

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL	Current
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Input Area -- Rates Input**Scenario: 2018 09 06 Scenario 1 -- Status Quo**

Water Revenues by Class																						
W1	Residential	\$	2,679,839	\$	3,372,479	\$	4,172,699	\$	4,778,388	\$	5,416,971	\$	6,078,515	\$	6,706,728	\$	7,299,753	\$	7,861,970	\$	8,467,488	
W2	Residential Outside		1,355,180		1,671,273		2,050,336		2,347,953		2,661,733		2,986,795		3,314,365		3,617,504		3,896,119		4,196,193	
W3	Commercial		1,404,313		1,774,462		2,195,493		2,514,180		2,850,175		3,198,250		3,528,788		3,840,812		4,136,626		4,455,224	
W4	Commercial Outside		433,474		548,222		678,304		776,763		880,569		988,108		1,090,229		1,186,630		1,278,022		1,376,454	
W5	Other5		-		-		-		-		-		-		-		-		-		-	
W6	Other6		-		-		-		-		-		-		-		-		-		-	
W7	Other7		-		-		-		-		-		-		-		-		-		-	
W8	Other8		-		-		-		-		-		-		-		-		-		-	
W9	Other9		-		-		-		-		-		-		-		-		-		-	
W10	Other10		-		-		-		-		-		-		-		-		-		-	
			5,872,806		7,366,426		9,096,832		10,417,285		11,809,448		13,251,668		14,640,110		15,944,699		17,172,738		18,495,359	
Total Water Revenue		\$	5,872,806	\$	7,366,426	\$	9,096,832	\$	10,417,285	\$	11,809,448	\$	13,251,668	\$	14,640,110	\$	15,944,699	\$	17,172,738	\$	18,495,359	

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL																				
	Prior	Current 2018	2018	2020	2021	2022	2023	2024	2025	2026	2027									
Input Area -- Rates Input																				
Scenario: 2018 09 06 Scenario 1 -- Status Quo																				
Less Revenues to be Raised from Rates																				
W1 Residential	\$	2,420,035	\$	3,545,946	\$	3,806,596	\$	5,409,681	\$	5,945,791	\$	6,689,286	\$	6,973,555	\$	7,700,578	\$	8,031,100	\$	8,382,361
W2 Residential Outside		790,984		1,158,987		1,244,180		1,768,145		1,943,372		2,186,382		2,279,295		2,516,921		2,624,952		2,739,761
W3 Commercial		794,755		1,164,511		1,250,111		1,776,574		1,952,636		2,196,804		2,290,160		2,528,919		2,637,465		2,752,821
W4 Commercial Outside		312,987		458,602		492,313		699,642		768,978		865,135		901,900		995,927		1,038,674		1,084,103
W5 Other5		-		-		-		-		-		-		-		-		-		-
W6 Other6		-		-		-		-		-		-		-		-		-		-
W7 Other7		-		-		-		-		-		-		-		-		-		-
W8 Other8		-		-		-		-		-		-		-		-		-		-
W9 Other9		-		-		-		-		-		-		-		-		-		-
W10 Other10		-		-		-		-		-		-		-		-		-		-
Sub-Total		4,318,761		6,328,046		6,793,199		9,654,041		10,610,777		11,937,606		12,444,910		13,742,344		14,332,189		14,959,046
Rate Revenue Less RRRR																				
W1 Residential		259,804		(173,467)		366,103		(631,292)		(528,820)		(610,771)		(266,827)		(400,825)		(169,130)		85,127
W2 Residential Outside		564,195		512,287		806,157		579,808		718,361		800,414		1,035,070		1,100,583		1,271,168		1,456,432
W3 Commercial		609,558		609,940		945,382		737,606		897,539		1,001,446		1,238,628		1,311,893		1,499,162		1,702,403
W4 Commercial Outside		120,488		89,620		185,991		77,121		111,592		122,974		188,329		190,703		239,349		292,351
W5 Other5		-		-		-		-		-		-		-		-		-		-
W6 Other6		-		-		-		-		-		-		-		-		-		-
W7 Other7		-		-		-		-		-		-		-		-		-		-
W8 Other8		-		-		-		-		-		-		-		-		-		-
W9 Other9		-		-		-		-		-		-		-		-		-		-
W10 Other10		-		-		-		-		-		-		-		-		-		-
Total		1,954,046		1,848,248		2,349,555		1,763,244		1,969,972		2,314,392		2,706,896		2,946,894		3,240,546		3,598,699

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Input Area -- Rates Input**Scenario: 2018 09 06 Scenario 1 -- Status Quo**

WW Rate Revenue																									
WW1	Residential				\$	2,535,534	\$	3,308,742	\$	4,332,315	\$	5,250,174	\$	6,298,513	\$	7,479,426	\$	8,458,881	\$	9,297,098	\$	10,111,316	\$	10,996,841	
WW2	Residential Outside					978		1,121		1,222		1,332		1,452		1,583		1,660		1,710		1,761		1,814	
WW3	Commercial					231,918		301,788		395,147		478,864		574,482		682,192		771,528		847,981		922,245		1,003,013	
WW4	Commercial Outside					880		988		1,077		1,173		1,279		1,394		1,462		1,506		1,551		1,598	
WW5	Other5					-		-		-		-		-		-		-		-		-		-	
WW6	Other6					-		-		-		-		-		-		-		-		-		-	
WW7	Other7					-		-		-		-		-		-		-		-		-		-	
WW8	Other8					-		-		-		-		-		-		-		-		-		-	
WW9	Other9					-		-		-		-		-		-		-		-		-		-	
WW10	Other10					-		-		-		-		-		-		-		-		-		-	
	Sub-Total					2,769,309		3,612,639		4,729,761		5,731,544		6,875,726		8,164,595		9,233,531		10,148,295		11,036,873		12,003,266	
WW1	Residential					\$	1,230,064	\$	1,611,698	\$	2,110,283	\$	2,557,374	\$	3,068,023	\$	3,643,249	\$	4,120,344	\$	4,528,642	\$	4,925,250	\$	5,356,592
	3/4"						1,304,566		1,696,858		2,220,478		2,690,916		3,228,231		3,833,494		4,335,502		4,765,121		5,182,439		5,636,305
	1"						-		-		-		-		-		-		-		-		-		-
	1 1/2"						-		-		-		-		-		-		-		-		-		-
	2"						914		1,187		1,554		1,883		2,259		2,683		3,034		3,335		3,627		3,944
	3"						-		-		-		-		-		-		-		-		-		-
	4"						-		-		-		-		-		-		-		-		-		-
	6"						-		-		-		-		-		-		-		-		-		-
	Total						2,535,534		3,308,742		4,332,315		5,250,174		6,298,513		7,479,426		8,458,881		9,297,098		10,111,316		10,996,841
WW2	Residential Outside																								
	3/4"	67%	33%		\$		978	\$	1,121	\$	1,222	\$	1,332	\$	1,452	\$	1,583	\$	1,660	\$	1,710	\$	1,761	\$	1,814
	1"						-		-		-		-		-		-		-		-		-		-
	1 1/2"						-		-		-		-		-		-		-		-		-		-
	2"						-		-		-		-		-		-		-		-		-		-
	3"						-		-		-		-		-		-		-		-		-		-
	4"						-		-		-		-		-		-		-		-		-		-
	6"						-		-		-		-		-		-		-		-		-		-
	8"						-		-		-		-		-		-		-		-		-		-
	10"						-		-		-		-		-		-		-		-		-		-
	Total						978		1,121		1,222		1,332		1,452		1,583		1,660		1,710		1,761		1,814
WW3	Commercial																								
	3/4"				\$		106,090	\$	138,233	\$	180,996	\$	219,343	\$	263,140	\$	312,477	\$	353,397	\$	388,416	\$	422,432	\$	459,428
	1"						21,902		28,513		37,333		45,243		54,277		64,453		72,893		80,117		87,133		94,764
	1 1/2"						9,558		12,431		16,276		19,725		23,663		28,100		31,780		34,929		37,988		41,315
	2"						76,115		98,914		129,513		158,953		188,292		223,596		252,876		277,934		302,275		328,748
	3"						-		-		-		-		-		-		-		-		-		-
	4"						18,253		23,697		31,028		37,601		45,110		53,567		60,582		66,585		72,417		78,759
	6"						-		-		-		-		-		-		-		-		-		-
	8"						-		-		-		-		-		-		-		-		-		-
	Total				\$		231,918	\$	301,788	\$	395,147	\$	478,864	\$	574,482	\$	682,192	\$	771,528	\$	847,981	\$	922,245	\$	1,003,013
WW4	Commercial Outside																								
	3/4"				\$		880	\$	988	\$	1,077	\$	1,173	\$	1,279	\$	1,394	\$	1,462	\$	1,506	\$	1,551	\$	1,598
	1"						-		-		-		-		-		-		-		-		-		-
	1 1/2"						-		-		-		-		-		-		-		-		-		-
	2"						-		-		-		-		-		-		-		-		-		-
	3"						-		-		-		-		-		-		-		-		-		-
	4"						-		-		-		-		-		-		-		-		-		-
	6"						-		-		-		-		-		-		-		-		-		-
	8"						-		-		-		-		-		-		-		-		-		-
	Total						880		988		1,077		1,173		1,279		1,394		1,462		1,506		1,551		1,598

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL											
	Prior	Current	2019	2020	2021	2022	2023	2024	2025	2026	2027

Input Area -- Rates Input**Scenario: 2018 09 06 Scenario 1 -- Status Quo**

<u>Less Revenues to be Raised from Rates</u>											
WW1 Residential	2,911,907	4,029,748	4,255,761	5,753,072	6,074,276	7,793,257	8,091,874	9,870,280	10,195,884	11,366,129	
WW2 Residential Outside	765	866	761	926	858	1,047	1,008	1,152	1,127	1,190	
WW3 Commercial	240,096	333,388	351,996	476,867	503,362	647,167	671,798	820,949	847,829	945,780	
WW4 Commercial Outside	612	692	608	739	709	835	804	918	898	948	
WW5 Other5	-	-	-	-	-	-	-	-	-	-	
WW6 Other6	-	-	-	-	-	-	-	-	-	-	
WW7 Other7	-	-	-	-	-	-	-	-	-	-	
WW8 Other8	-	-	-	-	-	-	-	-	-	-	
WW9 Other9	-	-	-	-	-	-	-	-	-	-	
WW10 Other10	-	-	-	-	-	-	-	-	-	-	
Sub-Total	3,153,381	4,364,694	4,609,127	6,231,624	6,579,235	8,442,305	8,765,484	10,693,300	11,045,739	12,314,027	
<u>Rate Revenue Less RRRR</u>											
WW1 Residential	(376,373)	(721,006)	76,554	(502,898)	224,237	(313,832)	367,006	(573,182)	(84,568)	(369,288)	
WW2 Residential Outside	213	255	461	406	564	536	652	558	634	624	
WW3 Commercial	(8,179)	(31,601)	43,151	1,977	71,120	35,026	99,729	27,032	74,416	57,253	
WW4 Commercial Outside	268	296	468	434	570	560	659	588	653	649	
WW5 Other5	-	-	-	-	-	-	-	-	-	-	
WW6 Other6	-	-	-	-	-	-	-	-	-	-	
WW7 Other7	-	-	-	-	-	-	-	-	-	-	
WW8 Other8	-	-	-	-	-	-	-	-	-	-	
WW9 Other9	-	-	-	-	-	-	-	-	-	-	
WW10 Other10	-	-	-	-	-	-	-	-	-	-	

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Input Area -- Rates Input**Scenario: 2018 09 06 Scenario 1 -- Status Quo****Revenues**

Water Rate Revenues	\$ 5,872,806	\$ 7,366,426	\$ 9,096,832	\$ 10,417,285	\$ 11,809,448	\$ 13,251,668	\$ 14,640,110	\$ 15,944,699	\$ 17,172,738	\$ 18,495,359
WW Rate Revenues	2,769,309	3,612,639	4,729,761	5,731,544	6,875,726	8,164,595	9,233,531	10,148,295	11,036,873	12,003,266
Non-Rate Revenues	2,879,300	2,879,300	3,087,555	2,334,034	2,334,973	2,302,193	2,233,024	2,126,124	1,981,705	2,046,516
	11,521,415	13,858,365	16,914,148	18,482,862	21,020,147	23,718,456	26,106,664	28,219,118	30,191,316	32,545,141

Net Annual Volume after Minimum

Residential

2,001	10,000	50.0%	133,311,710	163,120,543	195,947,288	217,854,440	239,775,199	261,220,933	281,664,312	300,558,566	317,359,978	335,100,599
10,001	20,000	25.0%	44,437,237	54,373,514	65,315,763	72,618,147	79,925,066	87,073,644	93,888,104	100,186,189	105,786,659	111,700,200
20,001	30,000	15.0%	33,327,928	40,780,136	48,986,822	54,463,610	59,943,800	65,305,233	70,416,078	75,139,641	79,339,994	83,775,150
30,001	Above	5.0%	11,109,309	13,593,379	16,328,941	18,154,537	19,981,267	21,768,411	23,472,026	25,046,547	26,446,665	27,925,050
-	-	0.0%	-	-	-	-	-	-	-	-	-	-
-	-	100.0%	222,186,184	271,867,571	326,578,813	363,090,733	399,625,332	435,368,222	469,440,520	500,930,943	528,933,296	558,500,998
Residential Outside												
2,001	10,000	70.0%	49,836,799	60,980,432	73,252,272	81,441,968	89,636,750	97,653,951	105,296,435	112,359,799	118,640,782	125,272,876
10,001	20,000	25.0%	17,798,857	21,778,726	26,161,526	29,086,417	32,013,125	34,876,411	37,605,870	40,128,499	42,371,708	44,740,313
20,001	30,000	5.0%	3,559,771	4,355,745	5,232,305	5,817,283	6,402,625	6,975,262	7,521,174	8,025,700	8,474,342	8,948,063
30,001	Above	0.0%	-	-	-	-	-	-	-	-	-	-
-	-	0.0%	-	-	-	-	-	-	-	-	-	-
-	-	100.0%	71,195,428	87,114,903	104,646,103	116,345,668	128,052,500	139,505,644	150,423,478	160,513,998	169,486,831	178,961,251
Commercial												
2,001	10,000	5.0%	4,916,805	6,016,215	7,226,932	8,034,912	8,843,394	9,634,356	10,388,349	11,085,207	11,704,877	12,359,187
10,001	20,000	5.0%	4,916,805	6,016,215	7,226,932	8,034,912	8,843,394	9,634,356	10,388,349	11,085,207	11,704,877	12,359,187
20,001	30,000	15.0%	14,750,416	18,048,646	21,680,796	24,104,736	26,530,181	28,903,067	31,165,047	33,255,621	35,114,631	37,077,561
30,001	Above	75.0%	73,752,078	90,243,228	108,403,978	120,523,678	132,650,907	144,515,337	155,825,234	166,278,107	175,573,157	185,387,807
-	-	0.0%	-	-	-	-	-	-	-	-	-	-
-	-	100.0%	98,336,104	120,324,304	144,538,637	160,698,238	176,867,876	192,687,116	207,766,978	221,704,143	234,097,543	247,183,742
Commercial Outside												
2,001	10,000	5.0%	1,086,503	1,329,448	1,596,989	1,775,535	1,954,191	2,128,976	2,295,592	2,449,582	2,586,515	2,731,103
10,001	20,000	5.0%	1,086,503	1,329,448	1,596,989	1,775,535	1,954,191	2,128,976	2,295,592	2,449,582	2,586,515	2,731,103
20,001	30,000	15.0%	3,259,510	3,988,345	4,790,968	5,326,605	5,862,574	6,386,928	6,886,775	7,348,745	7,759,544	8,193,308
30,001	Above	75.0%	16,297,551	19,941,725	23,954,842	26,633,024	29,312,869	31,934,641	34,433,874	36,743,724	38,797,721	40,966,538
-	-	0.0%	-	-	-	-	-	-	-	-	-	-
-	-	100.0%	21,730,069	26,588,966	31,939,790	35,510,698	39,083,825	42,579,521	45,911,832	48,991,632	51,730,295	54,622,051

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL											
			Current	2018	2019	2020	2021	2022	2023	2024	2025

Input Area -- Rates Input**Scenario: 2018 09 06 Scenario 1 -- Status Quo**

Total				413,447,785	505,895,744	607,703,343	675,645,338	743,629,533	810,140,503	873,542,808	932,140,716	984,247,965	1,039,268,042
	1,501	15,000	45.7%	189,151,818	231,446,638	278,023,481	309,106,855	340,209,534	370,638,216	399,644,687	426,453,153	450,292,151	475,463,764
	15,001	25,000	16.5%	68,239,402	83,497,904	100,301,210	111,515,011	122,735,776	133,713,387	144,177,914	153,849,477	162,449,759	171,530,802
	25,001	50,000	13.3%	54,897,625	67,172,871	80,690,891	89,712,234	98,739,180	107,570,511	115,989,073	123,769,708	130,688,512	137,994,081
	50,001	75,000	24.5%	101,158,939	123,778,331	148,687,761	166,311,239	181,945,042	196,218,389	213,731,133	228,068,378	240,817,543	254,279,395
	75,001	Above	0.0%	-	-	-	-	-	-	-	-	-	-
			100.0%	413,447,785	505,895,744	607,703,343	675,645,338	743,629,533	810,140,503	873,542,808	932,140,716	984,247,965	1,039,268,042



City of Celina

2018 Water and Wastewater

Rate Study and Financial Forecast

City Council Meeting

Facts about Water and WW Rates in the 21st Century



- Average utility has been increasing rates 5-6% per year; trend expected to continue
- Rate adjustments are primarily due to reasons beyond a utility's control – inflation, system replacement, etc.
- 30-40% of utilities currently charge rates that do not cover their costs
- General rule: a utility can have low rates or high quality service but NOT both!

City of Celina

Current Water Rate Structure



Minimum Charge by Meter Size

Minimum Charge by Meter Size 3/4"	\$ 23.15
(Includes 2,000 Gallons in Base 1"	38.93
1 1/2"	77.87
2"	124.59

Volume Rate (per 1,000 Gallons)

2,001 10,000	\$ 5.06
10,001 20,000	7.66
20,001 30,000	9.02
30,001 Above	13.02

Minimum Charge by Meter Size

Minimum Charge by Meter Size 3/4"	\$ 27.81
(Includes 2,000 Gallons in Base 1"	48.67
1 1/2"	97.34
2"	155.74
3"	233.60
4"	389.34

Volume Rate (per 1,000 Gallons)

2,001 10,000	\$ 5.06
10,001 20,000	7.66
20,001 30,000	9.02
30,001 Above	13.02

Outside Rates 50-121% higher

Residential Rates

Minimum Charge	3/4"	\$ 21.50
(Includes 2,000 Gallons in Base	1"	38.63
	1 1/2"	72.10
	2"	123.60

Volume Rate (per 1,000 Gallons)	\$ 5.84
---------------------------------	---------

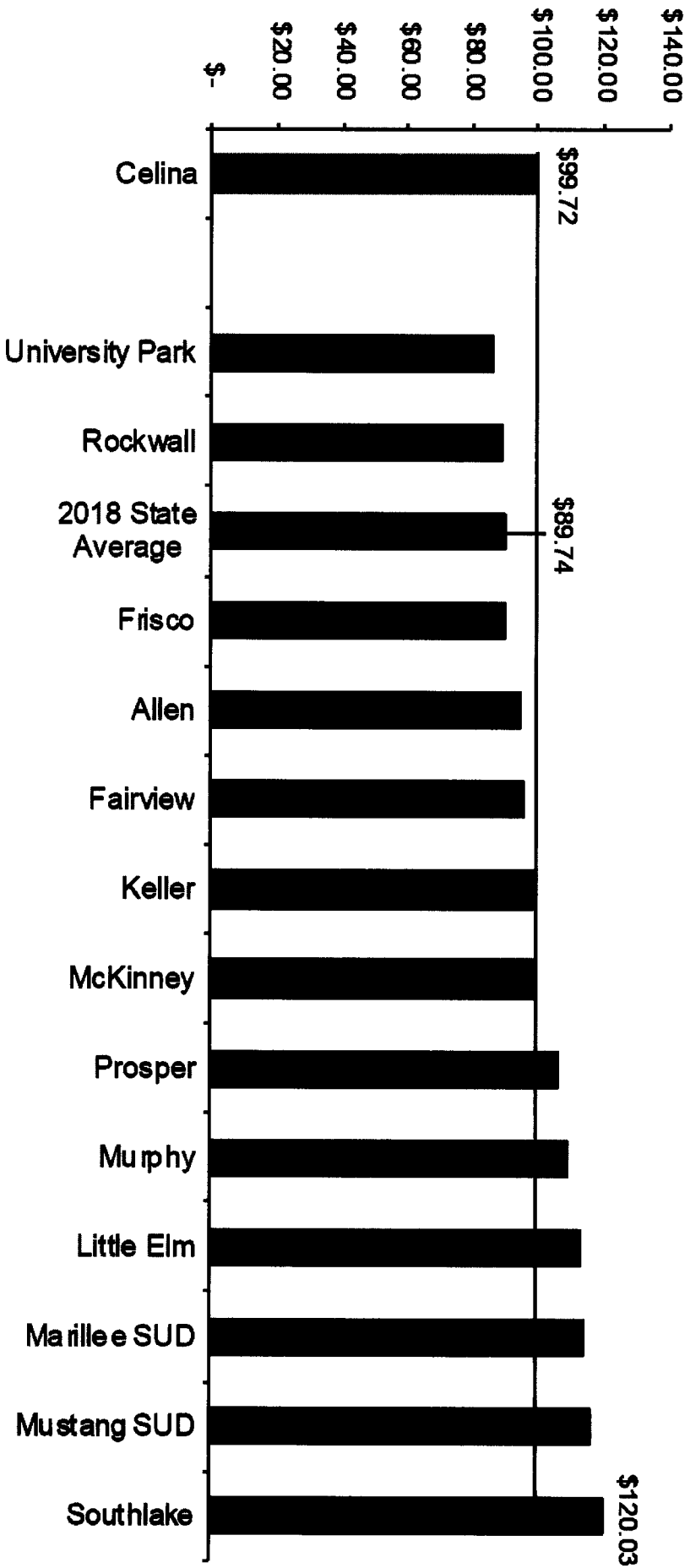
* Volumes are capped at 14,000 monthly water use

Commercial Rates

Minimum Charge by Meter Size	3/4"	\$ 25.75
(Includes 2,000 Gallons in Base	1"	48.29
	1 1/2"	90.13
	2"	154.50
	4"	386.25

Volume Rate (per 1,000 Gallons)	\$ 5.84
---------------------------------	---------

Monthly Residential Charge Comparison 10,000 Gal Water/WW



Current Water and Wastewater Accounts



WASTEWATER Customer Accounts

Residential	3,611
Residential Outside	1,211
Commercial	241
Commercial Outside	<u>28</u>
Total Accounts	5,090

Residential	4,208
Residential Outside	1
Commercial	146
Commercial Outside	<u>1</u>
Total Accounts	4,356

