	(762,273)	(341,393)	(268,783)
<b>Ending Working Capital Balance</b>	<b>\$ 1,010,323</b>	<b>\$ 1,592,520</b>	<b>\$ 1,175,146</b>	<b>\$ 2,109,387</b>	<b>\$ 885,795</b>	<b>\$ 1,277,887</b>	<b>\$ 1,377,794</b>	<b>\$ 1,910,824</b>	<b>\$ 2,533,110</b>
Minimum Target Balance	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
<b>COMBINED BEGINNING FUND BALANCE</b>	<b>\$ 2,307,886</b>	<b>\$ 2,519,618</b>	<b>\$ 2,925,298</b>	<b>\$ 2,295,380</b>	<b>\$ 3,209,646</b>	<b>\$ 1,963,103</b>	<b>\$ 2,517,020</b>	<b>\$ 2,815,538</b>	<b>\$ 3,580,467</b>
<b>COMBINED ENDING FUND BALANCE</b>	<b>\$ 2,519,618</b>	<b>\$ 2,925,298</b>	<b>\$ 2,295,380</b>	<b>\$ 3,209,646</b>	<b>\$ 1,963,103</b>	<b>\$ 2,517,020</b>	<b>\$ 2,815,538</b>	<b>\$ 3,580,467</b>	<b>\$ 4,469,493</b>
Combined Days	448	510	387	513	305	391	425	526	640
Total Combined Ending Fund Balance Target	\$ 837,142	\$ 845,400	\$ 856,027	\$ 875,363	\$ 886,730	\$ 887,242	\$ 897,552	\$ 908,120	\$ 919,004
<b>WASTEWATER DEBT SERVICE FUND (412)</b>									
Beginning Balance	\$ 551,546	\$ 550,341	\$ 259,168	\$ 331,174	\$ 295,080	\$ 506,528	\$ 608,756	\$ 604,904	\$ 601,052
plus: Debt Service Revenue	700,000	707,000	714,070	721,211	728,423	735,707	743,064	750,495	758,000
plus: Additional Debt Rate Revenue from Increases	-	-	-	-	-	-	-	-	-
plus: Interest Earnings	6,738	2,752	1,296	2,484	2,213	3,799	6,088	6,049	6,011
<b>Total Funding Sources</b>	<b>\$ 1,258,284</b>	<b>\$ 1,260,093</b>	<b>\$ 974,534</b>	<b>\$ 1,054,869</b>	<b>\$ 1,025,716</b>	<b>\$ 1,246,034</b>	<b>\$ 1,357,908</b>	<b>\$ 1,361,448</b>	<b>\$ 1,365,062</b>
less: Miscellaneous (Bank Fees and Admin)	(21)	(21)	(22)	(22)	-	-	-	-	-
less: Transfer to 425	-	-	-	-	-	-	-	-	-
less: Use of Reserves for Existing Debt Service	(259,168)	(259,168)	(260,076)	(130,491)	(264,631)	(264,631)	(264,631)	(264,631)	(264,631)

# City of College Place

## Wastewater Rate Study

### Summary

less: Use of Reserves for New Debt Service	-	-	(71,099)	(164,589)	(241,897)	(344,125)	(340,273)	(336,421)	(332,569)
less: Transfer of Surplus to Operating Fund	-	-	-	-	-	-	-	-	-
less: Transfer of Surplus to Capital Reserve (if No Manual Entry)	(448,754)	(741,735)	(312,163)	(464,687)	(12,660)	(28,522)	(148,100)	(159,344)	(170,662)
<b>Ending Balance</b>	<b>\$ 550,341</b>	<b>\$ 259,168</b>	<b>\$ 331,174</b>	<b>\$ 295,080</b>	<b>\$ 506,528</b>	<b>\$ 608,756</b>	<b>\$ 604,904</b>	<b>\$ 601,052</b>	<b>\$ 597,200</b>