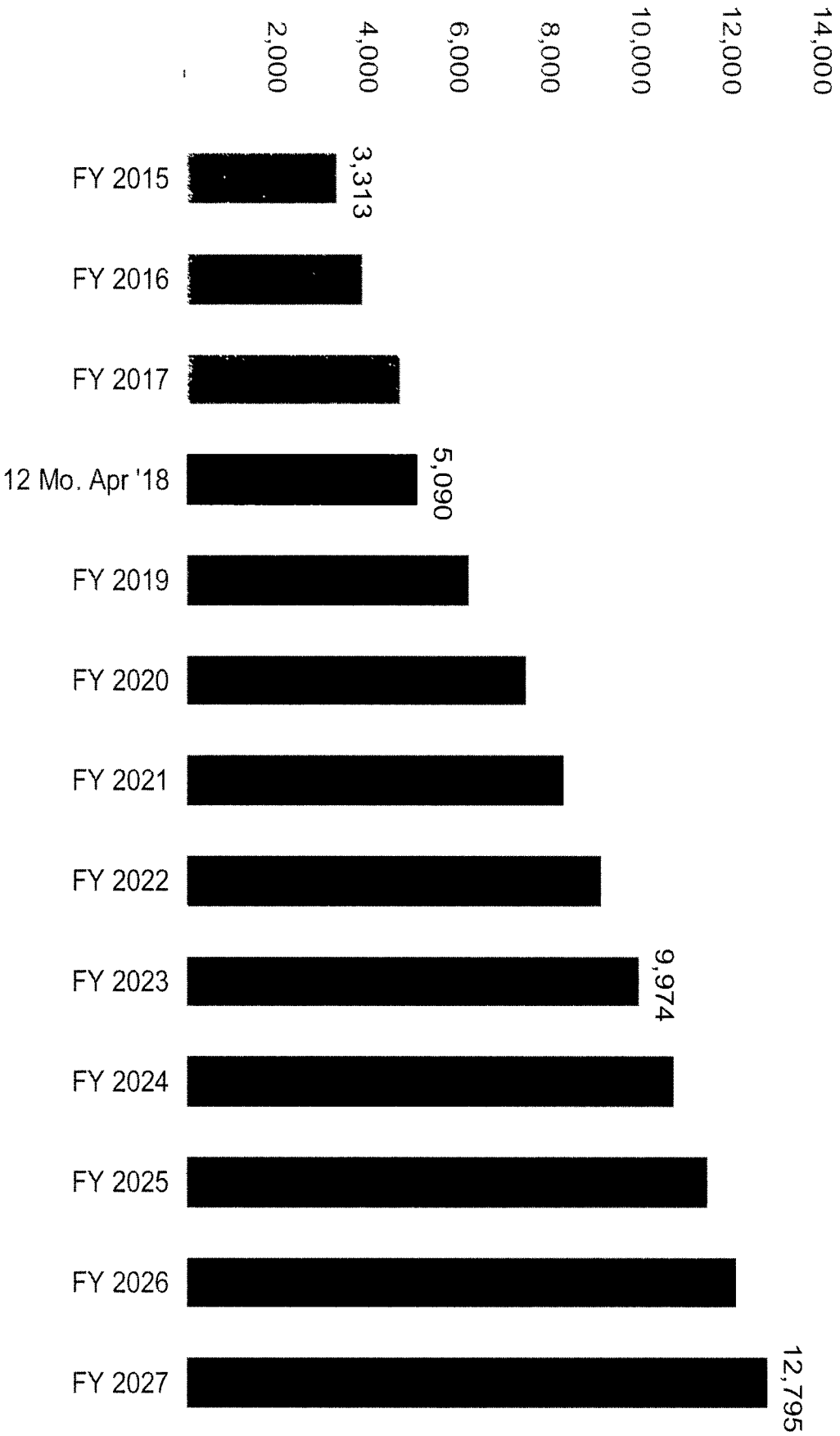
Service Area Forecast Population Growth



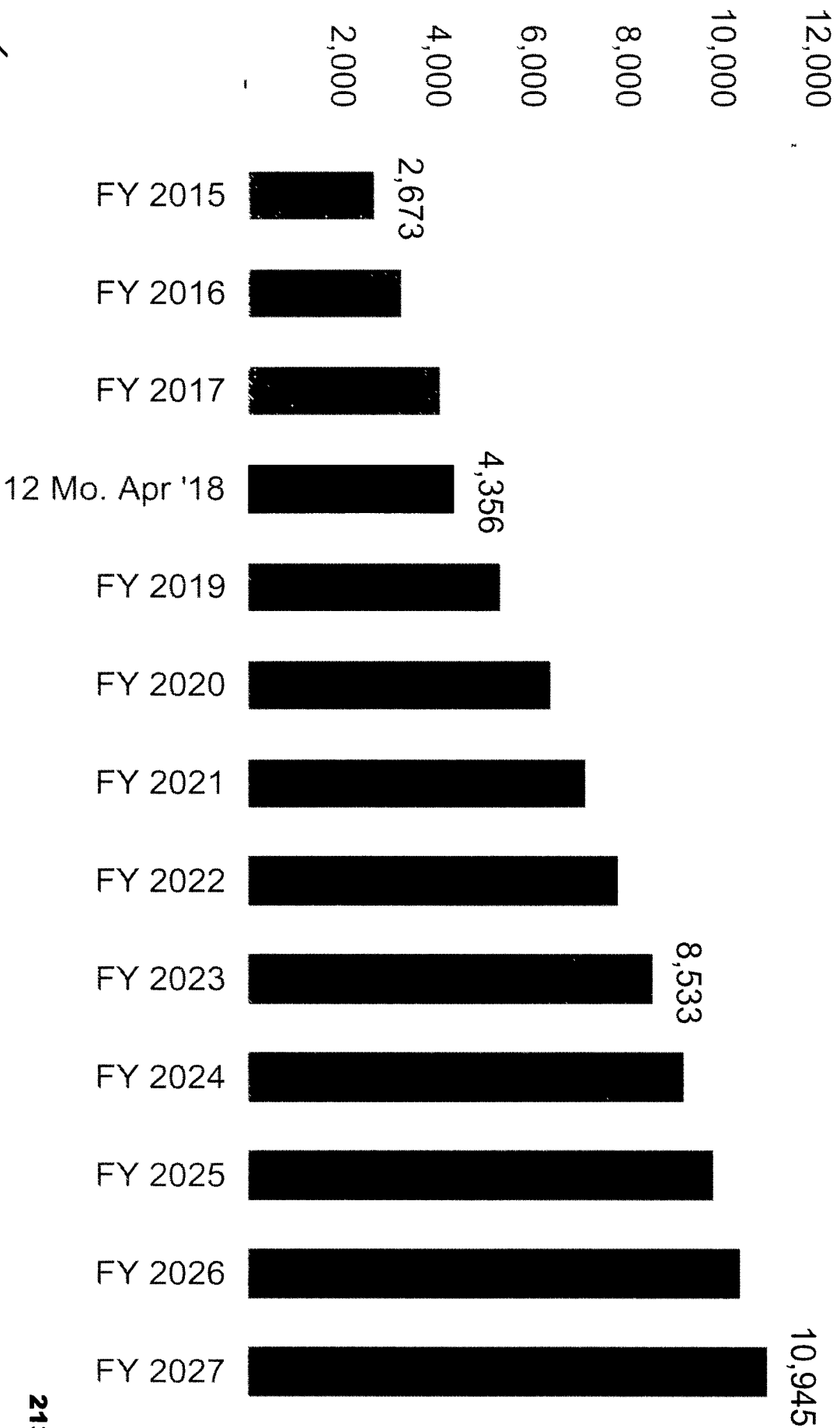
	<u>Population</u>	<u>Total Increase</u>	
		<u>Actual</u>	<u>Percent</u>
2018	16,451		
2019	20,543	4,092	24.9%
2020	25,868	5,325	25.9%
2021	31,440	5,572	21.5%
2022	37,099	5,659	18.0%



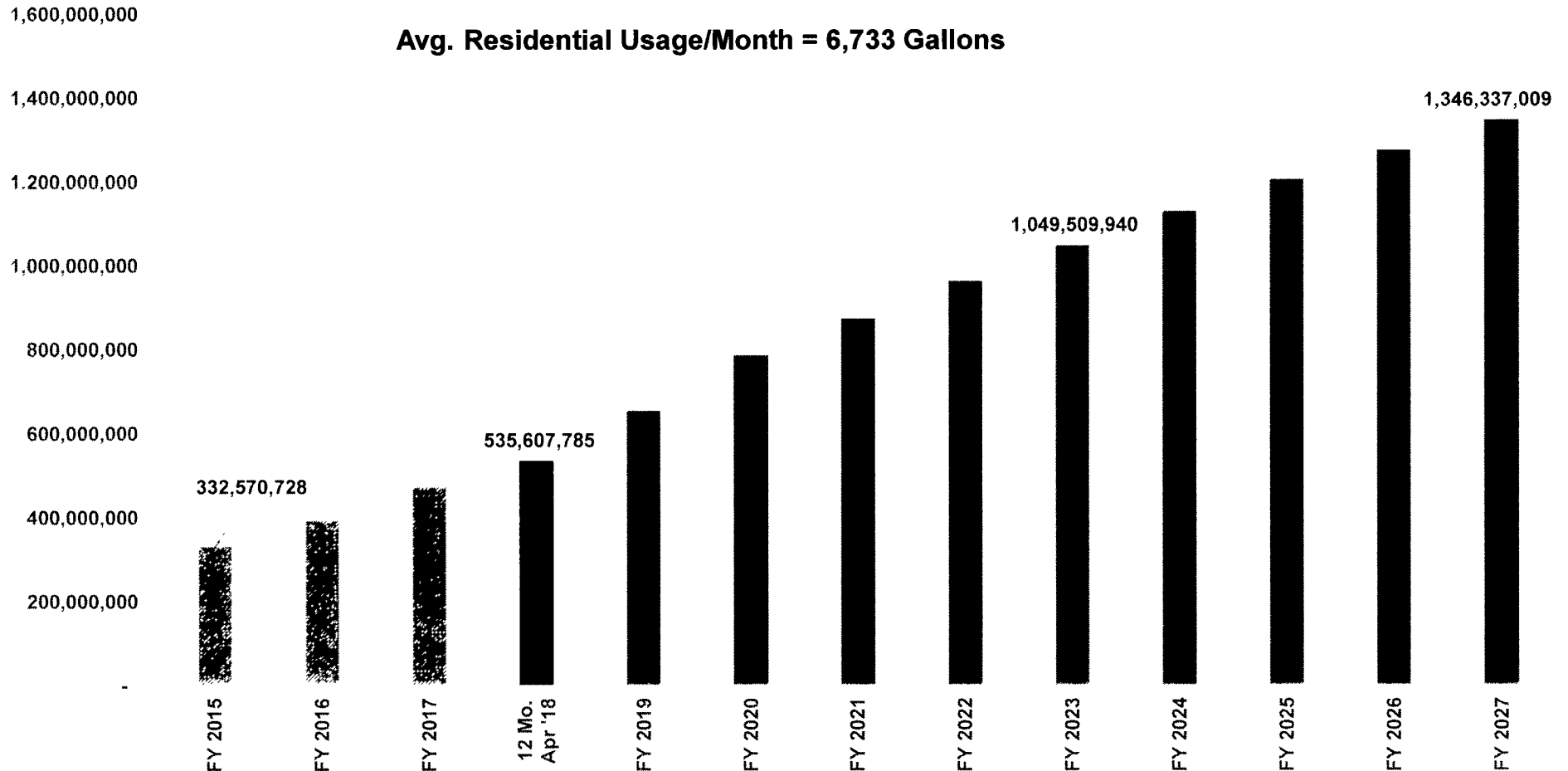
Actual and Forecast Total Water Accounts



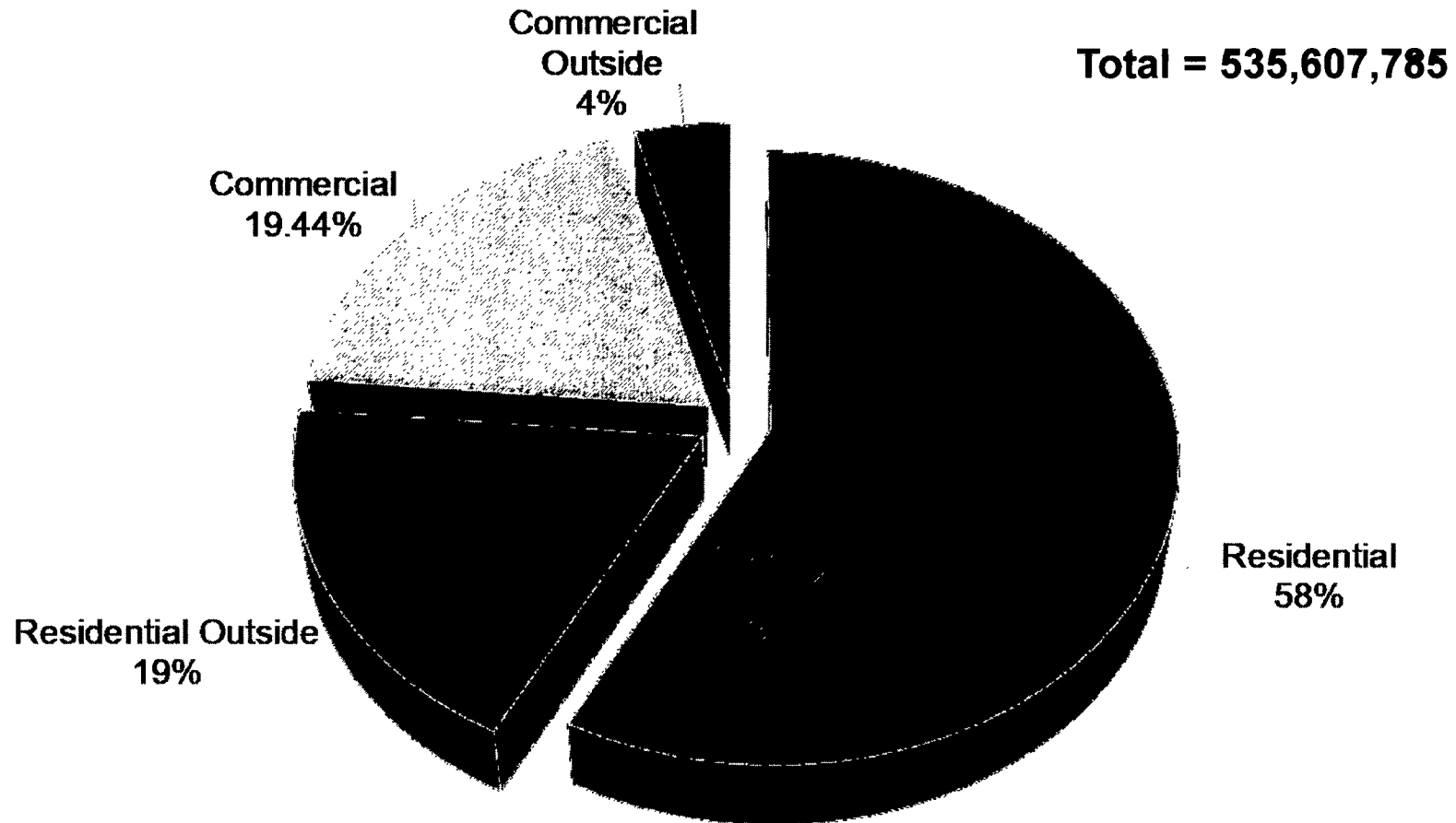
Actual and Forecast Total Wastewater Accounts



Actual and Forecast Water Consumption



Water Consumption By Class



Forecast Financial and Rate Plan

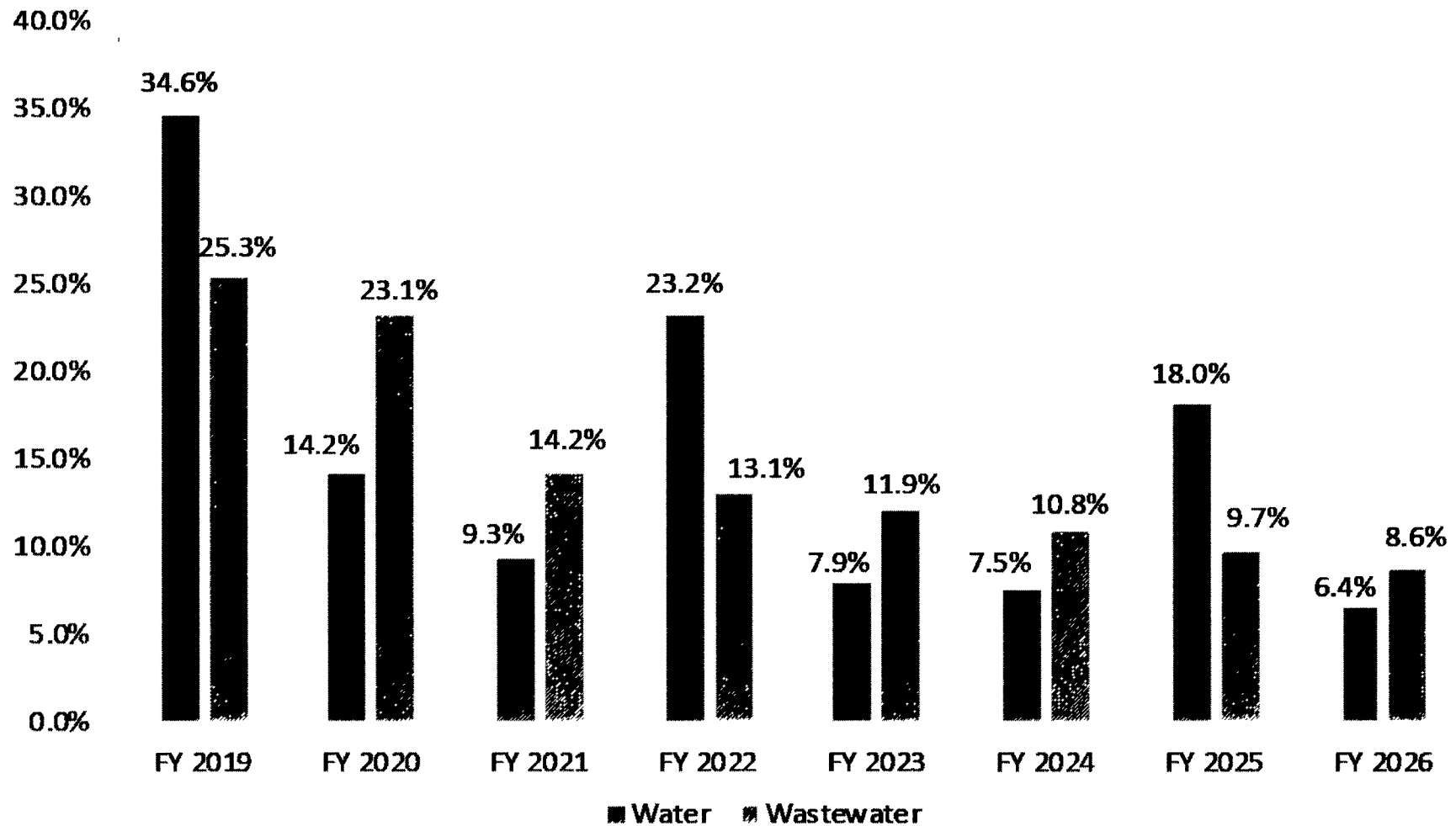
Key Assumptions



- || Most personnel and operating expenses will increase 3% per year
- || Certain expenses will increase with volume and customer growth (electricity/chemicals/health insurance)
- || Biggest impacts on rate plan:
 - ☐ UTRWD Cost Increases
 - ☐ New Debt required to fund CIP



UTRWD Forecast Water/WW Cost Increases



Long-Term Capital/Debt Financing Principal Assumptions

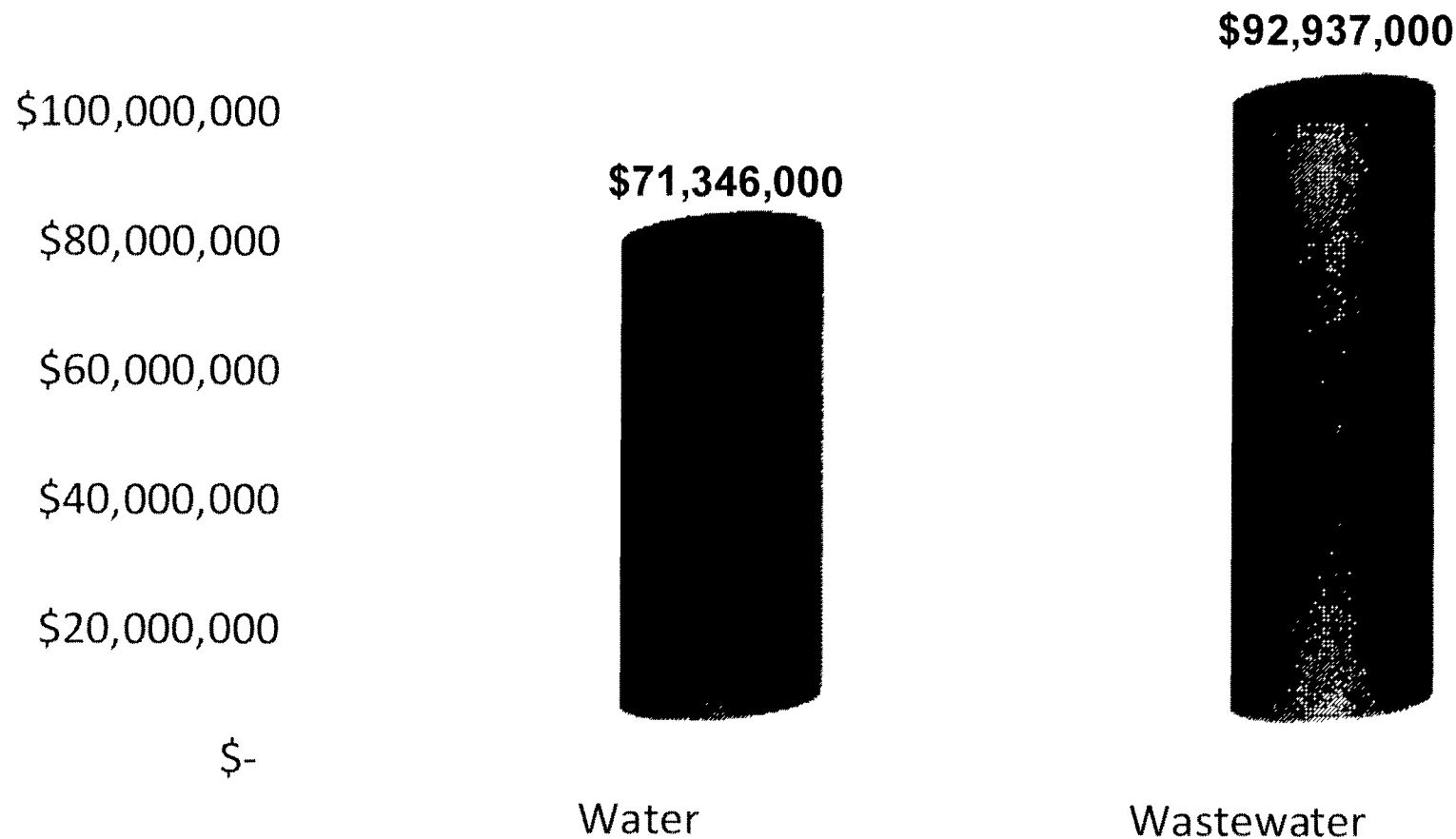


- For high-growth cities like Celina, capital improvement plans are highly volatile and subject to significant and continuous change
- City has provided CIP data for the period through 2027
- Identified capital needs total **\$164,283,000** through 2027
- Rate plan assumes that a significant portion of CIP needs will be funded through bond issues

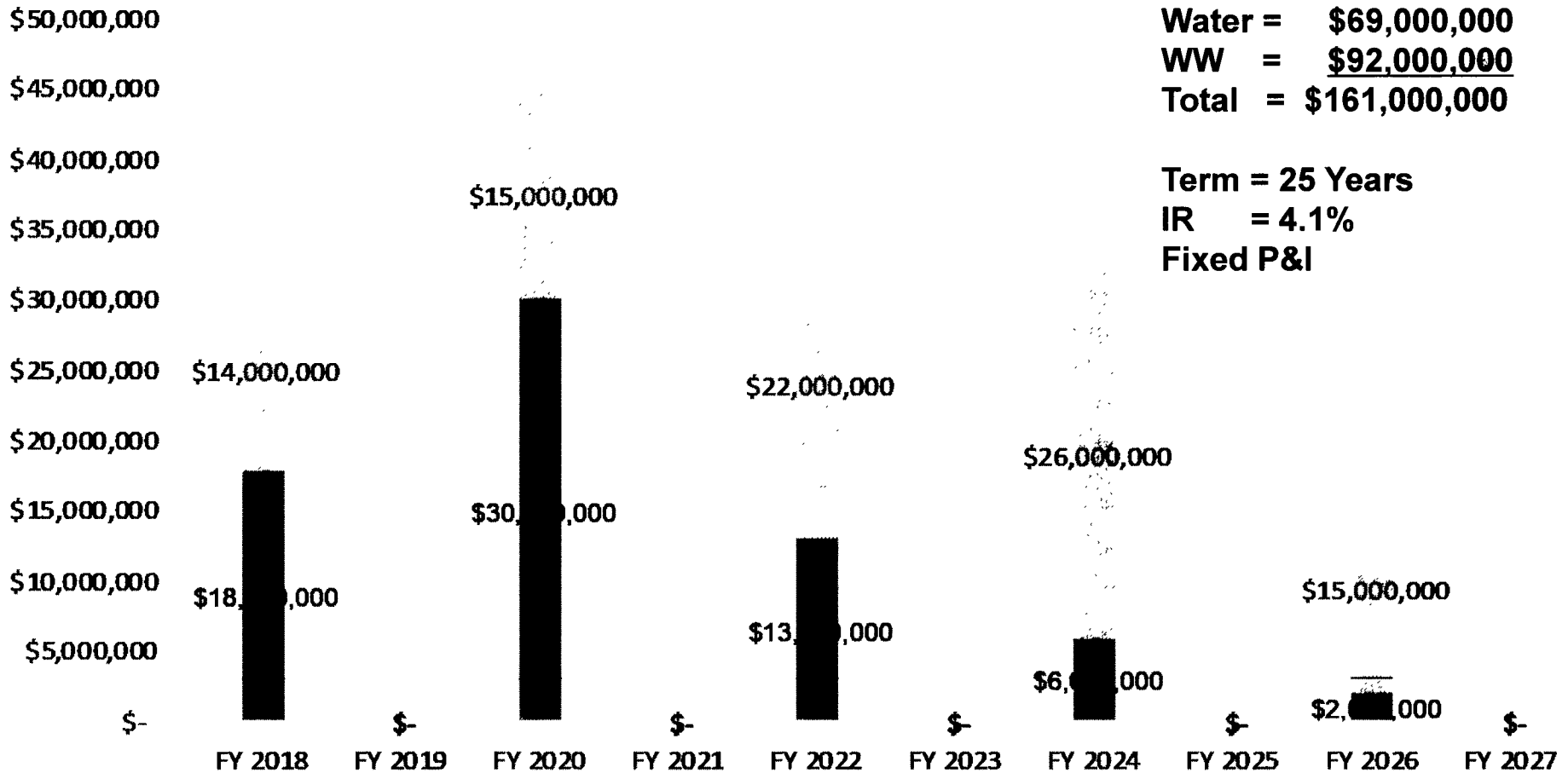
Forecast Water/Wastewater CIP 2018 - 2027



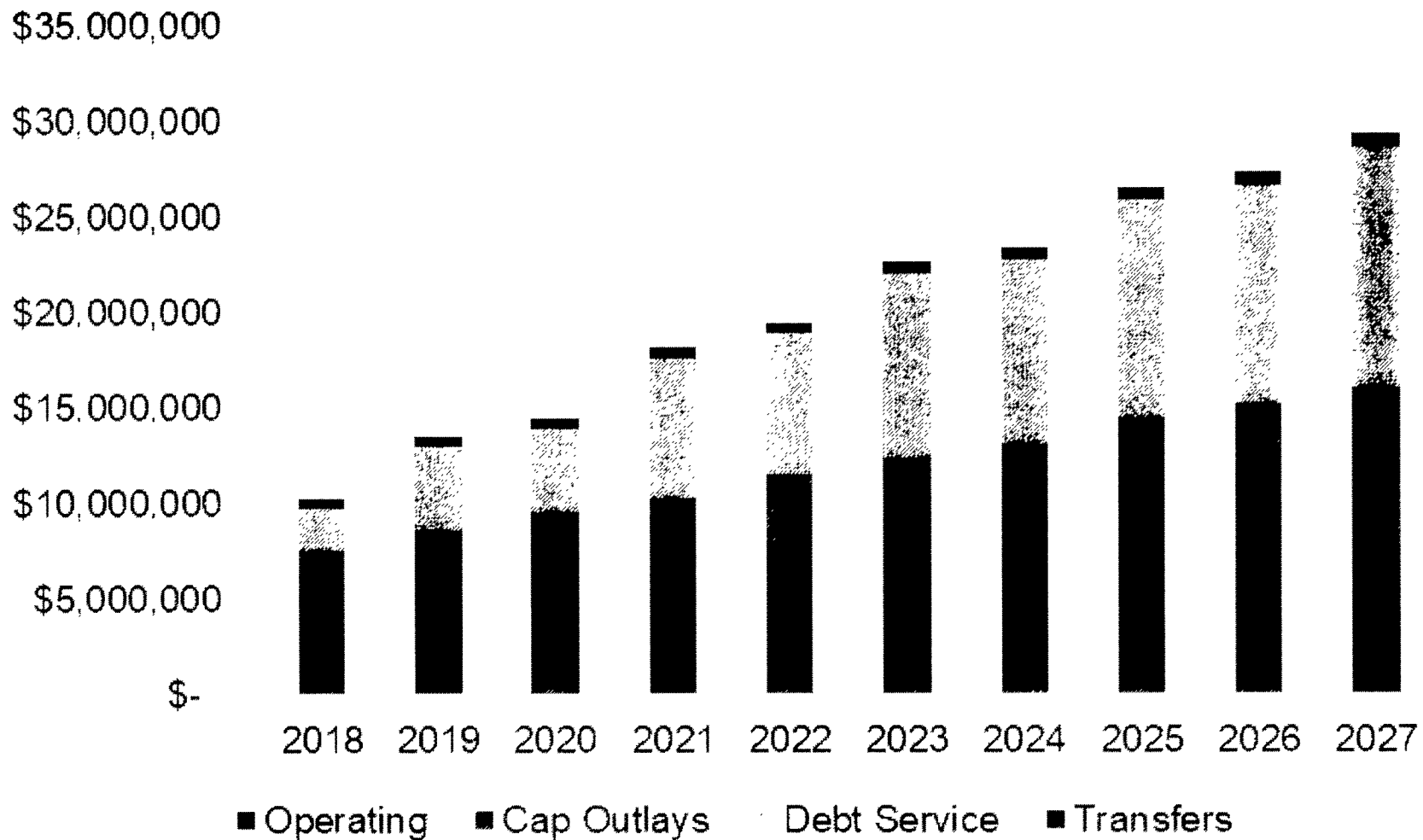
Total = \$164,283,000



Long-Term Financing Forecast Bond Issues



Forecast Revenue Requirement



Forecast Revenue Requirement



	Operating Expenses	Capital Outlays	Debt Service	Transfers & Contingencies	Total Cost of Service	Less Non-Rate Revenues	Net Revenue Requirement
2018	\$ 4,139,331	\$ 181,823	\$ 1,313,274	\$ 359,415	\$ 5,993,844	\$ 1,675,083	\$ 4,318,761
2019	4,943,924	181,823	2,507,185	370,198	8,003,129	1,675,083	6,328,046
2020	5,513,776	181,823	2,509,427	381,304	8,586,330	1,793,131	6,793,199
2021	5,959,027	181,823	4,486,450	392,743	11,020,043	1,366,001	9,654,041
2022	6,903,399	181,823	4,487,564	404,525	11,977,310	1,366,534	10,610,777
2023	7,343,750	181,823	5,343,325	416,661	13,285,559	1,347,952	11,937,606
2024	7,794,602	181,823	5,348,069	429,160	13,753,654	1,308,744	12,444,910
2025	8,810,788	181,823	5,555,847	442,035	14,990,493	1,248,149	13,742,344
2026	9,303,199	181,823	5,558,157	455,296	15,498,475	1,166,286	14,332,189
2027	9,826,129	181,823	5,685,162	468,955	16,162,070	1,203,024	14,959,046
WASTEWATER Revenue Requirement							
2018	3,164,382	117,911	907,720	167,585	4,357,598	1,204,217	3,153,381
2019	3,442,607	117,911	1,835,781	172,612	5,568,911	1,204,217	4,364,694
2020	3,770,518	117,911	1,837,331	177,791	5,903,551	1,294,424	4,609,127
2021	4,073,256	117,911	2,825,364	183,124	7,199,656	968,032	6,231,624
2022	4,415,011	117,911	2,826,134	188,618	7,547,675	968,439	6,579,235
2023	4,807,977	117,911	4,276,380	194,277	9,396,546	954,240	8,442,305
2024	5,092,088	117,911	4,279,659	200,105	9,689,764	924,279	8,765,484
2025	5,382,040	117,911	5,865,215	206,108	11,571,275	877,975	10,693,300
2026	5,664,143	117,911	5,866,812	212,291	11,861,158	815,419	11,045,739
2027	5,967,805	117,911	6,853,144	218,660	13,157,520	843,493	12,314,027

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Notes on Rate Proposal



Many rate scenarios were evaluated by project team and staff prior to proposed plan to be presented today

Project team strongly recommends that rate plan be reviewed on an annual basis to confirm and/or make adjustments to the following:

- Growth forecast
- Amount of New Debt Issued to fund CIP
- Revenue recovered from Connection Fees and other Non-Rate Services

Proposed Rate Plan Water Residential



		Effective Jan-18	Jan-19	Jan-20	Jan-21	Forecast Jan-22	Forecast Jan-23
Minimum Charge -- 1st 2,000 Gal							
3/4"	\$	23.15	\$ 23.84	\$ 24.56	\$ 25.30	\$ 26.06	\$ 26.84
1"		38.93	40.10	41.30	42.54	43.82	45.13
1 1/2"		77.87	80.21	82.61	85.09	87.64	90.27
2"		124.59	128.33	132.18	136.14	140.23	144.43
Volume Rate Per 1,000 Gal							
2,001 10,000		5.06	5.21	5.37	5.53	5.70	5.87
10,001 20,000		7.66	7.89	8.13	8.37	8.62	8.88
20,001 30,000		9.02	9.29	9.57	9.86	10.15	10.46
30,001 Above		13.02	13.41	13.81	14.23	14.65	15.09
Minimum Charge -- 1st 2,000 Gal							
3/4"		34.72	35.77	36.84	37.94	39.08	40.26
1"		58.40	58.40	60.15	61.95	63.81	65.72
1 1/2"		116.81	116.81	120.31	123.92	127.64	131.47
2"		186.89	186.89	192.49	198.27	204.21	210.34
Residential Outside Volume Rate Per 1,000 Gal							
2,001 10,000		7.59	7.59	7.82	8.05	8.29	8.54
10,001 20,000		11.49	11.49	11.83	12.19	12.56	12.93
20,001 30,000		13.53	13.53	13.94	14.35	14.78	15.23
30,001 Above		19.53	19.53	20.12	20.72	21.34	21.98
							224

Proposed Rate Plan Water Commercial



		Effective Jan-18	Jan-19	Jan-20	Jan-21	Forecast Jan-22	Forecast Jan-23
Minimum Charge -- 1st 2,000 Gal							
3/4"	\$	27.81	\$ 28.64	\$ 29.50	\$ 30.39	\$ 31.30	\$ 32.24
1"		48.67	50.13	51.63	53.18	54.78	56.42
1 1/2"		97.34	100.26	103.27	106.37	109.56	112.84
2"		155.74	160.41	165.22	170.18	175.29	180.55
3"		233.60	240.61	247.83	255.26	262.92	270.81
4"		389.34	401.02	413.05	425.44	438.21	451.35
Volume Rate Per 1,000 Gal							
2,001 10,000		5.06	5.21	5.37	5.53	5.70	5.87
10,001 20,000		7.66	7.89	8.13	8.37	8.62	8.88
20,001 30,000		9.02	9.29	9.57	9.86	10.15	10.46
30,001 Above		13.02	13.41	13.81	14.23	14.65	15.09
Minimum Charge -- 1st 2,000 Gal							
3/4"	\$	41.72	\$ 42.97	\$ 44.26	\$ 45.58	\$ 46.95	\$ 48.36
1"		73.01	75.20	77.45	79.77	82.17	84.63
1 1/2"		146.01	150.39	154.90	159.55	164.34	169.27
2"		233.61	240.62	247.84	255.27	262.93	270.82
3"		350.40	360.91	371.74	382.89	394.38	406.21
4"		584.01	601.53	619.58	638.16	657.31	677.03
Volume Rate Per 1,000 Gal							
2,001 10,000		7.59	7.82	8.05	8.29	8.54	8.80
10,001 20,000		11.49	11.83	12.19	12.56	12.93	13.32
20,001 30,000		13.53	13.94	14.35	14.78	15.23	15.68
30,001 Above		19.53	20.12	20.72	21.34	21.98	22.61

Proposed Rate Plan

Wastewater Residential and Commercial



	Effective Jan-18	Jan-19	Jan-20	Jan-21	Forecast Jan-22	Forecast Jan-23
Minimum Charge -- 1st 2,000 Gal						
3/4"	\$ 21.50	\$ 23.44	\$ 25.54	\$ 27.84	\$ 30.35	\$ 33.08
1"	38.63	42.11	45.90	50.03	54.53	59.44
1 1/2"	72.10	78.59	85.66	93.37	101.78	110.93
2"	123.60	134.72	146.85	160.07	174.47	190.17
Volume Rate/1,000 Gal (2,001 to 14,000)	5.84	6.37	6.94	7.56	8.24	8.99
Minimum Charge -- 1st 2,000 Gal						
3/4"	\$ 25.75	\$ 28.07	\$ 30.59	\$ 33.35	\$ 36.35	\$ 39.62
1"	48.29	52.64	57.37	62.54	68.17	74.30
1 1/2"	90.13	98.24	107.08	116.72	127.23	138.68
2"	154.50	168.41	183.56	200.08	218.09	237.72
3"	-	-	-	-	-	-
4"	386.25	421.01	458.90	500.20	545.22	594.29
Volume Rate/1,000 Gal	5.84	6.37	6.94	7.56	8.24	8.99

Proposed Rate Plan Impact on Residential Ratepayers



		Effective Jan-18						Forecast Jan-22	Forecast Jan-23
			Jan-19	Jan-20	Jan-21				
Residential Monthly Charges -- 3/4"									
5,000 Water	5,000 WW	\$ 77.35	\$ 82.01	\$ 87.02	\$ 92.42	\$ 98.22	\$ 104.47		
	Increase -- \$		4.66	5.01	5.39	5.80	6.25		
	Increase -- %		6.0%	6.1%	6.2%	6.3%	6.4%		
10,000 Water	10,000 WW	131.85	139.90	148.56	157.88	167.91	178.73		
	Increase -- \$		8.05	8.66	9.32	10.04	10.82		
	Increase -- %		6.1%	6.2%	6.3%	6.4%	6.4%		
20,000 Water	20,000 WW	266.85	282.45	299.21	317.21	336.56	357.39		
	Increase -- \$		15.60	16.75	18.00	19.35	20.82		
	Increase -- %		5.8%	5.9%	6.0%	6.1%	6.2%		
Commercial Monthly Charges -- 1 1/2"									
30,000 Water	30,000 WW	\$ 558.27	\$ 590.24	\$ 624.53	\$ 661.35	\$ 700.90	\$ 743.41		
	Increase -- \$		31.97	34.30	36.82	39.55	42.51		
			5.7%	5.8%	5.9%	6.0%	6.1%		
60,000 Water	60,000 WW	1,124.07	1,183.52	1,247.08	1,315.06	1,387.83	1,465.79		
	Increase -- \$		59.45	63.55	67.98	72.77	77.96		
	Increase -- %		5.3%	5.4%	5.5%	5.5%	5.6%		

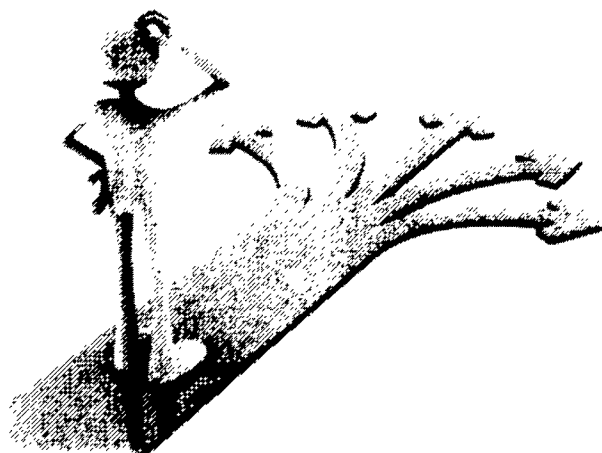
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Presentation Summary

Benefits of Proposed Rate Plan



- Will ensure that utility operates on a stand-alone basis and independent of general fund assistance
- Will cover estimated increased cost of UTRWD purchases
- Will result in financially-healthy utility that has ability to fund operations and capital needs
- Will ensure that ratepayers pay only what it costs to provide service
- Will allow capital investment into system to improve quality of service and provide a well-functioning system for future generations

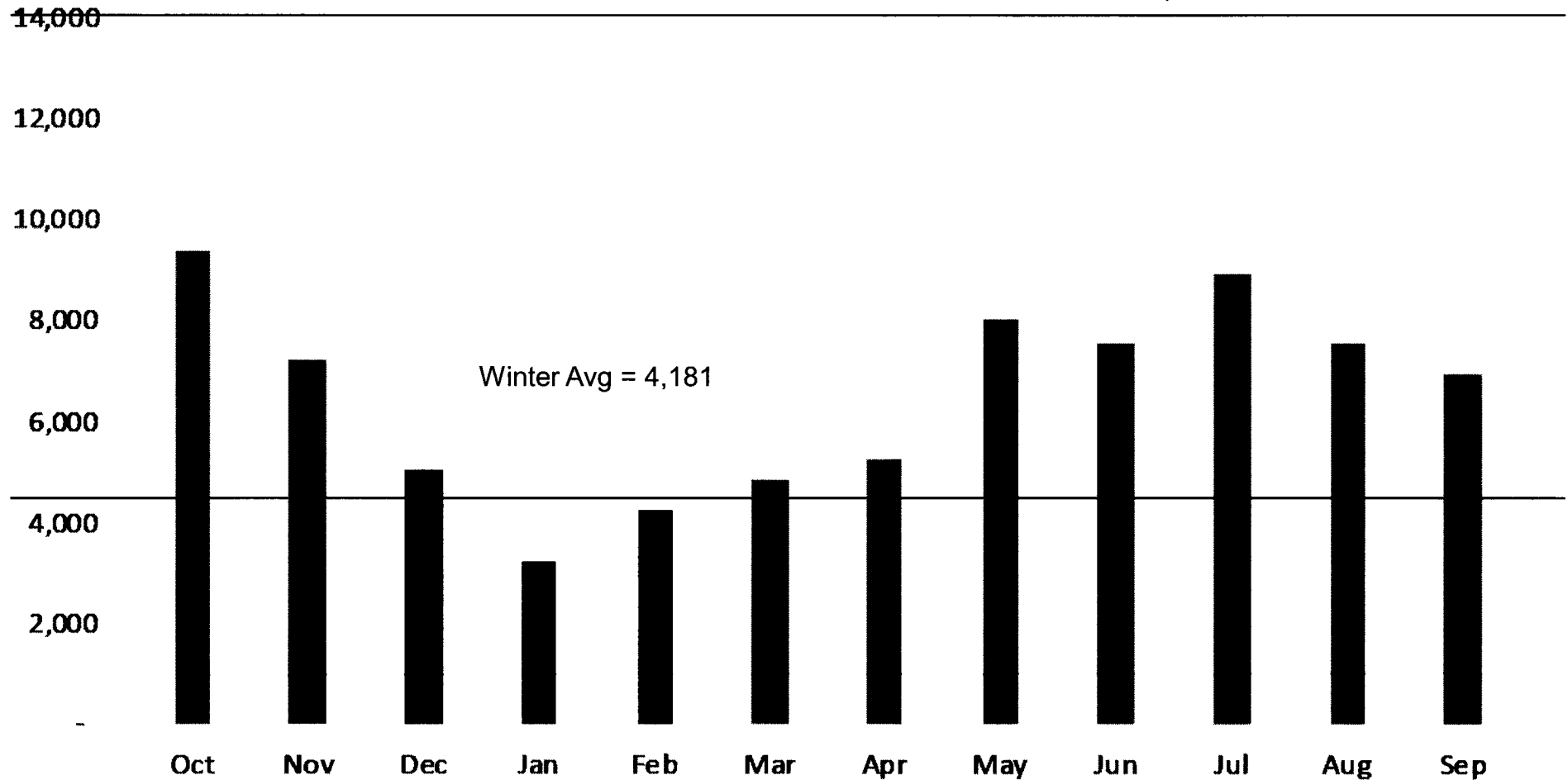


Questions?

City of Celina Winter Average Analysis



Current Cap = 14,000



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CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary

Scen: 2018 11 13 Scenario 1 -- Status Quo

1 Water/Wastewater Rates and Charges**City Water Rates and Charges****City Wastewater Rates and Charges****Monthly Minimum Charge**

3/4"	\$	23.15	\$	23.84	\$	24.56	\$	25.30
1"		38.93		40.10		41.30		42.54
1 1/2"		77.87		80.21		82.61		85.09
2"		124.59		128.33		132.18		136.14

Volume Rate/1,000 Gal

2,001	10,000	\$	5.06	\$	5.21	\$	5.37	\$	5.53
10,001	20,000		7.66		7.89		8.13		8.37
20,001	30,000		9.02		9.29		9.57		9.86
30,001	Above		13.02		13.41		13.81		14.23

City Wastewater Rates and Charges**Monthly Minimum Charge**

3/4"	\$	34.72	\$	35.77	\$	36.84	\$	37.94
1"		58.40		58.40		60.15		61.95
1 1/2"		116.81		116.81		120.31		123.92
2"		186.89		186.89		192.49		198.27

Volume Rate/1,000 Gal

2,001	10,000	\$	7.59	\$	7.82	\$	8.05	\$	8.29
10,001	20,000		11.49		11.83		12.19		12.56
20,001	30,000		13.53		13.94		14.35		14.78
30,001	Above		19.53		20.12		20.72		21.34

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary
Scen: 2018 11 13 Scenario 1 -- Status Quo

Water Distribution Rates

Monthly Minimum Charge

3/4"	\$	27.81	\$	28.64	\$	29.50	\$	30.39
1"		48.67		50.13		51.63		53.18
1 1/2"		97.34		100.26		103.27		106.37
2"		155.74		160.41		165.22		170.18
3"		233.60		240.61		247.83		255.26
4"		389.34		401.02		413.05		425.44

Volume Rate/1,000 Gal

2,001	10,000	\$	5.06	\$	5.21	\$	5.37	\$	5.53
10,001	20,000		7.66		7.89		8.13		8.37
20,001	30,000		9.02		9.29		9.57		9.86
30,001	Above		13.02		13.41		13.81		14.23

Wastewater Distribution Rates

Monthly Minimum Charge

3/4"	\$	41.72	\$	42.97	\$	44.26	\$	45.58
1"		73.01		75.20		77.45		79.77
1 1/2"		146.01		150.39		154.90		159.55
2"		233.61		240.62		247.84		255.27
3"		350.40		360.91		371.74		382.89
4"		584.01		601.53		619.58		638.16

Volume Rate/1,000 Gal

2,001	10,000	\$	7.59	\$	7.82	\$	8.05	\$	8.29
10,001	20,000		11.49		11.83		12.19		12.56
20,001	30,000		13.53		13.94		14.35		14.78
30,001	Above		19.53		20.12		20.72		21.34

CITY OF CELINA				
WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary

Scen: 2018 11 13 Scenario 1 -- Status Quo

2

Monthly Minimum Charge

3/4"	\$	21.50	\$	23.44	\$	25.54	\$	27.84
1"		38.63		42.11		45.90		50.03
1 1/2"		72.10		78.59		85.66		93.37
2"		123.60		134.72		146.85		160.07

Volume Rate/1,000 Gal

2,001	Maximum	5.84	6.37	6.94	7.56
	Maximum Gallons	14,000	13,000	12,000	11,000

Monthly Minimum Charge

3/4"		32.25	35.15	38.32	41.76
1"		57.95	63.16	68.84	75.04
1 1/2"		108.15	117.88	128.49	140.06
2"		185.40	202.09	220.27	240.10

Volume Rate/1,000 Gal

2,001	Maximum	12.90	14.06	15.33	16.71
	Maximum Gallons	14,000	13,000	12,000	11,000

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary
Scen: 2018 11 13 Scenario 1 -- Status Quo

Monthly Minimum Charge

3/4"	25.75	28.07	30.59	33.35
1"	48.29	52.64	57.37	62.54
1 1/2"	90.13	98.24	107.08	116.72
2"	154.50	168.41	183.56	200.08
4"	386.25	421.01	458.90	500.20

Volume Rate/1,000 Gal

2,001	Above	5.84	6.37	6.94	7.56
-------	-------	------	------	------	------

Monthly Minimum Charge

3/4"	38.63	42.10	45.89	50.02
1"	72.44	78.95	86.06	93.81
1 1/2"	135.20	147.36	160.63	175.08
2"	231.75	252.61	275.34	300.12
4"	579.38	631.52	688.36	750.31

Volume Rate/1,000 Gal

2,001	Above	12.90	14.06	15.33	16.71
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CITY OF CELINA				
WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary

Scen: 2018 09 06 Scenario 2 -- WW Inverted Block

1 **Water Inverted Block****City Water Rate and Charges****W1 Residential****Monthly Minimum Charge**

3/4"	\$	23.15	\$	23.84	\$	24.56	\$	25.30
1"		38.93		40.10		41.30		42.54
1 1/2"		77.87		80.21		82.61		85.09
2"		124.59		128.33		132.18		136.14

Volume Rate/1,000 Gal

2,001	10,000	\$	5.06	\$	5.21	\$	5.37	\$	5.53
10,001	20,000		7.66		7.89		8.13		8.37
20,001	30,000		9.02		9.29		9.57		9.86
30,001	Above		13.02		13.41		13.81		14.23

W2 Residential Outside**Monthly Minimum Charge**

3/4"	\$	34.72	\$	35.77	\$	36.84	\$	37.94
1"		58.40		58.40		60.15		61.95
1 1/2"		116.81		116.81		120.31		123.92
2"		186.89		186.89		192.49		198.27

Volume Rate/1,000 Gal

2,001	10,000	\$	7.59	\$	7.59	\$	7.82	\$	8.05
10,001	20,000		11.49		11.49		11.83		12.19
20,001	30,000		13.53		13.53		13.94		14.35
30,001	Above		19.53		19.53		20.12		20.72

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary

Scen: 2018 09 06 Scenario 2 -- WW Inverted Block

Monthly Minimum Charge

	3/4"	\$	27.81	\$	28.64	\$	29.50	\$	30.39
	1"		48.67		50.13		51.63		53.18
	1 1/2"		97.34		100.26		103.27		106.37
	2"		155.74		160.41		165.22		170.18
	3"		233.60		240.61		247.83		255.26
	4"		389.34		401.02		413.05		425.44

Volume Rate/1,000 Gal

2,001	10,000	\$	5.06	\$	5.21	\$	5.37	\$	5.53
10,001	20,000		7.66		7.89		8.13		8.37
20,001	30,000		9.02		9.29		9.57		9.86
30,001	Above		13.02		13.41		13.81		14.23

Monthly Minimum Charge

	3/4"	\$	41.72	\$	42.97	\$	44.26	\$	45.58
	1"		73.01		75.20		77.45		79.77
	1 1/2"		146.01		150.39		154.90		159.55
	2"		233.61		240.62		247.84		255.27
	3"		350.40		360.91		371.74		382.89
	4"		584.01		601.53		619.58		638.16

Volume Rate/1,000 Gal

2,001	10,000	\$	7.59	\$	7.82	\$	8.05	\$	8.29
10,001	20,000		11.49		11.83		12.19		12.56
20,001	30,000		13.53		13.94		14.35		14.78
30,001	Above		19.53		20.12		20.72		21.34

CITY OF CELINA				
WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary

Scen: 2018 09 06 Scenario 2 -- WW Inverted Block

2 [REDACTED]

[REDACTED]

Monthly Minimum Charge

3/4"	\$	21.50	\$	23.44	\$	25.54	\$	27.84
1"		38.63		42.11		45.90		50.03
1 1/2"		72.10		78.59		85.66		93.37
2"		123.60		134.72		146.85		160.07

Volume Rate/1,000 Gal

2,001	5,000	5.84	5.84	6.37	6.94
5,001	Maximum	5.84	7.23	7.88	8.59
	Maximum Gallons	14,000	13,000	12,000	11,000

[REDACTED]

Monthly Minimum Charge

3/4"	32.25	35.15	38.32	41.76
1"	57.95	63.16	68.84	75.04
1 1/2"	108.15	117.88	128.49	140.06
2"	185.40	202.09	220.27	240.10

Volume Rate/1,000 Gal

2,001	5,000	12.90	12.90	14.06	15.33
5,001	Maximum	12.90	15.97	17.41	18.97
	Maximum Gallons	14,000	13,000	12,000	11,000

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary**Scen: 2018 09 06 Scenario 2 -- WW Inverted Block****Monthly Minimum Charge**

3/4"	25.75	28.07	30.59	33.35
1"	48.29	52.64	57.37	62.54
1 1/2"	90.13	98.24	107.08	116.72
2"	154.50	168.41	183.56	200.08
4"	386.25	421.01	458.90	500.20

Volume Rate/1,000 Gal

2,001	Above	5.84	6.37	6.94	7.56
-------	-------	------	------	------	------

Monthly Minimum Charge

3/4"	38.63	42.10	45.89	50.02
1"	72.44	78.95	86.06	93.81
1 1/2"	135.20	147.36	160.63	175.08
2"	231.75	252.61	275.34	300.12
4"	579.38	631.52	688.36	750.31

Volume Rate/1,000 Gal

2,001	Above	12.90	14.06	15.33	16.71
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City of Celina

2018 Water and Wastewater

Rate Study and Financial Forecast

City Council Meeting



November 2018

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Facts about Water and WW Rates in the 21st Century



- Average utility has been increasing rates 5-6% per year; trend expected to continue
- Rate adjustments are primarily due to reasons beyond a utility's control – inflation, system replacement, etc.
- 30-40% of utilities currently charge rates that do not cover their costs
- General rule: a utility can have low rates or high quality service but NOT both!

City of Celina Current Water Rate Structure



Minimum Charge by Meter Size

Minimum Charge by Meter Size 3/4"	\$ 23.15
(Includes 2,000 Gallons in Base 1"	38.93
1 1/2"	77.87
2"	124.59

Volume Rate (per 1,000 Gallons)

2,001 10,000	\$ 5.06
10,001 20,000	7.66
20,001 30,000	9.02
30,001 Above	13.02

Minimum Charge by Meter Size

Minimum Charge by Meter Size 3/4"	\$ 27.81
(Includes 2,000 Gallons in Base 1"	48.67
1 1/2"	97.34
2"	155.74
3"	233.60
4"	389.34

Volume Rate (per 1,000 Gallons)

2,001 10,000	\$ 5.06
10,001 20,000	7.66
20,001 30,000	9.02
30,001 Above	13.02

Residential Rates

Minimum Charge	3/4"	\$ 21.50
(Includes 2,000 Gallons in Base	1"	38.63
	1 1/2"	72.10
	2"	123.60

Volume Rate (per 1,000 Gallons)	\$ 5.84
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* Volumes are capped at 14,000 monthly water use

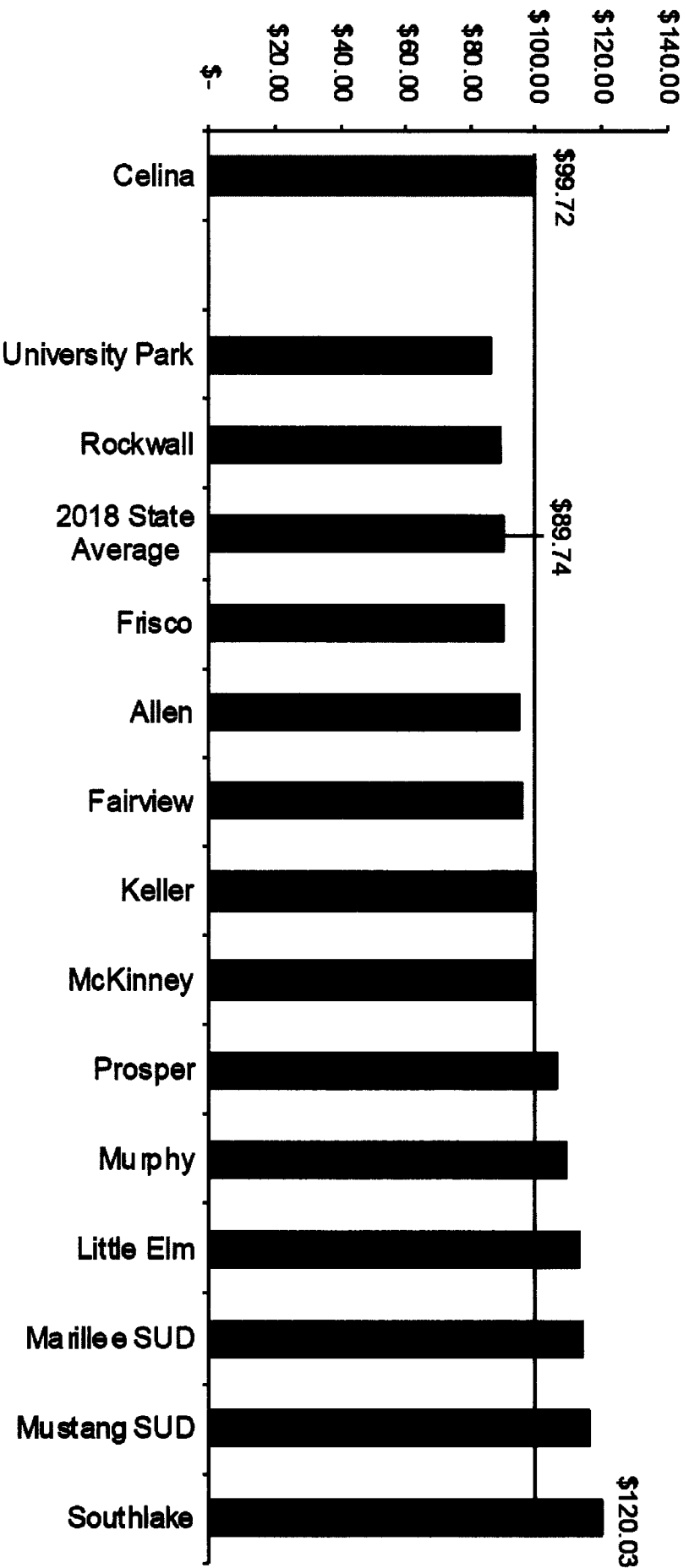
Commercial Rates

Minimum Charge by Meter Size	3/4"	\$ 25.75
(Includes 2,000 Gallons in Base	1"	48.29
	1 1/2"	90.13
	2"	154.50
	4"	386.25

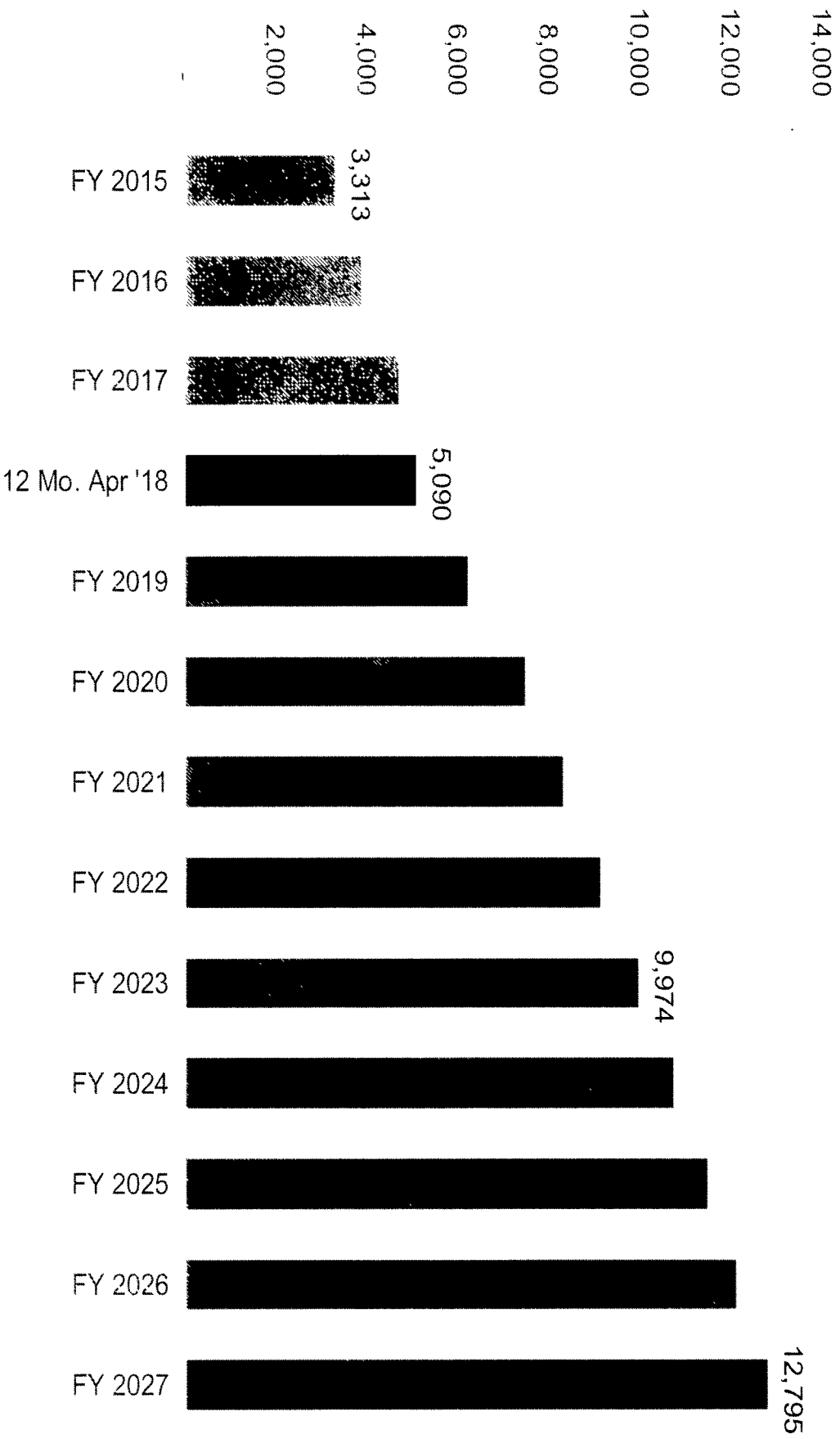
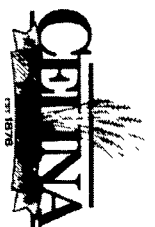
Volume Rate (per 1,000 Gallons)	\$ 5.84
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Outside Rates 50-121% higher

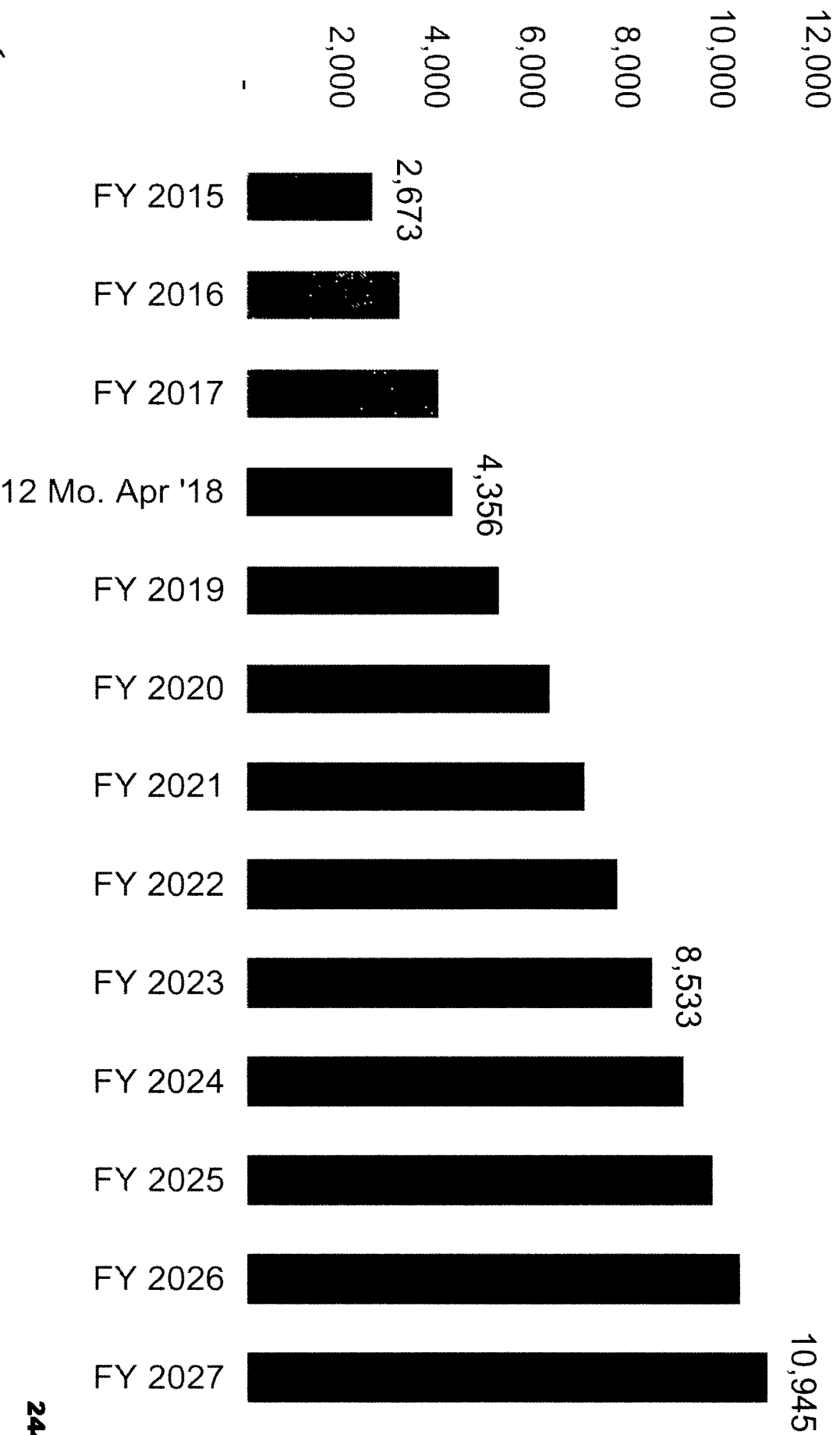
Monthly Residential Charge Comparison 10,000 Gal Water/5,000 Gal WW



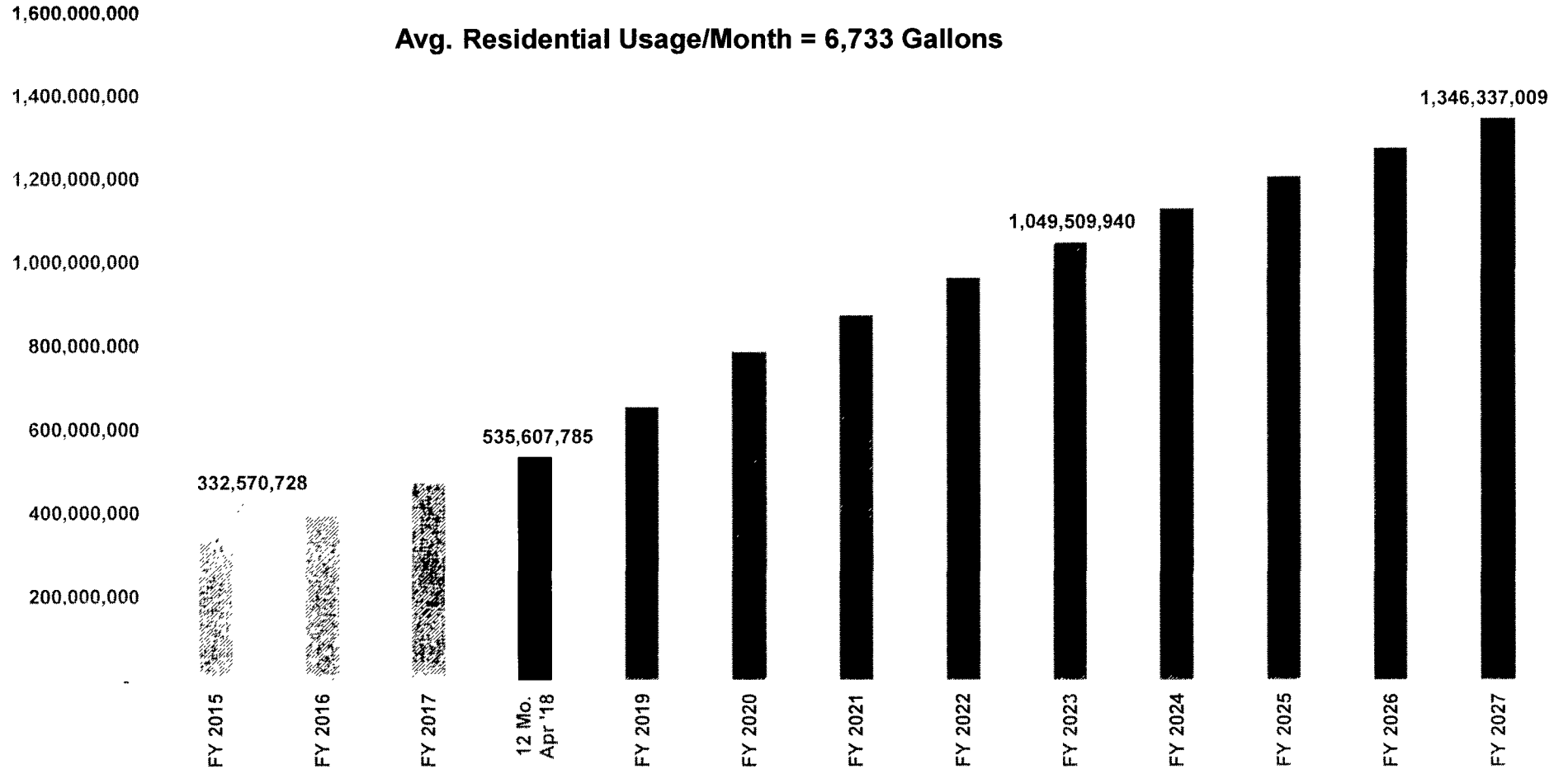
Actual and Forecast Total Water Accounts



Actual and Forecast Total Wastewater Accounts



Actual and Forecast Water Consumption



Forecast Financial and Rate Plan

Key Assumptions

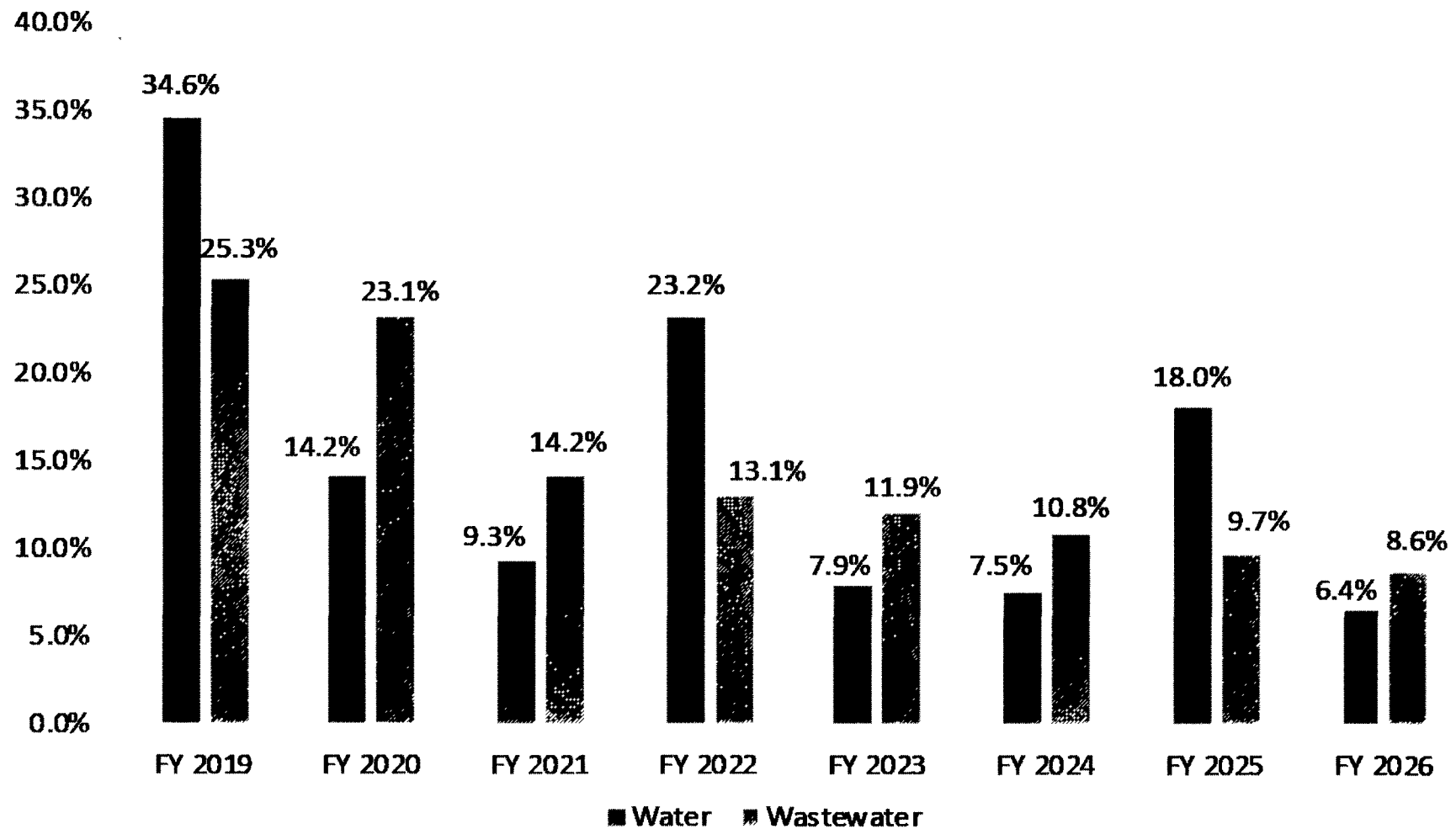


- || Most personnel and operating expenses will increase 3% per year
- || Certain expenses will increase with volume and customer growth (electricity/chemicals/health insurance)
- || Biggest impacts on rate plan:
 - ☐ UTRWD Cost Increases
 - ☐ New Debt required to fund CIP



UTRWD

Forecast Water/WW Cost Increases

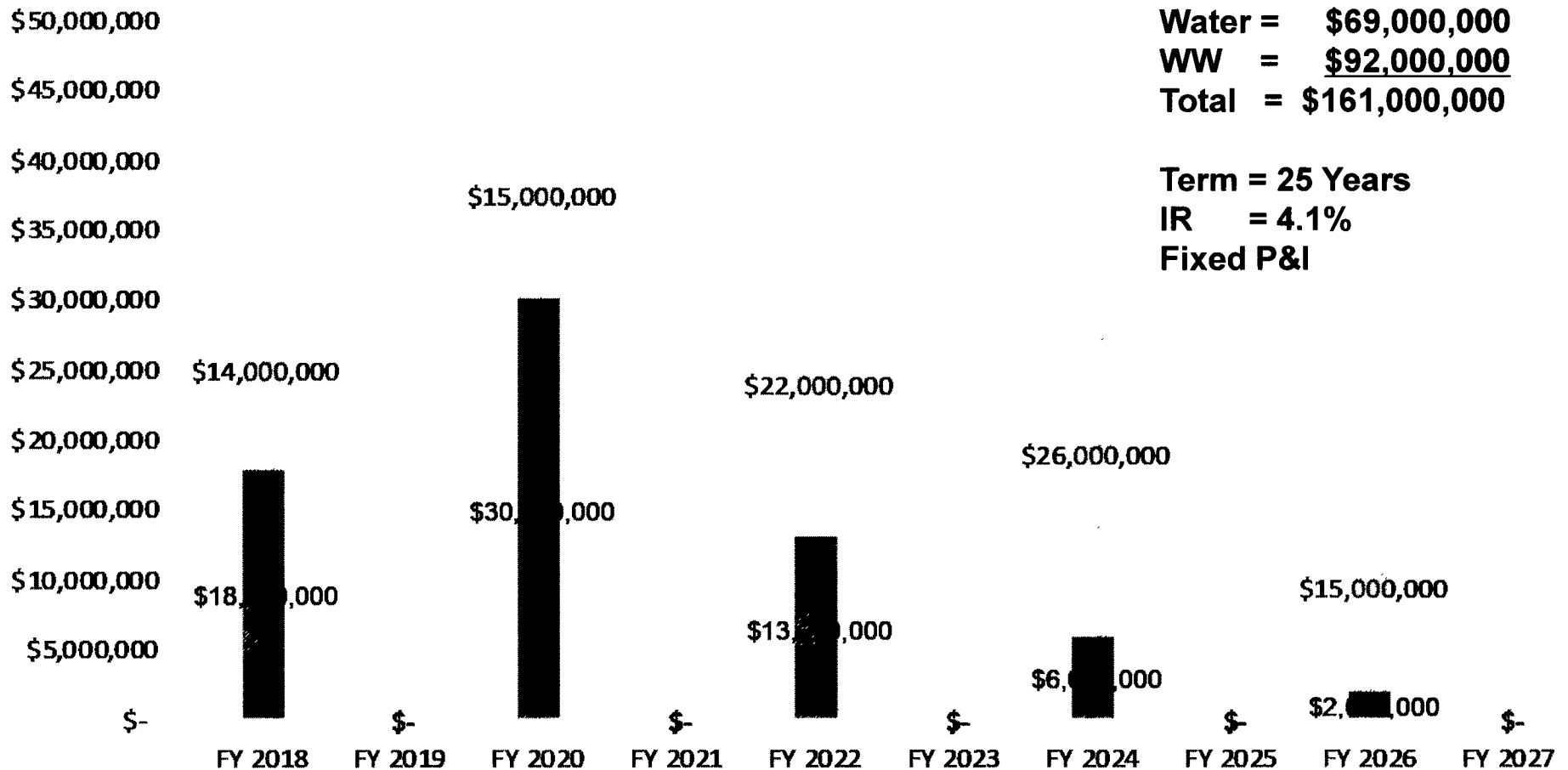


Long-Term Capital/Debt Financing Principal Assumptions

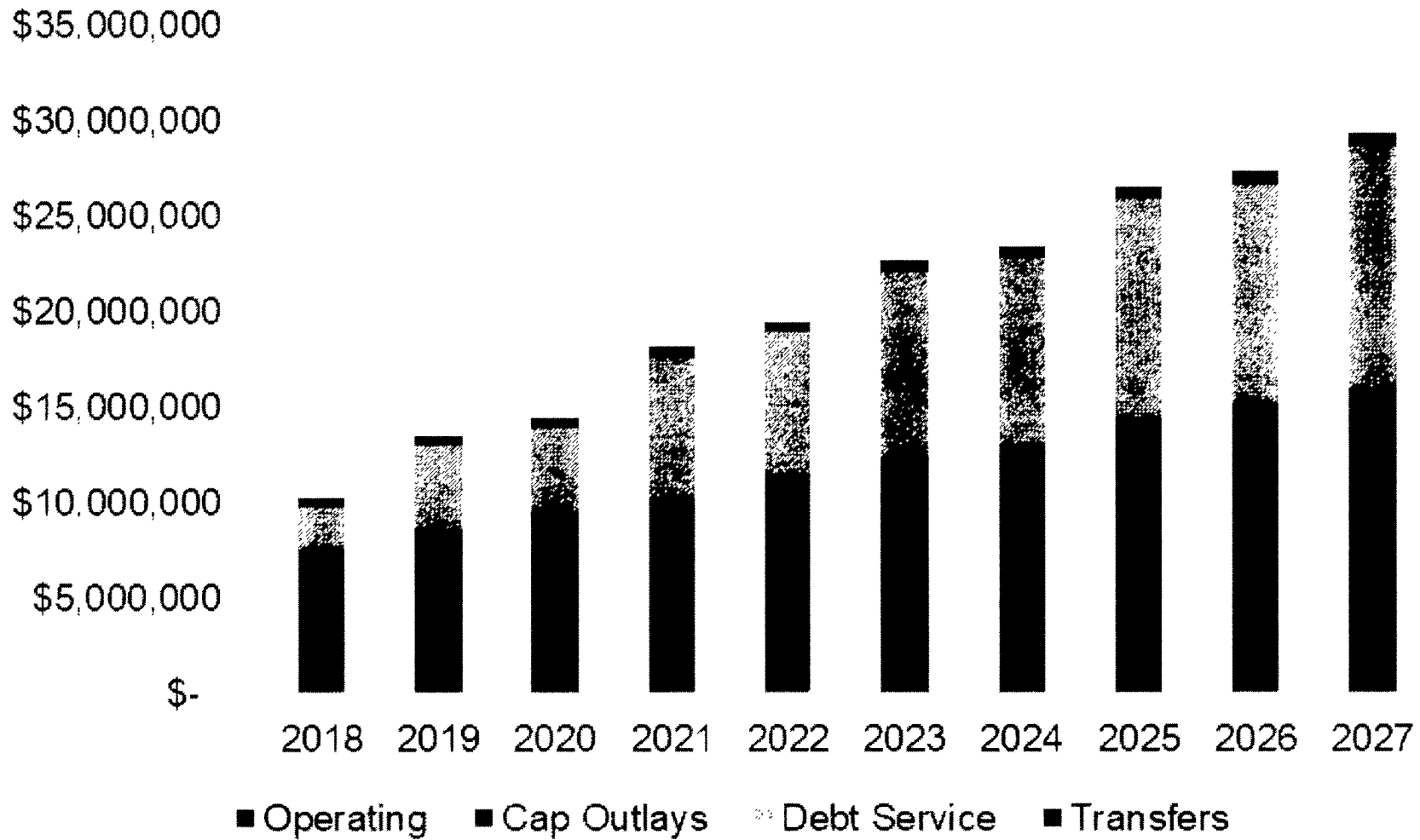


- For high-growth cities like Celina, capital improvement plans are highly volatile and subject to significant and continuous change
- City has provided CIP data for the period through 2027
- Identified capital needs total **\$164,283,000** through 2027
- Rate plan assumes that a significant portion of CIP needs will be funded through bond issues

Long-Term Financing Forecast Bond Issues



Forecast Revenue Requirement



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Notes on Rate Proposal



Many rate scenarios were evaluated by project team and staff prior to proposed plan to be presented today

Highlights of proposed rate plan:

- 3 year implementation – annual adjustments
- Wastewater usage cap reduced by 1,000 gallons in each year – ultimate goal to reach 9,000 gallons by 2023

Due to high growth and evolving CIP requirements, recommend that rate plan be reviewed each year

Proposed Rate Plan Water Residential



		Effective Jan-18	Jan-19	Jan-20	Jan-21
Minimum Charge -- 1st 2,000 Gal					
3/4"	\$	23.15	\$ 23.84	\$ 24.56	\$ 25.30
1"		38.93	40.10	41.30	42.54
1 1/2"		77.87	80.21	82.61	85.09
2"		124.59	128.33	132.18	136.14
Volume Rate Per 1,000 Gal					
2,001 10,000		5.06	5.21	5.37	5.53
10,001 20,000		7.66	7.89	8.13	8.37
20,001 30,000		9.02	9.29	9.57	9.86
30,001 Above		13.02	13.41	13.81	14.23
Minimum Charge -- 1st 2,000 Gal					
3/4"		34.72	35.77	36.84	37.94
1"		58.40	58.40	60.15	61.95
1 1/2"		116.81	116.81	120.31	123.92
2"		186.89	186.89	192.49	198.27
Residential Outside Volume Rate Per 1,000 Gal					
2,001 10,000		7.59	7.82	8.05	8.29
10,001 20,000		11.49	11.83	12.19	12.56
20,001 30,000		13.53	13.94	14.35	14.78
30,001 Above		19.53	20.12	20.72	21.34

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Proposed Rate Plan Water Commercial



		Effective Jan-18	Jan-19	Jan-20	Jan-21
Minimum Charge -- 1st 2,000 Gal					
3/4"	\$	27.81	\$ 28.64	\$ 29.50	\$ 30.39
1"		48.67	50.13	51.63	53.18
1 1/2"		97.34	100.26	103.27	106.37
2"		155.74	160.41	165.22	170.18
3"		233.60	240.61	247.83	255.26
4"		389.34	401.02	413.05	425.44
Volume Rate Per 1,000 Gal					
2,001 10,000		5.06	5.21	5.37	5.53
10,001 20,000		7.66	7.89	8.13	8.37
20,001 30,000		9.02	9.29	9.57	9.86
30,001 Above		13.02	13.41	13.81	14.23
Minimum Charge -- 1st 2,000 Gal					
3/4"	\$	41.72	\$ 42.97	\$ 44.26	\$ 45.58
1"		73.01	75.20	77.45	79.77
1 1/2"		146.01	150.39	154.90	159.55
2"		233.61	240.62	247.84	255.27
3"		350.40	360.91	371.74	382.89
4"		584.01	601.53	619.58	638.16
Volume Rate Per 1,000 Gal					
2,001 10,000		7.59	7.82	8.05	8.29
10,001 20,000		11.49	11.83	12.19	12.56
20,001 30,000		13.53	13.94	14.35	14.78
30,001 Above		19.53	20.12	20.72	21.34

Proposed Rate Plan

Wastewater Residential and Commercial



	Effective Jan-18	Jan-19	Jan-20	Jan-21
Minimum Charge -- 1st 2,000 Gal				
3/4"	\$ 21.50	\$ 23.44	\$ 25.54	\$ 27.84
1"	38.63	42.11	45.90	50.03
1 1/2"	72.10	78.59	85.66	93.37
2"	123.60	134.72	146.85	160.07
Volume Rate/1,000 Gal (2,001 to 14,000)	5.84	6.37	6.94	7.56
Residential Usage Cap (gallons)	14,000	13,000	12,000	11,000
Minimum Charge -- 1st 2,000 Gal				
3/4"	\$ 25.75	\$ 28.07	\$ 30.59	\$ 33.35
1"	48.29	52.64	57.37	62.54
1 1/2"	90.13	98.24	107.08	116.72
2"	154.50	168.41	183.56	200.08
3"	-	-	-	-
4"	386.25	421.01	458.90	500.20
Volume Rate/1,000 Gal	5.84	6.37	6.94	7.56

Proposed Rate Plan Impact on Residential Ratepayers



		Effective Jan-18	Effective Jan-19 Jan-20 Jan-21			
Residential Monthly Charges -- 3/4"						
5,000 Water	5,000 WW	\$ 77.35	\$ 82.01	\$ 87.02	\$ 92.42	
	Increase -- \$		4.66	5.01	5.39	
	Increase -- %		6.0%	6.1%	6.2%	
10,000 Water	10,000 WW	131.85	139.90	148.56	157.88	
	Increase -- \$		8.05	8.66	9.32	
	Increase -- %		6.1%	6.2%	6.3%	
20,000 Water	14,000 WW	231.81	244.26	257.58	271.83	
	Increase -- \$		12.45	13.32	14.26	
	Increase -- %		5.4%	5.5%	5.5%	
Commercial Monthly Charges -- 1 1/2"						
30,000 Water	30,000 WW	\$ 558.27	\$ 590.24	\$ 624.53	\$ 661.35	
	Increase -- \$		31.97	34.30	36.82	
			5.7%	5.8%	5.9%	
60,000 Water	60,000 WW	1,124.07	1,183.52	1,247.08	1,315.06	
	Increase -- \$		59.45	63.55	67.98	
	Increase -- %		5.3%	5.4%	5.5%	

Alternative 2 – WW Inverted Block Wastewater Residential and Commercial



	Effective Jan-18	Jan-19	Jan-20	Jan-21
Minimum Charge -- 1st 2,000 Gal				
3/4"	\$ 21.50	\$ 23.44	\$ 25.54	\$ 27.84
1"	38.63	42.11	45.90	50.03
1 1/2"	72.10	78.59	85.66	93.37
2"	123.60	134.72	146.85	160.07
Volume Rate/1,000 Gal (2,001 to 5,000)	5.84	5.84	6.37	6.94
Volume Rate/1,000 Gal (5,001 to 14,000)	5.84	7.23	7.88	8.59
Residential Usage Cap (gallons)	14,000	13,000	12,000	11,000
Minimum Charge -- 1st 2,000 Gal				
3/4"	\$ 25.75	\$ 28.07	\$ 30.59	\$ 33.35
1"	48.29	52.64	57.37	62.54
1 1/2"	90.13	98.24	107.08	116.72
2"	154.50	168.41	183.56	200.08
3"	-	-	-	-
4"	386.25	421.01	458.90	500.20
Volume Rate/1,000 Gal	5.84	6.37	6.94	7.56 256

Alternative 2 Rate Plan Impact on Residential Ratepayers



		Effective Jan-18	Effective Jan-19 Jan-20 Jan-21			
Residential Monthly Charges -- 3/4"						
5,000 Water	5,000 WW	\$ 77.35	\$ 80.43	\$ 85.31	\$ 90.54	
	Increase -- \$		3.08	4.87	5.24	
	Increase -- %		4.0%	6.1%	6.1%	
10,000 Water	10,000 WW	131.85	142.64	151.55	161.14	
	Increase -- \$		10.79	8.91	9.59	
	Increase -- %		8.2%	6.2%	6.3%	
20,000 Water	14,000 WW	231.81	250.46	264.34	279.20	
	Increase -- \$		18.65	13.88	14.86	
	Increase -- %		8.0%	5.5%	5.6%	
Commercial Monthly Charges -- 1 1/2"						
30,000 Water	30,000 WW	\$ 558.27	\$ 590.24	\$ 624.53	\$ 661.35	
	Increase -- \$		31.97	34.30	36.82	
			5.7%	5.8%	5.9%	
60,000 Water	60,000 WW	1,124.07	1,183.52	1,247.08	1,315.06	
	Increase -- \$		59.45	63.55	67.98	
	Increase -- %		5.3%	5.4%	5.5%	
						257

Presentation Summary

Benefits of Proposed Rate Plan



- Will ensure that utility operates on a stand-alone basis and independent of general fund assistance

- Will cover estimated increased cost of UTRWD purchases

- Will result in financially-healthy utility that has ability to fund operations and capital needs

- Will ensure that ratepayers pay only what it costs to provide service

- Will allow capital investment into system to improve quality of service and provide a well-functioning system for future generations

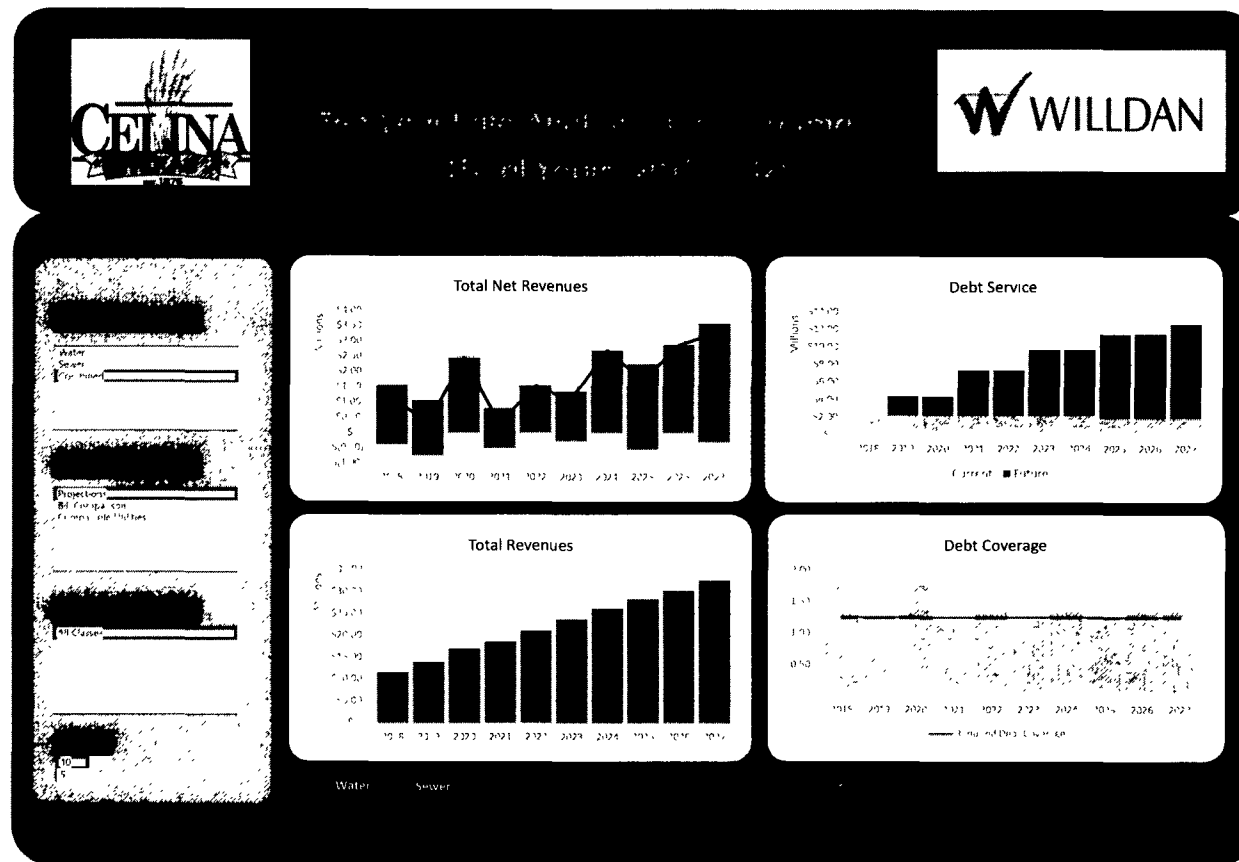


Questions?

W WILLDAN

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Future Debt Term

Alternative	Proposed
1	\$ 18,000,000
2	\$ -
3	\$ 30,000,000
4	\$ -
5	\$ 13,000,000
6	\$ -
7	\$ 6,000,000
8	\$ -
9	\$ 2,000,000
10	\$ -

Alternative	Proposed
1	\$ 14,000,000
2	\$ -
3	\$ 15,000,000
4	\$ -
5	\$ 22,000,000
6	\$ -
7	\$ 26,000,000
8	\$ -
9	\$ 15,000,000
10	\$ -

Water Rate Adjustments										
Meter Charge										
Volume Charge										
		42	40	101	86	109	111	150	156	190
Sewer Rate Adjustments										
Base Charge										
Volume Charge	Residential									
	Non-Residential									

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
Current	Effective Jan-18	Effective Jan-20	Effective Jan-21	

City Rate Plan -- Three Year Summary

Scen: 2018 11 14 Scenario 1 -- Status Quo

1. Water/Wastewater Charges**City of Celina Water/Wastewater Charges****Water Charges****Monthly Minimum Charge**

3/4"	\$	23 15	\$	23 84	\$	24 56	\$	25 30
1"		38 93		40 10		41 30		42 54
1 1/2"		77 87		80 21		82 61		85 09
2"		124 59		128 33		132 18		136 14

Volume Rate/1,000 Gal

2,001	10,000	\$	5 06	\$	5 21	\$	5 37	\$	5 53
10,001	20,000		7 66		7 89		8 13		8 37
20,001	30,000		9 02		9 29		9 57		9 86
30,001	Above		13 02		13 41		13 81		14 23

Wastewater Charges**Monthly Minimum Charge**

3/4"	\$	34 72	\$	35 77	\$	36 84	\$	37 94
1"		58 40		58 40		60 15		61 95
1 1/2"		116 81		116 81		120 31		123 92
2"		186 89		186 89		192 49		198 27

Volume Rate/1,000 Gal

2,001	10,000	\$	7 59	\$	7 82	\$	8 05	\$	8 29
10,001	20,000		11 49		11 83		12 19		12 56
20,001	30,000		13 53		13 94		14 35		14 78
30,001	Above		19 53		20 12		20 72		21 34

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL			
Current	Effective Jul-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo

Monthly Minimum Charge

3/4"	\$	27 81	\$	28 64	\$	29 50	\$	30 39
1"		48 67		50 13		51 63		53 18
1 1/2"		97 34		100 26		103 27		106 37
2"		155 74		160 41		165 22		170 18
3"		233 60		240 61		247 83		255 26
4"		389 34		401 02		413 05		425 44

Volume Rate/1,000 Gal

2,001	10,000	\$	5 06	\$	5 21	\$	5 37	\$	5 53
10,001	20,000		7 66		7 89		8 13		8 37
20,001	30,000		9 02		9 29		9 57		9 86
30,001	Above		13 02		13 41		13 81		14 23

Monthly Minimum Charge

3/4"	\$	41 72	\$	42 97	\$	44 26	\$	45 58
1"		73 01		75 20		77 45		79 77
1 1/2"		146 01		150 39		154 90		159 55
2"		233 61		240 62		247 84		255 27
3"		350 40		360 91		371 74		382 89
4"		584 01		601 53		619 58		638 16

Volume Rate/1,000 Gal

2,001	10,000	\$	7 59	\$	7 82	\$	8 05	\$	8 29
10,001	20,000		11 49		11 83		12 19		12 56
20,001	30,000		13 53		13 94		14 35		14 78
30,001	Above		19 53		20 12		20 72		21 34

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo****2****Monthly Minimum Charge**

3/4"	\$	21 50	\$	23 44	\$	25 54	\$	27 84
1"		38 63		42 11		45 90		50 03
1 1/2"		72 10		78 59		85 66		93 37
2"		123 60		134 72		146 85		160 07

Volume Rate/1,000 Gal

2,001	Maximum	5 84	6 37	6 94	7 56
	Maximum Gallons	14 000	13,000	12,000	11 000

Monthly Minimum Charge

3/4"		32 25	35 15	38 32	41 76
1"		57 95	63 16	68 84	75 04
1 1/2"		108 15	117 88	128 49	140 06
2"		185 40	202 09	220 27	240 10

Volume Rate/1,000 Gal

2,001	Maximum	12 90	14 06	15 33	16 71
	Maximum Gallons	14 000	13,000	12,000	11 000

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-18	Effective Jan-19	Effective Jan-21

City Rate Plan -- Three Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo

Monthly Minimum Charge

3/4"	25 75	28 07	30 59	33 35
1"	48 29	52 64	57 37	62 54
1 1/2"	90 13	98 24	107 08	116 72
2"	154 50	168 41	183 56	200 08
4"	386 25	421 01	458 90	500 20

Volume Rate/1,000 Gal

2,001	Above	5 84	6 37	6 94	7 56
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Monthly Minimum Charge

3/4"	38 63	42 10	45 89	50 02
1"	72 44	78 95	86 06	93 81
1 1/2"	135 20	147 36	160 63	175 08
2"	231 75	252 61	275 34	300 12
4"	579 38	631 52	688 36	750 31

Volume Rate/1,000 Gal

2,001	Above	12 90	14 06	15 33	16 71
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CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
Current	Effective Jan-19	Effective Jan-20	Effective Jan-21	

City Rate Plan -- Three Year Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo****3 Residential Water Cost of Service****5,000 Gallons -- 3/4" Meter**

Total	\$ 38.33	\$ 39.48	\$ 40.66	\$ 41.88
Dollar Inc	1.20	1.15	1.18	1.22
Percent Inc	3.2%	3.0%	3.0%	3.0%

10,000 Gallons -- 3/4" Meter

Total	63.63	65.54	67.51	69.53
Dollar Inc	1.70	1.91	1.97	2.03
Percent Inc	2.7%	3.0%	3.0%	3.0%

20,000 Gallons -- 3/4" Meter

Total	140.23	144.44	148.77	153.23
Dollar Inc	3.90	4.21	4.33	4.46
Percent Inc	2.9%	3.0%	3.0%	3.0%

30,000 Gallons -- 3/4" Meter

Total	230.43	237.34	244.46	251.80
Dollar Inc	7.30	6.91	7.12	7.33
Percent Inc	3.3%	3.0%	3.0%	3.0%

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo

3 **5,000 Gallons -- 3/4" Meter**

5,000 3/4" Meter				
Total	\$ 57.49	\$ 59.22	\$ 61.00	\$ 62.83
Dollar Inc	1.79	1.73	1.78	1.83
Percent Inc	3.2%	3.0%	3.0%	3.0%

10,000 3/4" Meter

Total	95.44	98.31	101.26	104.30
Dollar Inc	2.54	2.87	2.95	3.04
Percent Inc	2.7%	3.0%	3.0%	3.0%

20,000 3/4" Meter

Total	210.34	216.66	223.16	229.85
Dollar Inc	5.84	6.32	6.50	6.69
Percent Inc	2.9%	3.0%	3.0%	3.0%

4 **30,000 Gallons -- 1 1/2" Meter**

30,000 Gallons -- 1 1/2" Meter				
Total	304.62	313.76	323.17	332.87
Dollar Inc	6.40	9.14	9.41	9.70
Percent Inc	2.1%	3.0%	3.0%	3.0%

60,000 Gallons -- 1 1/2" Meter

Total	695.22	716.08	737.56	759.69
Dollar Inc	25.00	20.86	21.48	22.13
Percent Inc	3.7%	3.0%	3.0%	3.0%

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo**

5

5,000 Gallons -- 3/4" Meter

Total	\$	39.02	\$	42.53	\$	46.36	\$	50.53
Dollar Inc		1.23		3.51		3.83		4.17
Percent Inc		3.3%		9.0%		9.0%		9.0%

10,000 Gallons -- 3/4" Meter

Total		68.22		74.36		81.05		88.35
Dollar Inc		1.78		6.14		6.69		7.29
Percent Inc		2.7%		9.0%		9.0%		9.0%

15,000 Gallons -- 3/4" Meter

Total		91.58		99.82		108.81		118.60
Dollar Inc		2.22		8.24		8.98		9.79
Percent Inc		2.5%		9.0%		9.0%		9.0%

20,000 Gallons -- 3/4" Meter

Total		91.58		99.82		108.81		118.60
Dollar Inc		2.22		8.24		8.98		9.79
Percent Inc		2.5%		9.0%		9.0%		9.0%

6

30,000 Gallons -- 1 1/2" Meter

Total	1 1/2"	\$	253.65	\$	276.48	\$	301.36	\$	328.48
Dollar Inc			3.08		22.83		24.88		27.12
Percent Inc			1.2%		9.0%		9.0%		9.0%

60,000 Gallons -- 1 1/2" Meter

Total	1 1/2"		640.65		698.31		761.16		829.66
Dollar Inc			132.08		57.66		62.85		68.50
Percent Inc			26.0%		9.0%		9.0%		9.0%

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo****5 5,000 Gallons Water, 5,000 Gallons WW -- 3/4" Meter****5,000 Gallons Water, 5,000 Gallons WW -- 3/4" Meter**

Total	\$	77 35	\$	82 01	\$	87 02	\$	92 42
Dollar Inc		2 43		4 66		5 01		5 39
Percent Inc		3 2%		6 0%		6 1%		6 2%

10,000 Gallons Water, 10,000 Gallons WW -- 3/4" Meter

Total		131 85		139 90		148 56		157 88
Dollar Inc		32 13		8 05		8 66		9 32
Percent Inc		32 2%		6 1%		6 2%		6 3%

20,000 Gallons Water, 14,000 Gallons WW -- 3/4" Meter

Total		231 81		244 26		257 58		271 83
Dollar Inc		57 69		12 45		13 32		14 26
Percent Inc		33 1%		5 4%		5 5%		5 5%

30,000 Gallons Water, 30,000 Gallons WW -- 3/4" Meter

Total		322 01		337 17		353 27		370 40
Dollar Inc		61 09		15 16		16 10		17 13
Percent Inc		23 4%		4 7%		4 8%		4 8%

6 30,000 Gallons Water, 30,000 Gallons WW -- 1 1/2" Meter**30,000 Gallons Water, 30,000 Gallons WW -- 1 1/2" Meter**

Total	\$	558 27	\$	590 24	\$	624 53	\$	661 35
Dollar Inc		9 48		31 97		34 30		36 82
Percent Inc		1 7%		5 7%		5 8%		5 9%

60,000 Gallons Water, 60,000 Gallons WW -- 1 1/2" Meter

Total		1,335 87		1,414 39		1,498 72		1,589 35
Dollar Inc		157 08		78 52		84 33		90 63
Percent Inc		13 3%		5 9%		6 0%		6 0%

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

	Current	Effective Jan-18	Effective Jan-19	Effective Jan-20	Effective Jan-21	Effective Jan-22	Effective Jan-23	Effective Jan-24	Effective Jan-25	Effective Jan-26	Effective Jan-27
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City Rate Plan -- 10 Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo

1 **Monthly Minimum Charge**

Monthly Minimum Charge																						
3/4"	\$	22 25	\$	23 15	\$	23 84	\$	24 56	\$	25 30	\$	26 06	\$	26 84	\$	27 37	\$	27 92	\$	28 48	\$	29 05
1"		38 93		38 93		40 10		41 30		42 54		43 82		45 13		46 03		46 95		47 89		48 85
1 1/2"		77 87		77 87		80 21		82 61		85 09		87 64		90 27		92 08		93 92		95 80		97 71
2"		124 59		124 59		128 33		132 18		136 14		140 23		144 43		147 32		150 27		153 27		156 34
3"		-		-		-		-		-		-		-		-		-		-		-
4"		-		-		-		-		-		-		-		-		-		-		-
6"		-		-		-		-		-		-		-		-		-		-		-
8"		-		-		-		-		-		-		-		-		-		-		-

Volume Rate/1,000 Gal																						
2,001	10,000	4 96		5 06		5 21		5 37		5 53		5 70		5 87		5 98		6 10		6 22		6 35
10,001	20,000	7 44		7 66		7 89		8 13		8 37		8 62		8 88		9 06		9 24		9 42		9 61
20,001	30,000	8 68		9 02		9 29		9 57		9 86		10 15		10 46		10 67		10 88		11 10		11 32
30,001	Above	12 40		13 02		13 41		13 81		14 23		14 65		15 09		15 40		15 70		16 02		16 34
-	-	-		-		-		-		-		-		-		-		-		-		-

Monthly Minimum Charge																						
3/4"	\$	33 38	\$	34 72	\$	35 77	\$	36 84	\$	37 94	\$	39 08	\$	40 26	\$	41 06	\$	41 88	\$	42 72	\$	43 57
1"		58 40		58 40		58 40		60 15		61 95		63 81		65 72		67 70		69 05		70 43		71 84
1 1/2"		116 81		116 81		116 81		120 31		123 92		127 64		131 47		135 41		138 12		140 88		143 70
2"		186 89		186 89		186 89		192 49		198 27		204 21		210 34		216 65		220 98		225 40		229 91
3"		-		-		-		-		-		-		-		-		-		-		-
4"		-		-		-		-		-		-		-		-		-		-		-
6"		-		-		-		-		-		-		-		-		-		-		-
8"		-		-		-		-		-		-		-		-		-		-		-

Volume Rate/1,000 Gal																						
2,001	10,000	7 44		7 59		7 82		8 05		8 29		8 54		8 80		8 97		9 15		9 34		9 52
10,001	20,000	11 16		11 49		11 83		12 19		12 56		12 93		13 32		13 59		13 86		14 14		14 42
20,001	30,000	13 02		13 53		13 94		14 35		14 78		15 23		15 68		16 00		16 32		16 65		16 98
30,001	Above	18 60		19 53		20 12		20 72		21 34		21 98		22 64		23 09		23 56		24 03		24 51
-	-	-		-		-		-		-		-		-		-		-		-		-

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

City Rate Plan -- 10 Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo

Monthly Minimum Charge

	Current	Effective Jan-18	Effective Jan-19	Effective Jan-20	Effective Jan-21	Effective Jan-22	Effective Jan-23	Effective Jan-24	Effective Jan-25	Effective Jan-26	Effective Jan-27
3/4"	\$ 27 81	\$ 27 81	\$ 28 64	\$ 29 50	\$ 30 39	\$ 31 30	\$ 32 24	\$ 32 88	\$ 33 54	\$ 34 21	\$ 34 90
1"	48 67	48 67	50 13	51 63	53 18	54 78	56 42	57 55	58 70	59 88	61 07
1 1/2"	97 34	97 34	100 26	103 27	106 37	109 56	112 84	115 10	117 40	119 75	122 15
2"	155 74	155 74	160 41	165 22	170 18	175 29	180 55	184 16	187 84	191 60	195 43
3"	233 60	233 60	240 61	247 83	255 26	262 92	270 81	276 22	281 75	287 38	293 13
4"	389 34	389 34	401 02	413 05	425 44	438 21	451 35	460 38	469 59	478 98	488 56
6"	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-

Volume Rate/1,000 Gal

2,001	10,000	4 96	5 06	5 21	5 37	5 53	5 70	5 87	5 98	6 10	6 22	6 35
10,001	20,000	7 44	7 66	7 89	8 13	8 37	8 62	8 88	9 06	9 24	9 42	9 61
20,001	30,000	8 68	9 02	9 29	9 57	9 86	10 15	10 46	10 67	10 88	11 10	11 32
30,001	Above	12 40	13 02	13 41	13 81	14 23	14 65	15 09	15 40	15 70	16 02	16 34
-	-	-	-	-	-	-	-	-	-	-	-	-

Monthly Minimum Charge

	Current	Effective Jan-18	Effective Jan-19	Effective Jan-20	Effective Jan-21	Effective Jan-22	Effective Jan-23	Effective Jan-24	Effective Jan-25	Effective Jan-26	Effective Jan-27
3/4"	\$ 41 72	\$ 41 72	\$ 42 97	\$ 44 26	\$ 45 58	\$ 46 95	\$ 48 36	\$ 49 33	\$ 50 31	\$ 51 32	\$ 52 35
1"	73 01	73 01	75 20	77 45	79 77	82 17	84 63	86 33	88 05	89 81	91 61
1 1/2"	146 01	146 01	150 39	154 90	159 55	164 34	169 27	172 65	176 10	179 63	183 22
2"	233 61	233 61	240 62	247 84	255 27	262 93	270 82	276 23	281 76	287 39	293 14
3"	350 40	350 40	360 91	371 74	382 89	394 38	406 21	414 33	422 62	431 07	439 69
4"	584 01	584 01	601 53	619 58	638 16	657 31	677 03	690 57	704 38	718 47	732 84
6"	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-

Volume Rate/1,000 Gal

2,001	10,000	7 44	7 59	7 82	8 05	8 29	8 54	8 80	8 97	9 15	9 34	9 52
10,001	20,000	11 16	11 49	11 83	12 19	12 56	12 93	13 32	13 59	13 86	14 14	14 42
20,001	30,000	13 02	13 53	13 94	14 35	14 78	15 23	15 68	16 00	16 32	16 65	16 98
30,001	Above	18 60	19 53	20 12	20 72	21 34	21 98	22 64	23 09	23 56	24 03	24 51

**CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL**

Current Effective Jan-18 Effective Jan-19 Effective Jan-20 Effective Jan-21 Effective Jan-22 Effective Jan-23 Effective Jan-24 Effective Jan-25 Effective Jan-26 Effective Jan-27

City Rate Plan -- 10 Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo

2

Monthly Minimum Charge

3/4"	\$	20 60	\$	21 50	\$	23 44	\$	25 54	\$	27 84	\$	30 35	\$	33 08	\$	34 07	\$	35 10	\$	36 15	\$	37 23
1"		38 63		38 63		42 11		45 90		50 03		54 53		59 44		61 22		63 06		64 95		66 90
1 1/2"		72 10		72 10		78 59		85 66		93 37		101 78		110 93		114 26		117 69		121 22		124 86
2"		123 60		123 60		134 72		146 85		160 07		174 47		190 17		195 88		201 76		207 81		214 04
3"		-		-		-		-		-		-		-		-		-		-		-
4"		-		-		-		-		-		-		-		-		-		-		-
6"		-		-		-		-		-		-		-		-		-		-		-
8"		-		-		-		-		-		-		-		-		-		-		-

Volume Rate/1,000 Gal

2,001	14,000	5 73	5 84	6 37	6 94	7 56	8 24	8 99	9 26	9 53	9 82	10 11
-	-	-	-	-	-	-	-	-	-	-	-	-

Monthly Minimum Charge

3/4"		30 90		32 25		35 15		38 32		41 76		45 52		49 62		51 11		52 64		54 22		55 85
1"		57 95		57 95		63 16		68 84		75 04		81 79		89 16		91 83		94 59		97 42		100 35
1 1/2"		108 15		108 15		117 88		128 49		140 06		152 66		166 40		171 39		176 54		181 83		187 29
2"		185 40		185 40		202 09		220 27		240 10		261 71		285 26		293 82		302 63		311 71		321 06
3"		-		-		-		-		-		-		-		-		-		-		-
4"		-		-		-		-		-		-		-		-		-		-		-
6"		-		-		-		-		-		-		-		-		-		-		-
8"		-		-		-		-		-		-		-		-		-		-		-

Volume Rate/1,000 Gal

2,001	14,000	8 60	12 90	14 06	15 33	16 71	18 21	19 85	20 44	21 06	21 69	22 34
-	-	-	-	-	-	-	-	-	-	-	-	-

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

City Rate Plan -- 10 Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo

Monthly Minimum Charge

3/4"	25 75	25 75	28 07	30 59	33 35	36 35	39 62	40 81	42 03	43 29	44 59
1"	48 29	48 29	52 64	57 37	62 54	68 17	74 30	76 53	78 83	81 19	83 63
1 1/2"	90 13	90 13	98 24	107 08	116 72	127 23	138 68	142.84	147 12	151 54	156 08
2"	154 50	154 50	168 41	183 56	200 08	218 09	237 72	244 85	252 19	259 76	267 55
3"	-	-	-	-	-	-	-	-	-	-	-
4"	386 25	386 25	421 01	458 90	500 20	545 22	594 29	612 12	630 49	649 40	668 88
6"	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-

Volume Rate/1,000 Gal

2,001	Above	5 73	5 84	6 37	6 94	7 56	8 24	8 99	9 26	9 53	9 82	10 11
-	-	-	-	-	-	-	-	-	-	-	-	-

Monthly Minimum Charge

3/4"	38 63	38 63	42 10	45 89	50 02	54 52	59 43	61 21	63 05	64 94	66 89
1"	72 44	72 44	78 95	86 06	93 81	102 25	111 45	114 79	118 24	121 78	125 44
1 1/2"	135 20	135 20	147 36	160 63	175 08	190 84	208 01	214 25	220 68	227 30	234 12
2"	231 75	231 75	252 61	275 34	300 12	327 13	356 58	367 27	378 29	389 64	401 33
3"	-	-	-	-	-	-	-	-	-	-	-
4"	579 38	579 38	631 52	688 36	750 31	817 84	891 44	918 18	945 73	974 10	1,003 32
6"	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-

Volume Rate/1,000 Gal

2,001	Above	8 60	12 90	14 06	15 33	16 71	18 21	19 85	20 44	21 06	21 69	22 34
-	-	-	-	-	-	-	-	-	-	-	-	-

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Current	Effective Jan-18	Effective Jan-19	Effective Jan-20	Effective Jan-21	Effective Jan-22	Effective Jan-23	Effective Jan-24	Effective Jan-25	Effective Jan-26	Effective Jan-27
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City Rate Plan -- 10 Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo

3 Water/Wastewater Charges -- WATER

5,000 Gallons -- 3/4" Meter

Total	\$ 37.13	\$ 38.33	\$ 39.48	\$ 40.66	\$ 41.88	\$ 43.14	\$ 44.43	\$ 45.32	\$ 46.23	\$ 47.15	\$ 48.10
Dollar Inc		1.20	1.15	1.18	1.22	1.26	1.29	0.89	0.91	0.92	0.94
Percent Inc		3.2%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%

10,000 Gallons -- 3/4" Meter

Total	61.93	63.63	65.54	67.51	69.53	71.62	73.76	75.24	76.74	78.28	79.85
Dollar Inc		1.70	1.91	1.97	2.03	2.09	2.15	1.48	1.50	1.53	1.57
Percent Inc		2.7%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%

20,000 Gallons -- 3/4" Meter

Total	136.33	140.23	144.44	148.77	153.23	157.83	162.57	165.82	169.13	172.52	175.97
Dollar Inc		3.90	4.21	4.33	4.46	4.60	4.73	3.25	3.32	3.38	3.45
Percent Inc		2.9%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%

30,000 Gallons -- 3/4" Meter

Total	223.13	230.43	237.34	244.46	251.80	259.35	267.13	272.47	277.92	283.48	289.15
Dollar Inc		7.30	6.91	7.12	7.33	7.55	7.78	5.34	5.45	5.56	5.67
Percent Inc		3.3%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%

**CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL**

Effective Jan-18 Effective Jan-19 Effective Jan-20 Effective Jan-21 Effective Jan-22 Effective Jan-23 Effective Jan-24 Effective Jan-25 Effective Jan-26 Effective Jan-27

**City Rate Plan -- 10 Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo**

3 5,000 Gallons -- 3/4" Meter

Total	\$ 55.70	\$ 57.49	\$ 59.22	\$ 61.00	\$ 62.83	\$ 64.71	\$ 66.65	\$ 67.99	\$ 69.35	\$ 70.73	\$ 72.15
Dollar Inc	1.79	1.73	1.78	1.83	1.88	1.94	1.33	1.36	1.39	1.41	
Percent Inc	3.2%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%	

10,000 Gallons -- 3/4" Meter

Total	92.90	95.44	98.31	101.26	104.30	107.42	110.65	112.86	115.12	117.42	119.77
Dollar Inc	2.54	2.87	2.95	3.04	3.13	3.22	2.21	2.26	2.26	2.30	2.35
Percent Inc	2.7%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%

20,000 Gallons -- 3/4" Meter

Total	204.50	210.34	216.66	223.16	229.85	236.75	243.85	248.72	253.70	258.77	263.95
Dollar Inc	5.84	6.32	6.50	6.69	6.90	7.10	4.88	4.88	4.97	5.07	5.18
Percent Inc	2.9%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%

4 30,000 Gallons -- 1 1/2" Meter

Total	298.22	304.62	313.76	323.17	332.87	342.85	353.14	360.20	367.40	374.75	382.25
Dollar Inc	6.40	9.14	9.41	9.70	9.99	10.29	7.06	7.06	7.20	7.35	7.50
Percent Inc	2.1%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%

60,000 Gallons -- 1 1/2" Meter

Total	670.22	695.22	716.08	737.56	759.69	782.48	805.95	822.07	838.51	855.28	872.39
Dollar Inc	25.00	20.86	21.48	22.13	22.79	23.47	16.12	16.12	16.44	16.77	17.11
Percent Inc	3.7%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL
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Current	Effective Jan-18	Effective Jan-19	Effective Jan-20	Effective Jan-21	Effective Jan-22	Effective Jan-23	Effective Jan-24	Effective Jan-25	Effective Jan-26	Effective Jan-27
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City Rate Plan -- 10 Year Summary
Scen: 2018 11 14 Scenario 1 -- Status Quo

5

5,000 Gallons -- 3/4" Meter

Total	\$ 37.79	\$ 39.02	\$ 42.53	\$ 46.36	\$ 50.53	\$ 55.08	\$ 60.04	\$ 61.84	\$ 63.69	\$ 65.60	\$ 67.57
Dollar Inc	1.23	3.51	3.83	4.17	4.55	4.96	1.80	1.86	1.91	1.97	
Percent Inc	3.3%	9.0%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	

10,000 Gallons -- 3/4" Meter

Total	66.44	68.22	74.36	81.05	88.35	96.30	104.96	108.11	111.36	114.70	118.14
Dollar Inc	1.78	6.14	6.69	7.29	7.95	8.67	3.15	3.24	3.34	3.44	
Percent Inc	2.7%	9.0%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	

20,000 Gallons -- 3/4" Meter

Total	89.36	91.58	99.82	108.81	118.60	129.27	140.91	145.13	149.49	153.97	158.59
Dollar Inc	2.22	8.24	8.98	9.79	10.67	11.63	4.23	4.35	4.48	4.62	
Percent Inc	2.5%	9.0%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	

30,000 Gallons -- 3/4" Meter

Total	89.36	91.58	99.82	108.81	118.60	129.27	140.91	145.13	149.49	153.97	158.59
Dollar Inc	2.22	8.24	8.98	9.79	10.67	11.63	4.23	4.35	4.48	4.62	
Percent Inc	2.5%	9.0%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	

6

30,000 Gallons -- 1 1/2" Meter

Total	1 1/2" \$ 250.57	\$ 253.65	\$ 276.48	\$ 301.36	\$ 328.48	\$ 358.05	\$ 390.27	\$ 401.98	\$ 414.04	\$ 426.46	\$ 439.25
Dollar Inc	3.08	22.83	24.88	27.12	29.56	32.22	11.71	12.06	12.42	12.79	
Percent Inc	1.2%	9.0%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	

60,000 Gallons -- 1 1/2" Meter

Total	1 1/2" 422.47	428.85	467.45	509.52	555.37	605.36	659.84	679.63	700.02	721.02	742.65
Dollar Inc	6.38	38.60	42.07	45.86	49.98	54.48	19.80	20.39	21.00	21.63	
Percent Inc	1.5%	9.0%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Model Summary**Scenario: 2018 11 14 Scenario 1 -- Status Quo****1 Water and Wastewater Rates**

Monthly Minimum Charge--3/4"		\$	22 25	\$	23 15	\$	23 84	\$	24 56	\$	25 30	\$	26 06	\$	26 84	\$	27 37	\$	27 92	\$	28 48	\$	29 05
Volume Rate Per 1,000 Gal																							
2,001	10,000	\$	4 96	\$	5 06	\$	5 21	\$	5 37	\$	5 53	\$	5 70	\$	5 87	\$	5 98	\$	6 10	\$	6 22	\$	6 35
10,001	20,000		7 44		7 66		7 89		8 13		8 37		8 62		8 88		9 06		9 24		9 42		9 61
20,001	30,000		8 68		9 02		9 29		9 57		9 86		10 15		10 46		10 67		10 88		11 10		11 32
30,001	Above		12 40		13 02		13 41		13 81		14 23		14 65		15 09		15 40		15 70		16 02		16 34

Monthly Charge	\$	20 60	\$	21 50	\$	23 44	\$	25 54	\$	27 84	\$	30 35	\$	33 08	\$	34 07	\$	35 10	\$	36 15	\$	37 23
Volume Rate/1,000 Gal (2,001 to 14,000)		5 73		5 84		6 37		6 94		7 56		8 24		8 99		9 26		9 53		9 82		10 11

2 Residential Schedule Monthly Bill

5,000 W	Total	\$	74 92	\$	77 35	\$	82 01	\$	87 02	\$	92 42	\$	98 22	\$	104 47	\$	107 16	\$	109 92	\$	112 76	\$	115 67
5,000 WW	Increase -- \$				2 43		4 66		5 01		5 39		5 80		6 25		2 69		2 76		2 84		2 91
	Increase -- %				3 2%		6 0%		6 1%		6 2%		6 3%		6 4%		2 6%		2 6%		2 6%		2 6%
10,000 W	Total		128 37		131 85		139 90		148 56		157 88		167 91		178 73		183 35		188 10		192 98		197 98
10,000 WW	Increase -- \$				3 48		8 05		8 66		9 32		10 04		10 82		4 62		4 75		4 88		5 01
	Increase -- %				2 7%		6 1%		6 2%		6 3%		6 4%		6 4%		2 6%		2 6%		2 6%		2 6%
20,000 W	Total		225 69		231 81		244 26		257 58		271 83		287 10		303 47		310 95		318 62		326 49		334 56
14,000 WW	Increase -- \$				6 12		12 45		13 32		14 26		15 27		16 37		7 48		7 67		7 87		8 07
	Increase -- %				2 7%		5 4%		5 5%		5 5%		5 6%		5 7%		2 5%		2 5%		2 5%		2 5%
30,000 W	Total		312 49		322 01		337 17		353 27		370 40		388 62		408 04		417 61		427 41		437 46		447 74
14,000 WW	Increase -- \$				9 52		15 16		16 10		17 13		18 23		19 42		9 57		9 80		10 04		10 29
	Increase -- %				3 0%		4 7%		4 8%		4 8%		4 9%		5 0%		2 3%		2 3%		2 3%		2 4%

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Current 2018 2019 2020 2021 2022 2023 2024

Model Summary**Scenario: 2018 11 14 Scenario 1 -- Status Quo****3 Fund Balance, Revenues and Expenses**

Beginning Fund Balance	\$ -	\$ 1,169,973	\$ 1,471,738	\$ 3,924,382	\$ 4,220,043	\$ 5,752,045	\$ 6,829,735	\$ 9,528,590	\$ 11,219,359	\$ 14,087,037
Revenues and Expenses										
Water Rate Revenues	\$ 5,872,806	\$ 7,381,866	\$ 9,125,209	\$ 10,449,782	\$ 11,846,288	\$ 13,293,007	\$ 14,675,719	\$ 15,978,119	\$ 17,208,732	\$ 18,534,125
WW Rate Revenues	2,769,309	3,612,639	4,729,761	5,731,544	6,875,726	8,164,595	9,233,531	10,148,295	11,036,873	12,003,266
Non-Rate Revenues	2,879,300	2,879,300	3,087,555	2,334,034	2,334,973	2,302,193	2,233,024	2,126,124	1,981,705	2,046,516
Total Revenues	11,521,415	13,873,805	16,942,525	18,515,359	21,056,987	23,759,794	26,142,273	28,252,538	30,227,310	32,583,908
Operating Expenses	7,303,713	8,386,530	9,284,294	10,032,283	11,318,410	12,151,728	12,886,690	14,192,829	14,967,342	15,793,934
Net Revenues for Transfers, Capital Outlays and Debt	4,217,702	5,487,274	7,658,231	8,483,076	9,738,577	11,608,067	13,255,584	14,059,709	15,259,968	16,789,973
Capital Outlays	299,734	299,734	299,734	299,734	299,734	299,734	299,734	299,734	299,734	299,734
Current Debt Service	2,220,995	2,231,473	2,235,266	2,231,036	2,232,919	2,229,482	2,237,505	1,919,346	1,923,253	1,914,860
Future Debt Service	-	2,111,492	2,111,492	5,080,779	5,080,779	7,390,223	7,390,223	9,501,716	9,501,716	10,623,446
Total Debt Service	2,220,995	4,342,966	4,346,759	7,311,814	7,313,698	9,619,706	9,627,729	11,421,062	11,424,969	12,538,306
Total Contingencies & Transfers	527,000	542,810	559,094	575,867	593,143	610,937	629,266	648,144	667,588	687,615
Total Cost of Service	10,351,442	13,572,040	14,489,881	18,219,698	19,524,985	22,682,105	23,443,418	26,561,769	27,359,633	29,319,589
Net Revenues	1,169,973	301,788	2,452,848	285,880	1,532,062	1,877,880	2,638,884	1,880,770	2,947,878	3,264,918
Percent of COS	11 3%	2 2%	16 9%	1 6%	7 8%	4 8%	11 5%	6 4%	10 5%	11 1%
Debt Coverage	1 90	1 26	1 76	1 16	1 33	1 21	1 38	1 23	1 34	1 34
Ending Water & Sewer Combined Fund Balance	1,169,973	1,471,738	3,924,382	4,220,043	5,752,045	6,829,735	9,528,590	11,219,359	14,087,037	17,351,355
One Day Operating Expenditures (Op Exp+Det Svc)	27,539	36,362	38,877	49,096	52,672	61,322	63,407	71,951	74,137	79,506
Days of Operating Expenditures	42	40	101	86	109	111	150	156	190	218
Fund Balance Goal Days ⁶⁰	1,652,335	2,181,749	2,332,627	2,945,748	3,160,315	3,679,294	3,804,441	4,317,047	4,448,203	4,770,387
Over (Short) of Requirement	(482,362)	(710,011)	1,591,756	1,274,295	2,591,730	3,150,441	5,724,149	6,902,313	9,638,835	12,580,968

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Current 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027

Model Summary**Scenario: 2018 11 14 Scenario 1 -- Status Quo****5 Total Accounts****Water Accounts**

Total Accounts	5,090	6,228	7,482	8,318	9,155	9,974	10,754	11,476	12,117	12,795
New Accounts	-	1,138	1,253	836	837	819	781	721	641	677
Avg Annual Growth Rate		22.36%	20.12%	11.18%	10.06%	8.94%	7.83%	6.71%	5.59%	5.59%

Wastewater Accounts

Total Accounts	4,356	5,329	6,401	7,116	7,832	8,533	9,200	9,817	10,366	10,945
New Accounts	-	973	1,072	715	716	700	668	617	549	579
Avg Annual Growth Rate		22.35%	20.12%	11.18%	10.06%	8.94%	7.82%	6.71%	5.59%	5.59%

6 Annual Volume**Water Volume**

Residential	308,850,184	377,909,858	453,961,289	504,714,730	555,499,694	605,184,143	652,546,384	696,319,686	735,244,392	776,345,014
Residential Outside	100,247,428	122,663,003	147,347,983	163,821,671	180,305,592	196,432,305	211,805,269	226,013,326	238,647,612	251,988,163
Commercial	104,120,104	127,401,620	153,040,209	170,150,296	187,271,011	204,020,718	219,987,558	234,744,488	247,866,852	261,722,764
Commercial Outside	22,390,069	27,396,544	32,909,886	36,589,253	40,270,905	43,872,775	47,306,296	50,479,638	53,301,482	56,281,068
Other5	-	-	-	-	-	-	-	-	-	-
Other6	-	-	-	-	-	-	-	-	-	-
Other7	-	-	-	-	-	-	-	-	-	-
Other8	-	-	-	-	-	-	-	-	-	-
Other9	-	-	-	-	-	-	-	-	-	-
Other10	-	-	-	-	-	-	-	-	-	-
Total System	535,607,785	655,371,026	787,259,368	875,275,950	963,347,202	1,049,509,940	1,131,645,508	1,207,557,138	1,275,060,338	1,346,337,009

Wastewater Billing Units

Residential	288,193,448	352,634,224	423,599,130	470,958,042	518,346,371	564,707,790	608,902,316	649,747,940	686,069,257	724,420,958
Residential Outside	76,000	76,000	76,000	76,000	76,000	76,000	76,000	76,000	76,000	76,000
Commercial	24,239,678	29,659,731	35,628,521	39,611,835	43,597,622	47,497,037	51,214,197	54,649,684	57,704,635	60,930,360
Commercial Outside	60,300	60,300	60,300	60,300	60,300	60,300	60,300	60,300	60,300	60,300
Other5	-	-	-	-	-	-	-	-	-	-
Other6	-	-	-	-	-	-	-	-	-	-
Other7	-	-	-	-	-	-	-	-	-	-
Other8	-	-	-	-	-	-	-	-	-	-
Other9	-	-	-	-	-	-	-	-	-	-
Other10	-	-	-	-	-	-	-	-	-	-
Total System	312,569,426	382,430,254	459,363,951	510,706,177	562,080,293	612,341,127	660,252,813	704,533,924	743,910,192	785,487,618

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL										
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027

Revenue Summary**Scenario: 2018 11 14 Scenario 1 -- Status Quo**

W1	Residential	\$ 2,679,839	\$ 3,372,479	\$ 4,172,699	\$ 4,778,388	\$ 5,416,971	\$ 6,078,515	\$ 6,706,728	\$ 7,299,753	\$ 7,861,970	\$ 8,467,488
W2	Residential Outside	1,355,180	1,686,714	2,078,714	2,380,450	2,698,573	3,028,134	3,349,973	3,650,925	3,932,114	4,234,960
W3	Commercial	1,404,313	1,774,452	2,195,493	2,514,180	2,850,175	3,198,250	3,528,788	3,840,812	4,136,626	4,455,224
W4	Commercial Outside	433,474	548,222	678,304	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
	Total Rate Revenue	5,872,806	7,381,866	9,125,209	10,449,782	11,846,288	13,293,007	14,675,719	15,978,119	17,208,732	18,534,125
	Non-Rate Revenue	1,675,083	1,675,083	1,793,131	1,366,001	1,366,534	1,347,952	1,308,744	1,248,149	1,166,286	1,203,024
	Total Revenue	7,547,889	9,056,949	10,918,341	11,815,783	13,212,822	14,640,959	15,984,463	17,226,268	18,375,018	19,737,149

W1	Residential	692,640	800,220	605,689	638,583	661,543	628,213	593,025	562,217	605,518
W2	Residential Outside	331,534	392,000	301,736	318,123	329,561	321,839	300,951	281,189	302,846
W3	Commercial	370,139	421,041	318,687	335,994	348,075	330,539	312,024	295,814	318,597
W4	Commercial Outside	114,748	130,082	98,459	103,806	107,539	102,121	96,401	91,393	98,432
	Total Rate Revenue	1,509,060	1,743,343	1,324,572	1,396,506	1,446,719	1,382,712	1,302,401	1,230,613	1,325,393
	Non-Rate Revenue	-	118,048	(427,130)	532	(18,581)	(39,208)	(60,595)	(81,863)	36,738
	Total Revenue	1,509,060	1,861,392	897,442	1,397,039	1,428,138	1,343,504	1,241,805	1,148,750	1,362,131

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL									
	2018	2019	2020	2021	2022	2023	2024	2025	2026

Revenue Summary**Scenario: 2018 11 14 Scenario 1 -- Status Quo**

WW1 Residential	\$ 2,535,534	\$ 3,308,742	\$ 4,332,315	\$ 5,250,174	\$ 6,298,513	\$ 7,479,426	\$ 8,458,881	\$ 9,297,098	\$ 10,111,316	\$ 10,996,841
WW2 Residential Outside	978	1,121	1,222	1,332	1,452	1,583	1,660	1,710	1,761	1,814
WW3 Commercial	231,918	301,788	395,147	478,864	574,482	682,192	771,528	847,981	922,245	1,003,013
WW4 Commercial Outside	880	988	1,077	1,173	1,279	1,394	1,462	1,506	1,551	1,598
Total Rate Revenue	2,769,309	3,612,639	4,729,761	5,731,544	6,875,726	8,164,595	9,233,531	10,148,295	11,036,873	12,003,266
Non-Rate Revenue	1,204,217	1,204,217	1,294,424	968,032	968,439	954,240	924,279	877,975	815,419	843,493
Total Revenue	3,973,526	4,816,856	6,024,185	6,699,576	7,844,165	9,118,835	10,157,810	11,026,270	11,852,293	12,846,759

WW1 Residential	773,208	1,023,573	917,859	1,048,339	1,180,913	979,455	838,217	814,218	885,525
WW2 Residential Outside	143	101	110	120	131	77	50	51	53
WW3 Commercial	69,870	93,359	83,717	95,618	107,710	89,335	76,453	74,264	80,768
WW4 Commercial Outside	108	89	97	106	115	68	44	45	47
Total Rate Revenue	843,330	1,117,122	1,001,783	1,144,183	1,288,868	1,068,936	914,764	888,579	966,393
Non-Rate Revenue	-	90,207	(326,392)	407	(14,199)	(29,961)	(46,304)	(62,556)	28,073
Total Revenue	843,330	1,207,329	675,391	1,144,589	1,274,670	1,038,975	868,460	826,023	994,466

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL																				
	Current	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027									
Revenue and Expense Summary																				
Scen: 2018 11 14 Scenario 1 -- Status Quo																				
1	TOTAL Revenues and Expenses -- CASH BASIS																			
Beginning Fund Balance	\$	-	\$	1,169,973	\$	1,471,738	\$	3,924,382	\$	4,220,043	\$	5,752,045	\$	6,829,735	\$	9,528,590	\$	11,219,359	\$	14,087,037
Rate Revenues																				
Water Rate Revenue																				
W1 Residential		2,679,839	3,372,479	4,172,699	4,778,388	5,416,971	6,078,515	6,706,728	7,299,753	7,861,970	8,467,488									
W2 Residential Outside		1,355,180	1,686,714	2,078,714	2,380,450	2,698,573	3,028,134	3,349,973	3,650,925	3,932,114	4,234,960									
W3 Commercial		1,404,313	1,774,452	2,195,493	2,514,180	2,850,175	3,198,250	3,528,788	3,840,812	4,136,626	4,455,224									
W4 Commercial Outside		433,474	548,222	678,304	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454									
Total		5,872,806	7,381,866	9,125,209	10,449,782	11,846,288	13,293,007	14,675,719	15,978,119	17,208,732	18,534,125									
Wastewater Rate Revenue																				
WW1 Residential		2,535,534	3,308,742	4,332,315	5,250,174	6,298,513	7,479,426	8,458,881	9,297,098	10,111,316	10,996,841									
WW2 Residential Outside		978	1,121	1,222	1,332	1,452	1,583	1,660	1,710	1,761	1,814									
WW3 Commercial		231,918	301,788	395,147	478,864	574,482	682,192	771,528	847,981	922,245	1,003,013									
WW4 Commercial Outside		880	988	1,077	1,173	1,279	1,394	1,462	1,506	1,551	1,598									
Total		2,769,309	3,612,639	4,729,761	5,731,544	6,875,726	8,164,595	9,233,531	10,148,295	11,036,873	12,003,266									
Non-Rate Revenues		2,879,300	2,879,300	3,087,555	2,334,034	2,334,973	2,302,193	2,233,024	2,126,124	1,981,705	2,046,516									
Total Revenues		11,521,415	13,873,805	16,942,525	18,515,359	21,056,987	23,759,794	26,142,273	28,252,538	30,227,310	32,583,908									
Cost of Service																				
Cost Center Code																				
24 Utility Billing		292,258	303,528	362,695	376,822	442,318	459,753	478,010	497,135	517,178	538,192									
21 Water Operations		1,842,858	1,909,728	2,037,333	2,171,918	2,251,998	2,335,529	2,422,691	2,513,673	2,608,681	2,707,929									
22 Sewer Operations		1,048,360	1,101,408	1,154,983	1,261,771	1,378,894	1,558,028	1,624,966	1,698,729	1,770,428	1,845,887									
UTRWD-W Upper Trinity Regional Water District- Water		2,111,200	2,841,778	3,246,517	3,548,227	4,370,998	4,716,766	5,068,882	5,981,962	6,366,659	6,777,020									
UTRWD-S Upper Trinity Regional Water District- Sewer		2,009,037	2,230,089	2,482,766	2,673,545	2,874,202	3,081,651	3,292,141	3,501,329	3,704,396	3,924,906									
Total		7,303,713	8,386,530	9,284,294	10,032,283	11,318,410	12,151,728	12,886,690	14,192,829	14,967,342	15,793,934									

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL										
	Current	2018	2019	2020	2021	2022	2023	2024	2025	2026
Revenue and Expense Summary										
Scen: 2018 11 14 Scenario 1 -- Status Quo										
Budget Code										
1 Personnel Svcs		1,351,926	1,401,088	1,557,729	1,730,782	1,903,405	2,093,855	2,173,138	2,256,116	2,343,007
2 Contractual		226,200	232,986	239,976	247,175	254,590	262,228	270,095	278,197	286,543
3 Materials & Supplies		729,400	753,282	778,040	803,714	830,345	857,977	886,655	916,428	947,349
4 Operations		380,500	399,038	415,460	431,584	452,463	470,089	488,381	511,839	531,723
5 Utilities		319,849	335,059	351,007	367,728	385,260	403,643	422,918	443,130	464,325
6 Administration		130,275	136,395	142,850	149,660	156,849	164,440	172,459	180,933	189,890
UTRWD-W Upper Trinity Regional Water District- Water		2,111,200	2,841,778	3,246,517	3,548,227	4,370,998	4,716,766	5,068,882	5,981,962	6,366,659
UTRWD-S Upper Trinity Regional Water District- Sewer		2,054,363	2,286,905	2,552,716	2,753,412	2,964,499	3,182,731	3,404,162	3,624,223	3,837,846
Total		7,303,713	8,386,530	9,284,294	10,032,283	11,318,410	12,151,728	12,886,690	14,192,829	14,967,342
Total Operating Expenses		7,303,713	8,386,530	9,284,294	10,032,283	11,318,410	12,151,728	12,886,690	14,192,829	14,967,342
Net Revenues for Transfers, Capital Outlays and Debt Service		4,217,702	5,487,274	7,658,231	8,483,076	9,738,577	11,608,067	13,255,584	14,059,709	15,259,968
Capital Outlays		299,734	299,734	299,734	299,734	299,734	299,734	299,734	299,734	299,734
Debt Service										
Debt Service -- Current		2,220,995	2,231,473	2,235,266	2,231,036	2,232,919	2,229,482	2,237,505	1,919,346	1,923,253
Debt Service -- Future		-	2,111,492	2,111,492	5,080,779	5,080,779	7,390,223	7,390,223	9,501,716	9,501,716
Total Debt Service		2,220,995	4,342,966	4,346,759	7,311,814	7,313,698	9,619,706	9,627,729	11,421,062	11,424,969
Net Revenues for Contingencies & Transfers		1,696,973	844,575	3,011,739	871,527	2,125,145	1,688,627	3,328,121	2,338,913	3,535,266
Total Contingencies & Transfers		527,000	542,810	559,094	575,867	593,143	610,937	629,266	648,144	667,588
Total Cost of Service		10,351,442	13,572,040	14,489,881	18,219,698	19,524,985	22,682,105	23,443,418	26,561,769	27,359,633
Percent of COS		10.2%	2.2%	14.5%	1.6%	7.3%	4.5%	10.3%	6.0%	9.5%
Ending Fund Balance		1,169,973	1,471,738	3,924,382	4,220,043	5,752,045	6,829,735	9,528,590	11,219,359	14,087,037
Revenue Adequacy Tests										
Total Operating + Debt Service + Transfers		10,051,708	13,272,306	14,190,147	17,919,964	19,225,251	22,382,371	23,143,684	26,262,035	27,059,899
Expenses Per Day		27,539	36,362	38,877	49,096	52,672	61,322	63,407	71,951	79,506
Days of Operating Expenses		42	40	101	86	109	111	150	156	190
Debt Coverage		1.90	1.26	1.76	1.16	1.33	1.21	1.38	1.23	1.34
(excludes Debt, Cap Outlays, G/F Transfers)		1.66	1.14	1.63	1.08	1.25	1.14	1.31	1.17	1.28

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL											
	Current	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Revenue and Expense Summary											
Scen: 2018 11 14 Scenario 1 -- Status Quo											
2	Water Revenue and Expense Summary										
Water Revenues											
Water Rate Revenue											
W1	Residential	\$ 2,679,839	\$ 3,372,479	\$ 4,172,699	\$ 4,778,388	\$ 5,416,971	\$ 6,078,515	\$ 6,706,728	\$ 7,299,753	\$ 7,861,970	\$ 8,467,488
W2	Residential Outside	1,355,180	1,686,714	2,078,714	2,380,450	2,698,573	3,028,134	3,349,973	3,650,925	3,932,114	4,234,960
W3	Commercial	1,404,313	1,774,452	2,195,493	2,514,180	2,850,175	3,198,250	3,528,788	3,840,812	4,136,626	4,455,224
W4	Commercial Outside	433,474	548,222	678,304	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
		5,872,806	7,381,866	9,125,209	10,449,782	11,846,288	13,293,007	14,675,719	15,978,119	17,208,732	18,534,125
	Non-Rate Revenues	1,675,083	1,675,083	1,793,131	1,366,001	1,366,534	1,347,952	1,308,744	1,248,149	1,166,286	1,203,024
	Total Revenues	7,547,889	9,056,949	10,918,341	11,815,783	13,212,822	14,640,959	15,984,463	17,226,268	18,375,018	19,737,149
Water Cost of Service											
Cost Center Code											
24	Utility Billing	185,273	192,418	229,926	238,882	280,402	291,455	303,029	315,153	327,859	341,181
21	Water Operations	1,842,858	1,909,728	2,037,333	2,171,918	2,251,998	2,335,529	2,422,691	2,513,673	2,608,681	2,707,929
22	Sewer Operations	-	-	-	-	-	-	-	-	-	-
UTRWD-W	Upper Trinity Regional Water District- Water	2,111,200	2,841,778	3,246,517	3,548,227	4,370,998	4,716,766	5,068,882	5,981,962	6,366,659	6,777,020
UTRWD-S	Upper Trinity Regional Water District- Sewer	-	-	-	-	-	-	-	-	-	-
	Total	4,139,331	4,943,924	5,513,776	5,959,027	6,903,399	7,343,750	7,794,602	8,810,788	9,303,199	9,826,129

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Revenue and Expense Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo**

Budget Code											
1	Personnel Svcs	860,891	891,875	1,012,170	1,109,018	1,181,962	1,225,829	1,271,684	1,319,641	1,369,821	1,422,354
2	Contractual	26,149	26,934	27,742	28,574	29,431	30,314	31,224	32,160	33,125	34,119
3	Materials & Supplies	658,400	679,152	700,607	722,791	745,735	769,467	794,020	819,428	845,725	872,947
4	Operations	164,509	170,794	177,376	184,272	191,501	199,083	207,039	215,392	224,167	233,391
5	Utilities	237,864	249,273	261,237	273,785	286,945	300,748	315,223	330,406	346,331	363,034
6	Administration	80,318	84,118	88,128	92,359	96,826	101,545	106,530	111,799	117,371	123,264
UTRWD-W	Upper Trinity Regional Water District- Water	2,111,200	2,841,778	3,246,517	3,548,227	4,370,998	4,716,766	5,068,882	5,981,962	6,366,659	6,777,020
UTRWD-S	Upper Trinity Regional Water District- Sewer	-	-	-	-	-	-	-	-	-	-
Total		4,139,331	4,943,924	5,513,776	5,959,027	6,903,399	7,343,750	7,794,602	8,810,788	9,303,199	9,826,129
Total Operating Expenses		4,139,331	4,943,924	5,513,776	5,959,027	6,903,399	7,343,750	7,794,602	8,810,788	9,303,199	9,826,129
Net Revenues for Transfers,Capital Outlays and Debt Service		3,408,557	4,113,025	5,404,564	5,856,756	6,309,423	7,297,209	8,189,862	8,415,480	9,071,819	9,911,020
Capital Outlays		181,823	181,823	181,823	181,823	181,823	181,823	181,823	181,823	181,823	181,823
Debt Service											
Debt Service -- Current		1,313,274	1,319,470	1,321,713	1,319,211	1,320,325	1,318,293	1,323,037	1,134,909	1,137,219	1,132,256
Debt Service -- Future		-	1,187,714	1,187,714	3,167,239	3,167,239	4,025,032	4,025,032	4,420,937	4,420,937	4,552,906
Total Debt Service		1,313,274	2,507,185	2,509,427	4,486,450	4,487,564	5,343,325	5,348,069	5,555,847	5,558,157	5,685,162
Net Revenues for Contingencies & Transfers		1,913,460	1,424,017	2,713,314	1,188,483	1,640,036	1,772,061	2,659,969	2,677,810	3,331,839	4,044,035
Total Contingencies & Transfers		359,415	370,198	381,304	392,743	404,525	416,661	429,160	442,035	455,296	468,955
Total Cost of Service		5,993,844	8,003,129	8,586,330	11,020,043	11,977,310	13,285,559	13,753,654	14,990,493	15,498,475	16,162,070
Percent of COS											
		20.6%	11.6%	21.4%	6.7%	9.4%	9.3%	14.0%	13.0%	15.7%	18.1%
Debt Coverage		2.60	1.64	2.15	1.31	1.41	1.37	1.53	1.51	1.63	1.74

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL											
	Current	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Revenue and Expense Summary											
Scen: 2018 11 14 Scenario 1 -- Status Quo											
3											
Wastewater Revenues											
Wastewater Rate Revenue											
WW1	Residential	\$ 2,535,534	\$ 3,308,742	\$ 4,332,315	\$ 5,250,174	\$ 6,298,513	\$ 7,479,426	\$ 8,458,881	\$ 9,297,098	\$ 10,111,316	\$ 10,996,841
WW2	Residential Outside	978	1,121	1,222	1,332	1,452	1,583	1,660	1,710	1,761	1,814
WW3	Commercial	231,918	301,788	395,147	478,864	574,482	682,192	771,528	847,981	922,245	1,003,013
WW4	Commercial Outside	880	988	1,077	1,173	1,279	1,394	1,462	1,506	1,551	1,598
		2,769,309	3,612,639	4,729,761	5,731,544	6,875,726	8,164,595	9,233,531	10,148,295	11,036,873	12,003,266
	Non-Rate Revenues	1,204,217	1,204,217	1,294,424	968,032	968,439	954,240	924,279	877,975	815,419	843,493
	Total Revenues	3,973,526	4,816,856	6,024,185	6,699,576	7,844,165	9,118,835	10,157,810	11,026,270	11,852,293	12,846,759
Wastewater Cost of Service											
Cost Center Code											
24	Utility Billing	106,985	111,110	132,769	137,940	161,916	168,298	174,981	181,982	189,319	197,012
21	Water Operations	-	-	-	-	-	-	-	-	-	-
22	Sewer Operations	1,048,360	1,101,408	1,154,983	1,261,771	1,378,894	1,558,028	1,624,966	1,698,729	1,770,428	1,845,887
UTRWD-W	Upper Trinity Regional Water District- Water	-	-	-	-	-	-	-	-	-	-
UTRWD-S	Upper Trinity Regional Water District- Sewer	2,009,037	2,230,089	2,482,766	2,673,545	2,874,202	3,081,651	3,292,141	3,501,329	3,704,396	3,924,906
	Total	3,164,382	3,442,607	3,770,518	4,073,256	4,415,011	4,807,977	5,092,088	5,382,040	5,664,143	5,967,805

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

	Current	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Revenue and Expense Summary											
Scen: 2018 11 14 Scenario 1 -- Status Quo											
Budget Code											
1 Personnel Svcs	491,035	509,213	545,559	621,764	721,443	868,027	901,454	936,476	973,186	1,011,687	
2 Contractual	200,051	206,052	212,234	218,601	225,159	231,914	238,871	246,037	253,418	261,021	
3 Materials & Supplies	71,000	74,130	77,434	80,923	84,611	88,510	92,634	97,000	101,624	106,524	
4 Operations	215,991	228,243	238,083	247,312	260,963	271,006	281,343	296,447	307,556	319,140	
5 Utilities	81,985	85,787	89,770	93,942	98,314	102,895	107,695	112,724	117,994	123,517	
6 Administration	49,957	52,276	54,722	57,301	60,023	62,896	65,929	69,133	72,519	76,099	
UTRWD-W Upper Tnnity Regional Water District- Water	-	-	-	-	-	-	-	-	-	-	
UTRWD-S Upper Tnnity Regional Water District- Sewer	2,054,363	2,286,905	2,552,716	2,753,412	2,964,499	3,182,731	3,404,162	3,624,223	3,837,846	4,069,818	
Total	3,164,382	3,442,607	3,770,518	4,073,256	4,415,011	4,807,977	5,092,088	5,382,040	5,664,143	5,967,805	
Total Operating Expenses	3,164,382	3,442,607	3,770,518	4,073,256	4,415,011	4,807,977	5,092,088	5,382,040	5,664,143	5,967,805	
Net Revenues for Transfers,Capital Outlays and Debt Service	809,145	1,374,249	2,253,667	2,626,320	3,429,154	4,310,858	5,065,722	5,644,230	6,188,149	6,878,954	
Capital Outlays	117,911	117,911	117,911	117,911	117,911	117,911	117,911	117,911	117,911	117,911	
Debt Service											
Debt Service -- Current	907,720	912,003	913,553	911,824	912,594	911,189	914,468	784,437	786,033	782,603	
Debt Service -- Future	-	923,778	923,778	1,913,540	1,913,540	3,365,191	3,365,191	5,080,779	5,080,779	6,070,541	
Total Debt Service	907,720	1,835,781	1,837,331	2,825,364	2,826,134	4,276,380	4,279,659	5,865,215	5,866,812	6,853,144	
Net Revenues for Contingencies & Transfers	(216,487)	(579,443)	298,425	(316,956)	485,109	(83,434)	668,151	(338,897)	203,426	(92,101)	
Total Contingencies & Transfers	167,585	172,612	177,791	183,124	188,618	194,277	200,105	206,108	212,291	218,660	
Total Cost of Service	4,357,598	5,568,911	5,903,551	7,199,656	7,547,675	9,396,546	9,689,764	11,571,275	11,861,158	13,157,520	
Percent of COS	-9.7%	-15.6%	2.0%	-7.5%	3.8%	-3.0%	4.6%	-4.9%	-0.1%	-2.4%	
Debt Coverage (excludes Debt, Cap Outlays, G/F Transfers)	0.89	0.75	1.23	0.93	1.21	1.01	1.18	0.96	1.05	1.00	

**CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL**

Water Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo**1 **Monthly Minimum Charge****Monthly Minimum Charge**

Base Charge	3/4"	\$	22 25	\$	23 15	\$	23 84	\$	24 56	\$	25 30	\$	26 06	\$	26 84	\$	27 37	\$	27 92	\$	28 48	\$	29 05
	1"		38 93		38 93		40 10		41 30		42 54		43 82		45 13		46 03		46 95		47 89		48 85
	1 1/2"		77 87		77 87		80 21		82 61		85 09		87 64		90 27		92 08		93 92		95 80		97 71
	2"		124 59		124 59		128 33		132 18		136 14		140 23		144 43		147 32		150 27		153 27		156 34

Volume Rate/1,000 Gal

2,001	10,000	\$	4 96	\$	5 06	\$	5 21	\$	5 37	\$	5 53	\$	5 70	\$	5 87	\$	5 98	\$	6 10	\$	6 22	\$	6 35
10,001	20,000		7 44		7 66		7 89		8 13		8 37		8 62		8 88		9 06		9 24		9 42		9 61
20,001	30,000		8 68		9 02		9 29		9 57		9 86		10 15		10 46		10 67		10 88		11 10		11 32
30,001	Above		12 40		13 02		13 41		13 81		14 23		14 65		15 09		15 40		15 70		16 02		16 34

Monthly Minimum Charge

	3/4"	\$	27 81	\$	27 81	\$	28 64	\$	29 50	\$	30 39	\$	31 30	\$	32 24	\$	32 88	\$	33 54	\$	34 21	\$	34 90
	1"		48 67		48 67		50 13		51 63		53 18		54 78		56 42		57 55		58 70		59 88		61 07
	1 1/2"		97 34		97 34		100 26		103 27		106 37		109 56		112 84		115 10		117 40		119 75		122 15
	2"		155 74		155 74		160 41		165 22		170 18		175 29		180 55		184 16		187 84		191 60		195 43
	3"		233 60		233 60		240 61		247 83		255 26		262 92		270 81		276 22		281 75		287 38		293 13
	4"		389 34		389 34		401 02		413 05		425 44		438 21		451 35		460 38		469 59		478 98		488 56

Volume Rate/1,000 Gal

2,001	10,000	\$	4 96	\$	5 06	\$	5 21	\$	5 37	\$	5 53	\$	5 70	\$	5 87	\$	5 98	\$	6 10	\$	6 22	\$	6 35
10,001	20,000		7 44		7 66		7 89		8 13		8 37		8 62		8 88		9 06		9 24		9 42		9 61
20,001	30,000		8 68		9 02		9 29		9 57		9 86		10 15		10 46		10 67		10 88		11 10		11 32
30,001	Above		12 40		13 02		13 41		13 81		14 23		14 65		15 09		15 40		15 70		16 02		16 34

2 1 **Monthly Minimum Charge****Gallons**

5,000	Total	\$	37 13	\$	38 33	\$	39 48	\$	40 66	\$	41 88	\$	43 14	\$	44 43	\$	45 32	\$	46 23	\$	47 15	\$	48 10
	Dollar Inc				1 20		1 15		1 18		1 22		1 26		1 29		0 89		0 91		0 92		0 94
	Percent Inc				3 2%		3 0%		3 0%		3 0%		3 0%		3 0%		2 0%		2 0%		2 0%		2 0%
10,000	Total		61 93		63 63		65 54		67 51		69 53		71 62		73 76		75 24		76 74		78 28		79 85
	Dollar Inc				1 70		1 91		1 97		2 03		2 09		2 15		1 48		1 50		1 53		1 57
	Percent Inc				2 7%		3 0%		3 0%		3 0%		3 0%		3 0%		2 0%		2 0%		2 0%		2 0%
20,000	Total		136 33		140 23		144 44		148 77		153 23		157 83		162 57		165 82		169 13		172 52		175 97
	Dollar Inc				3 90		4 21		4 33		4 46		4 60		4 73		3 25		3 32		3 38		3 45
	Percent Inc				2 9%		3 0%		3 0%		3 0%		3 0%		3 0%		2 0%		2 0%		2 0%		2 0%
30,000	Total		223 13		230 43		237 34		244 46		251 80		259 35		267 13		272 47		277 92		283 48		289 15
	Dollar Inc				7 30		6 91		7 12		7 33		7 55		7 78		5 34		5 45		5 56		5 67
	Percent Inc				3 3%		3 0%		3 0%		3 0%		3 0%		3 0%		2 0%		2 0%		2 0%		2 0%

**CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL**

Water Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo**

2.2												
30,000	Total	298 22	304 62	313 76	323 17	332 87	342 85	353 14	360 20	367 40	374 75	382 25
	Dollar Inc		6 40	9 14	9 41	9 70	9 99	10 29	7 06	7 20	7 35	7 50
	Percent Inc		2 1%	3 0%	3 0%	3 0%	3 0%	3 0%	2 0%	2 0%	2 0%	2 0%
60,000	Total	670 22	695 22	716 08	737 56	759 69	782 48	805 95	822 07	838 51	855 28	872 39
	Dollar Inc		25 00	20 86	21 48	22 13	22 79	23 47	16 12	16 44	16 77	17 11
	Percent Inc		3 7%	3 0%	3 0%	3 0%	3 0%	3 0%	2 0%	2 0%	2 0%	2 0%
3												
	Total Accounts		5,090	6,228	7,482	8,318	9,155	9,974	10,754	11,476	12,117	12,795
	New Accounts			1,138	1,253	836	837	819	781	721	641	677
	Avg Annual Growth Rate			22 4%	20 1%	11 2%	10 1%	8 9%	7 8%	6 7%	5 6%	5 6%
4												
W 1	Residential		308,850,184	377,909,858	453,961,289	504,714,730	555,499,694	605,184,143	652,546,384	696,319,686	735,244,392	776,345,014
W 2	Residential Outside		100,247,428	122,663,003	147,347,983	163,821,671	180,305,592	196,432,305	211,805,269	226,013,326	238,647,612	251,988,163
W 3	Commercial		104,120,104	127,401,620	153,040,209	170,150,296	187,271,011	204,020,718	219,987,558	234,744,488	247,866,852	261,722,764
W 4	Commercial Outside		22,390,069	27,396,544	32,909,886	36,589,253	40,270,905	43,872,775	47,306,296	50,479,638	53,301,482	56,281,068
	Total System		535,607,785	655,371,026	787,259,368	875,275,950	963,347,202	1,049,509,940	1,131,645,508	1,207,557,138	1,275,060,338	1,346,337,009
				22 4%	20 1%	11 2%	10 1%	8 9%	7 8%	6 7%	5 6%	5 6%

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Water Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo**

5

Water Revenues**Water Rate Revenue**

W 1	Residential	\$ 2,679,839	\$ 3,372,479	\$ 4,172,699	\$ 4,778,388	\$ 5,416,971	\$ 6,078,515	\$ 6,706,728	\$ 7,299,753	\$ 7,861,970	\$ 8,467,488
W 2	Residential Outside	1,355,180	1,686,714	2,078,714	2,380,450	2,698,573	3,028,134	3,349,973	3,650,925	3,932,114	4,234,960
W 3	Commercial	1,404,313	1,774,452	2,195,493	2,514,180	2,850,175	3,198,250	3,528,788	3,840,812	4,136,626	4,455,224
W 4	Commercial Outside	433,474	548,222	678,304	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
		5,872,806	7,381,866	9,125,209	10,449,782	11,846,288	13,293,007	14,675,719	15,978,119	17,208,732	18,534,125
	Non-Rate Revenues	1,675,083	1,675,083	1,793,131	1,366,001	1,366,534	1,347,952	1,308,744	1,248,149	1,166,286	1,203,024
	Total Revenues	7,547,889	9,056,949	10,918,341	11,815,783	13,212,822	14,640,959	15,984,463	17,226,268	18,375,018	19,737,149

Water Cost of Service**Cost Center Code**

24	Utility Billing	185,273	192,418	229,926	238,882	280,402	291,455	303,029	315,153	327,859	341,181
21	Water Operations	1,842,858	1,909,728	2,037,333	2,171,918	2,251,998	2,335,529	2,422,691	2,513,673	2,608,681	2,707,929
22	Sewer Operations	-	-	-	-	-	-	-	-	-	-
UTRWD-W	Upper Trinity Regional Water District- Water	2,111,200	2,841,778	3,246,517	3,548,227	4,370,998	4,716,766	5,068,882	5,981,962	6,366,659	6,777,020
UTRWD-S	Upper Trinity Regional Water District- Sewer	-	-	-	-	-	-	-	-	-	-
	Total	4,139,331	4,943,924	5,513,776	5,959,027	6,903,399	7,343,750	7,794,602	8,810,788	9,303,199	9,826,129

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Water Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo**

Budget Code											
1	Personnel Svcs	\$ 860,891	\$ 891,875	\$ 1,012,170	\$ 1,109,018	\$ 1,181,962	\$ 1,225,829	\$ 1,271,684	\$ 1,319,641	\$ 1,369,821	\$ 1,422,354
2	Contractual	26,149	26,934	27,742	28,574	29,431	30,314	31,224	32,160	33,125	34,119
3	Materials & Supplies	658,400	679,152	700,607	722,791	745,735	769,467	794,020	819,428	845,725	872,947
4	Operations	164,509	170,794	177,376	184,272	191,501	199,083	207,039	215,392	224,167	233,391
5	Utilities	237,864	249,273	261,237	273,785	286,945	300,748	315,223	330,406	346,331	363,034
6	Administration	80,318	84,118	88,128	92,359	96,826	101,545	106,530	111,799	117,371	123,264
UTRWD-W Upper Trinity Regional Water District- Water		2,111,200	2,841,778	3,246,517	3,548,227	4,370,998	4,716,766	5,068,882	5,981,962	6,366,659	6,777,020
UTRWD-S Upper Trinity Regional Water District- Sewer		-	-	-	-	-	-	-	-	-	-
Total		4,139,331	4,943,924	5,513,776	5,959,027	6,903,399	7,343,750	7,794,602	8,810,788	9,303,199	9,826,129
Total Operating Expenses		4,139,331	4,943,924	5,513,776	5,959,027	6,903,399	7,343,750	7,794,602	8,810,788	9,303,199	9,826,129
Net Revenues for Transfers,Capital Outlays and Debt S		3,408,557	4,113,025	5,404,564	5,856,756	6,309,423	7,297,209	8,189,862	8,415,480	9,071,819	9,911,020
Capital Outlays		181,823	181,823	181,823	181,823	181,823	181,823	181,823	181,823	181,823	181,823
Debt Service											
Debt Service -- Current		1,313,274	1,319,470	1,321,713	1,319,211	1,320,325	1,318,293	1,323,037	1,134,909	1,137,219	1,132,256
Debt Service -- Future		-	1,187,714	1,187,714	3,167,239	3,167,239	4,025,032	4,025,032	4,420,937	4,420,937	4,552,906
Total Debt Service		1,313,274	2,507,185	2,509,427	4,486,450	4,487,564	5,343,325	5,348,069	5,555,847	5,558,157	5,685,162
Net Revenues for Contingencies & Transfers		1,913,460	1,424,017	2,713,314	1,188,483	1,640,036	1,772,061	2,659,969	2,677,810	3,331,839	4,044,035
Total Contingencies & Transfers		359,415	370,198	381,304	392,743	404,525	416,661	429,160	442,035	455,296	468,955
Total Cost of Service		5,993,844	8,003,129	8,586,330	11,020,043	11,977,310	13,285,559	13,753,654	14,990,493	15,498,475	16,162,070
Percent of COS											
		20.6%	11.6%	21.4%	6.7%	9.4%	9.3%	14.0%	13.0%	15.7%	18.1%
Debt Coverage											
(excludes Capital Outlays, G/F Transfers)		2.60	1.64	2.15	1.31	1.41	1.37	1.53	1.51	1.63	1.74

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Wastewater Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo****1**

Monthly Charge	3/4"	\$	20 60	\$	21 50	\$	23 44	\$	25 54	\$	27 84	\$	30 35	\$	33 08	\$	34 07	\$	35 10	\$	36 15	\$	37 23
	1"		38 63		38 63		42 11		45 90		50 03		54 53		59 44		61 22		63 06		64 95		66 90
	1 1/2"		72 10		72 10		78 59		85 66		93 37		101 78		110 93		114 26		117 69		121 22		124 86
	2"		123 60		123 60		134 72		146 85		160 07		174 47		190 17		195 88		201 76		207 81		214 04
Volume Rate/1,000 Gal (2,001 to 14,000)			5 73		5 84		6 37		6 94		7 56		8 24		8 99		9 26		9 53		9 82		10 11

Monthly Charge	3/4"		25 75		25 75		28 07		30 59		33 35		36 35		39 62		40 81		42 03		43 29		44 59
	1"		48 29		48 29		52 64		57 37		62 54		68 17		74 30		76 53		78 83		81 19		83 63
	1 1/2"		90 13		90 13		98 24		107 08		116 72		127 23		138 68		142 84		147 12		151 54		156 08
	2"		154 50		154 50		168 41		183 56		200 08		218 09		237 72		244 85		252 19		259 76		267 55
	4"		386 25		386 25		421 01		458 90		500 20		545 22		594 29		612 12		630 49		649 40		668 88
Volume Rate/1,000 Gal			5 73		5 84		6 37		6 94		7 56		8 24		8 99		9 26		9 53		9 82		10 11

2.1

5,000 Gallons	Total	\$	37 79	\$	39 02	\$	42 53	\$	46 36	\$	50 53	\$	55 08	\$	60 04	\$	61 84	\$	63 69	\$	65 60	\$	67 57
	Dollar Inc				1 23		3 51		3 83		4 17		4 55		4 96		1 80		1 86		1 91		1 97
	Percent Inc				3 3%		9 0%		9 0%		9 0%		9 0%		9 0%		3 0%		3 0%		3 0%		3 0%
10,000 Gallons	Total		66 44		68 22		74 36		81 05		88 35		96 30		104 96		108 11		111 36		114 70		118 14
	Dollar Inc				1 78		6 14		6 69		7 29		7 95		8 67		3 15		3 24		3 34		3 44
	Percent Inc				2 7%		9 0%		9 0%		9 0%		9 0%		9 0%		3 0%		3 0%		3 0%		3 0%
20,000 Gallons	Total		89 36		91 58		99 82		108 81		118 60		129 27		140 91		145 13		149 49		153 97		158 59
	Dollar Inc				2 22		8 24		8 98		9 79		10 67		11 63		4 23		4 35		4 48		4 62
	Percent Inc				2 5%		9 0%		9 0%		9 0%		9 0%		9 0%		3 0%		3 0%		3 0%		3 0%
30,000 Gallons	Total		89 36		91 58		99 82		108 81		118 60		129 27		140 91		145 13		149 49		153 97		158 59
	Dollar Inc				2 22		8 24		8 98		9 79		10 67		11 63		4 23		4 35		4 48		4 62
	Percent Inc				2 5%		9 0%		9 0%		9 0%		9 0%		9 0%		3 0%		3 0%		3 0%		3 0%

**CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL**

Wastewater Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo**

2.2

30,000 Gallons	Total	250 57	253 65	276 48	301 36	328 48	358 05	390 27	401 98	414 04	426 46	439 25
	Dollar Inc		3 08	22 83	24 88	27 12	29 56	32 22	11 71	12 06	12 42	12 79
	Percent Inc		1 2%	9 0%	9 0%	9 0%	9 0%	9 0%	3 0%	3 0%	3 0%	3 0%
60,000 Gallons	Total	422 47	428 85	467 45	509 52	555 37	605 36	659 84	679 63	700 02	721 02	742 65
	Dollar Inc		6 38	38 60	42 07	45 86	49 98	54 48	19 80	20 39	21 00	21 63
	Percent Inc		1 5%	9 0%	9 0%	9 0%	9 0%	9 0%	3 0%	3 0%	3 0%	3 0%

3

Total Accounts		4,356	5,329	6,401	7,116	7,832	8,533	9,200	9,817	10,386	10,945
New Accounts			973	1,072	715	716	700	668	617	549	579
Avg. Annual Growth Rate			22 35%	20 12%	11 18%	10 06%	8 94%	7 82%	6 71%	5 59%	5 59%

4

WW 1	Residential	288,193,448	352,634,224	423,599,130	470,958,042	518,346,371	564,707,790	608,902,316	649,747,940	686,069,257	724,420,958
WW 2	Residential Outside	76,000	76,000	76,000	76,000	76,000	76,000	76,000	76,000	76,000	76,000
WW 3	Commercial	24,239,678	29,659,731	35,628,521	39,611,835	43,597,622	47,497,037	51,214,197	54,649,684	57,704,635	60,930,360
WW 4	Commercial Outside	60,300	60,300	60,300	60,300	60,300	60,300	60,300	60,300	60,300	60,300
WW 5	Other5	-	-	-	-	-	-	-	-	-	-
WW 6	Other6	-	-	-	-	-	-	-	-	-	-
WW 7	Other7	-	-	-	-	-	-	-	-	-	-
WW 8	Other8	-	-	-	-	-	-	-	-	-	-
WW 9	Other9	-	-	-	-	-	-	-	-	-	-
WW 10	Other10	-	-	-	-	-	-	-	-	-	-
Total System		312,569,426	382,430,254	459,363,951	510,706,177	562,080,293	612,341,127	660,252,813	704,533,924	743,910,192	785,487,618

5

Wastewater Revenues**Wastewater Rate Revenue**

WW 1	Residential	\$ 2,535,534	\$ 3,308,742	\$ 4,332,315	\$ 5,250,174	\$ 6,298,513	\$ 7,479,426	\$ 8,458,881	\$ 9,297,098	\$ 10,111,316	\$ 10,996,841
WW 2	Residential Outside	978	1,121	1,222	1,332	1,452	1,583	1,660	1,710	1,761	1,814
WW 5	Commercial	231,918	301,788	395,147	478,864	574,482	682,192	771,528	847,981	922,245	1,003,013
WW 6	Commercial Outside	880	988	1,077	1,173	1,279	1,394	1,462	1,506	1,551	1,598
Sub-Total		2,769,309	3,612,639	4,729,761	5,731,544	6,875,726	8,164,595	9,233,531	10,148,295	11,036,873	12,003,266

Non-Rate Revenues

		1,204,217	1,204,217	1,294,424	968,032	968,439	954,240	924,279	877,975	815,419	843,493
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Total Revenues

		3,973,526	4,816,856	6,024,185	6,699,576	7,844,165	9,118,835	10,157,810	11,026,270	11,852,293	12,846,759
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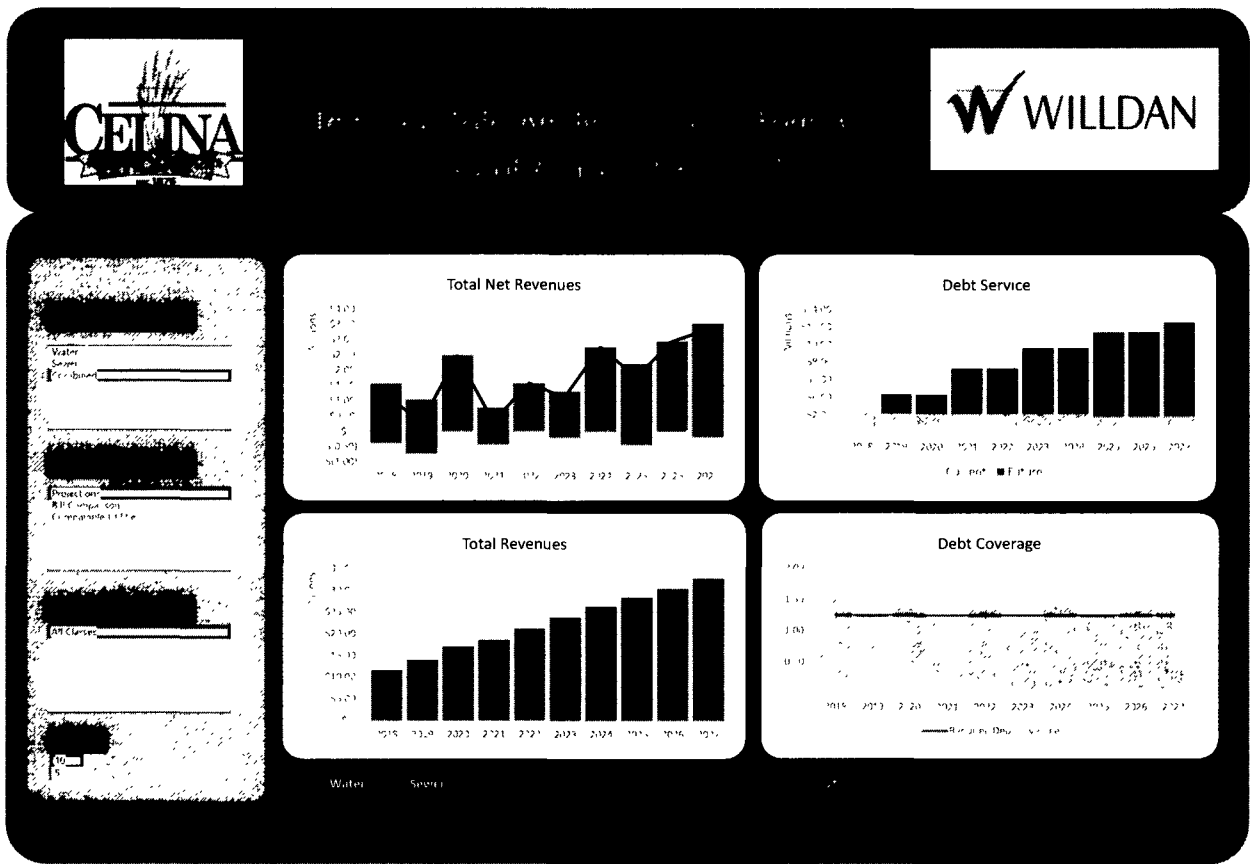
Wastewater Cost of Service**Cost Center Code**

24	Utility Billing	106,985	111,110	132,769	137,940	161,916	168,298	174,981	181,982	189,319	197,012
21	Water Operations	-	-	-	-	-	-	-	-	-	-
22	Sewer Operations	1,048,360	1,101,408	1,154,983	1,261,771	1,378,894	1,558,028	1,624,966	1,698,729	1,770,428	1,845,887
UTRWD-W	Upper Trinity Regional Water District- Water	-	-	-	-	-	-	-	-	-	-
UTRWD-S	Upper Trinity Regional Water District- Sewer	2,009,037	2,230,089	2,482,766	2,673,545	2,874,202	3,081,651	3,292,141	3,501,329	3,704,396	3,924,906
Total		3,164,382	3,442,607	3,770,518	4,073,256	4,415,011	4,807,977	5,092,088	5,292,040	5,664,143	5,967,805

**CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL**

Wastewater Summary**Scen: 2018 11 14 Scenario 1 -- Status Quo**

Budget Code											
1	Personnel Svcs	491,035	509,213	545,559	621,764	721,443	868,027	901,454	936,476	973,186	1,011,687
2	Contractual	200,051	206,052	212,234	218,601	225,159	231,914	238,871	246,037	253,418	261,021
3	Materials & Supplies	71,000	74,130	77,434	80,923	84,611	88,510	92,634	97,000	101,624	106,524
4	Operations	215,991	228,243	238,083	247,312	260,963	271,006	281,343	296,447	307,556	319,140
5	Utilities	81,985	85,787	89,770	93,942	98,314	102,895	107,695	112,724	117,994	123,517
6	Administration	49,957	52,276	54,722	57,301	60,023	62,896	65,929	69,133	72,519	76,099
UTRWD-W	Upper Trinity Regional Water District- Water	-	-	-	-	-	-	-	-	-	-
UTRWD-S	Upper Trinity Regional Water District- Sewer	2,054,363	2,286,905	2,552,716	2,753,412	2,964,499	3,182,731	3,404,162	3,624,223	3,837,846	4,069,818
Total		3,164,382	3,442,607	3,770,518	4,073,256	4,415,011	4,807,977	5,092,088	5,382,040	5,664,143	5,967,805
Total Operating Expenses		3,164,382	3,442,607	3,770,518	4,073,256	4,415,011	4,807,977	5,092,088	5,382,040	5,664,143	5,967,805
Net Revenues for Transfers, Capital Outlays and Debt Service		809,145	1,374,249	2,253,667	2,626,320	3,429,154	4,310,858	5,065,722	5,644,230	6,188,149	6,878,954
Capital Outlays		117,911	117,911	117,911	117,911	117,911	117,911	117,911	117,911	117,911	117,911
Debt Service											
Debt Service -- Current		907,720	912,003	913,553	911,824	912,594	911,189	914,468	784,437	786,033	782,603
Debt Service -- Future		-	923,778	923,778	1,913,540	1,913,540	3,365,191	3,365,191	5,080,779	5,080,779	6,070,541
Total Debt Service		907,720	1,835,781	1,837,331	2,825,364	2,826,134	4,276,380	4,279,659	5,865,215	5,866,812	6,853,144
Net Revenues for Contingencies & Transfers		(216,487)	(579,443)	298,425	(316,956)	485,109	(83,434)	668,151	(338,897)	203,426	(92,101)
Total Contingencies & Transfers		167,585	172,612	177,791	183,124	188,618	194,277	200,105	206,108	212,291	218,660
Total Cost of Service		4,357,598	5,568,911	5,903,551	7,199,656	7,547,675	9,396,546	9,689,764	11,571,275	11,861,158	13,157,520
Percent of COS		-9.7%	-15.6%	2.0%	-7.5%	3.8%	-3.0%	4.6%	-4.9%	-0.1%	-2.4%
Debt Coverage		0.89	0.75	1.23	0.93	1.21	1.01	1.18	0.96	1.05	1.00
(excludes Debt, Cap Outlays, G/F Transfers)											



Future Debt Term		
Alternative	Proposed	
1	\$ 18,000,000	
2	\$ -	
3	\$ 30,000,000	
4	\$ -	
5	\$ 13,000,000	
6	\$ -	
7	\$ 6,000,000	
8	\$ -	
9	\$ 2,000,000	
10	\$ -	

Future Debt Term		
Alternative	Proposed	
1	\$ 14,000,000	
2	\$ -	
3	\$ 15,000,000	
4	\$ -	
5	\$ 22,000,000	
6	\$ -	
7	\$ 26,000,000	
8	\$ -	
9	\$ 15,000,000	
10	\$ -	

Water Rate Adjustments		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Meter Charge														
Volume Charge														
Sewer Rate Adjustments														
Base Charge														
Volume Charge														
Residential														
Non-Residential														

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary**Scen: 2018 11 14 Scenario 2 -- WW Inverted Block****1 Water/Wastewater Cost of Service****City Water/Wastewater Charge****Water/Wastewater Charge****Monthly Minimum Charge**

3/4"	\$	23 15	\$	23 84	\$	24 56	\$	25 30
1"		38 93		40 10		41 30		42 54
1 1/2"		77 87		80 21		82 61		85 09
2"		124 59		128 33		132 18		136 14

Volume Rate/1,000 Gal

2,001	10,000	\$	5 06	\$	5 21	\$	5 37	\$	5 53
10,001	20,000		7 66		7 89		8 13		8 37
20,001	30,000		9 02		9 29		9 57		9 86
30,001	Above		13 02		13 41		13 81		14 23

W1 Wastewater Charge**Monthly Minimum Charge**

3/4"	\$	34 72	\$	35 77	\$	36 84	\$	37 94
1"		58 40		58 40		60 15		61 95
1 1/2"		116 81		116 81		120 31		123 92
2"		186 89		186 89		192 49		198 27

Volume Rate/1,000 Gal

2,001	10,000	\$	7 59	\$	7 59	\$	7 82	\$	8 05
10,001	20,000		11 49		11 49		11 83		12 19
20,001	30,000		13 53		13 53		13 94		14 35
30,001	Above		19 53		19 53		20 12		20 72

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-18	Effective Jan-19	Effective Jan-21

City Rate Plan -- Three Year Summary**Scen: 2018 11 14 Scenario 2 -- WW Inverted Block****Monthly Minimum Charge**

3/4"	\$	27 81	\$	28 64	\$	29 50	\$	30 39
1"		48 67		50 13		51 63		53 18
1 1/2"		97 34		100 26		103 27		106 37
2"		155 74		160 41		165 22		170 18
3"		233 60		240 61		247 83		255 26
4"		389 34		401 02		413 05		425 44

Volume Rate/1,000 Gal

2,001	10,000	\$	5 06	\$	5 21	\$	5 37	\$	5 53
10,001	20,000		7 66		7 89		8 13		8 37
20,001	30,000		9 02		9 29		9 57		9 86
30,001	Above		13 02		13 41		13 81		14 23

Monthly Minimum Charge

3/4"	\$	41 72	\$	42 97	\$	44 26	\$	45 58
1"		73 01		75 20		77 45		79 77
1 1/2"		146 01		150 39		154 90		159 55
2"		233 61		240 62		247 84		255 27
3"		350 40		360 91		371 74		382 89
4"		584 01		601 53		619 58		638 16

Volume Rate/1,000 Gal

2,001	10,000	\$	7 59	\$	7 82	\$	8 05	\$	8 29
10,001	20,000		11 49		11 83		12 19		12 56
20,001	30,000		13 53		13 94		14 35		14 78
30,001	Above		19 53		20 12		20 72		21 34

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
Current	Effective Jan-19	Effective Jan-20	Effective Jan-21	

City Rate Plan -- Three Year Summary**Scen: 2018 11 14 Scenario 2 -- WW Inverted Block**

2

Monthly Minimum Charge

3/4"	\$	21 50	\$	23 44	\$	25 54	\$	27 84
1"		38 63		42 11		45 90		50 03
1 1/2"		72 10		78 59		85 66		93 37
2"		123 60		134 72		146 85		160 07

Volume Rate/1,000 Gal

2,001	5,000	5 84	5 84	6 37	6 94
5,001	Maximum	5 84	7 23	7 88	8 59
	Maximum Gallons	14 000	13,000	12,000	11 000

Monthly Minimum Charge

3/4"		32 25	35 15	38 32	41 76
1"		57 95	63 16	68 84	75 04
1 1/2"		108 15	117 88	128 49	140 06
2"		185 40	202 09	220 27	240 10

Volume Rate/1,000 Gal

2,001	5,000	12 90	12 90	14 06	15 33
5,001	Maximum	12 90	15 97	17 41	18 97
	Maximum Gallons	14,000	13 000	12,000	11,000

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary**Scen: 2018 11 14 Scenario 2 -- WW Inverted Block****Monthly Minimum Charge**

3/4"	25 75	28 07	30 59	33 35
1"	48 29	52 64	57 37	62 54
1 1/2"	90 13	98 24	107 08	116 72
2"	154 50	168 41	183 56	200 08
4"	386 25	421 01	458 90	500 20

Volume Rate/1,000 Gal

2,001	Above	5 84	6 37	6 94	7 56
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Monthly Minimum Charge

3/4"	38 63	42 10	45 89	50 02
1"	72 44	78 95	86 06	93 81
1 1/2"	135 20	147 36	160 63	175 08
2"	231 75	252 61	275 34	300 12
4"	579 38	631 52	688 36	750 31

Volume Rate/1,000 Gal

2,001	Above	12 90	14 06	15 33	16 71
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CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL				
	Current	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary**Scen: 2018 11 14 Scenario 2 -- WW Inverted Block****3 1/4" Meter****5,000 Gallons -- 3/4" Meter**

Total	\$ 38.33	\$ 39.48	\$ 40.66	\$ 41.88
Dollar Inc	1.20	1.15	1.18	1.22
Percent Inc	3.2%	3.0%	3.0%	3.0%

10,000 Gallons -- 3/4" Meter

Total	63.63	65.54	67.51	69.53
Dollar Inc	1.70	1.91	1.97	2.03
Percent Inc	2.7%	3.0%	3.0%	3.0%

20,000 Gallons -- 3/4" Meter

Total	140.23	144.44	148.77	153.23
Dollar Inc	3.90	4.21	4.33	4.46
Percent Inc	2.9%	3.0%	3.0%	3.0%

30,000 Gallons -- 3/4" Meter

Total	230.43	237.34	244.46	251.80
Dollar Inc	7.30	6.91	7.12	7.33
Percent Inc	3.3%	3.0%	3.0%	3.0%