

TABLE III-16

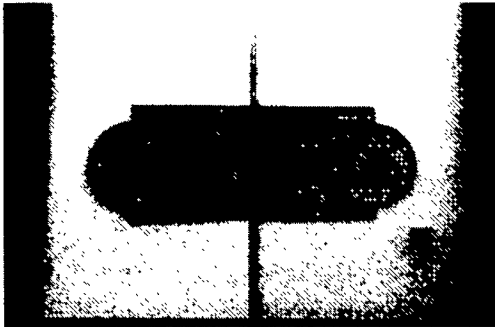
CITY OF CELINA		
TEST YEAR WASTEWATER COST ALLOCATION		
SCENARIO:		
2018 11 14 Scenario 1 -- Status Quo		
Function	2018 Revenue Requirement	Percent
Residential	\$ 2,911,907	92.3%
Residential Outside	765	0.0%
Commercial	240,096	7.6%
Commercial Outside	612	0.0%
Total	3,153,381	100.0%

TABLE III-17

CITY OF CELINA					
FORECAST WASTEWATER COST ALLOCATION					
SCENARIO:					
2018 11 14 Scenario 1 -- Status Quo					
Year	Residential	Residential Outside	Commercial	Commercial Outside	Total
2018	\$ 2,911,907	\$ 765	\$ 240,096	\$ 612	\$ 3,153,381
2019	4,029,748	866	333,388	692	4,364,694
2020	4,255,761	761	351,996	608	4,609,127
2021	5,753,072	926	476,887	739	6,231,624
2022	6,074,276	888	503,362	709	6,579,235
2023	7,793,257	1,047	647,167	835	8,442,305
2024	8,091,874	1,008	671,798	804	8,765,484
2025	9,870,280	1,152	820,949	918	10,693,300
2026	10,195,884	1,127	847,829	898	11,045,739
2027	11,366,129	1,190	945,760	948	12,314,027

SECTION IV

Water and Wastewater Rate Design



Rate design involves determining charges for each class of customers that will generate a desired level of revenue in accordance with AWWA and other industry cost of service rate-making principles. The water and wastewater rates developed in this section are designed to recover the test year and forecast revenue requirements while providing funding for the identified capital improvements and existing debt service. In this section the project team is presenting its recommended alternative rate plans for the City.

During the course of this study, the project team evaluated several alternative rate plans for the City. These rate plans included the following:

Rate Design 1 - Convert residential sewer rates to winter averaging. Currently the residential customer is charged 100% of monthly metered water up to a 14,000 gallon cap.

Rate Design 2 - Changing commercial customer's multi-tier inclining block volume rates to a uniform rate per 1,000 gallons.

Rate Design 3 - Change the rate charged to Light Farms area from residential outside to residential inside rate.

Rate Design 4 - Implementing the same the residential monthly charge for $\frac{3}{4}$ " and 1" customers

After several meetings with staff and Council, it was determined that there would be two alternative rate plans to be presented for consideration. These plans are as follows:

Rate Plan Alternative 1 – Status Quo – implementing a series of phased in rate adjustments over the next three fiscal years. Also includes reducing the wastewater winter average by 1,000 gallons each year for the three-year period.

Rate Plan Alternative 2 – WW Inverted Blocks – same as Rate Plan 1 except for implementing an inverted block rate structure for the residential wastewater customer class.

Both rate plans are considered to be revenue neutral, in that each is forecast to recover an equivalent amount of revenue per year. Further, each of the alternative rate plans developed by the project team includes the following objectives:

- Each plan will ensure that water rates will cover the water cost of service and wastewater rates will cover the wastewater cost of service
- Each plan is intended to allow the City to increase its operating reserves from 40 days to 60 days in three years
- Each rate plan presents a forecast of rates for three years. City staff and the project team discussed the adoption of rate plan, with rates to be automatically implemented on January 1st of each year beginning with January 2019 and ending in January 2021
- Given the continued residential and Commercial growth in the City and potential for unexpected events, the project team recommends that the City not commit itself to a rate plan beyond three years. Further, the project team recommends that the City review these rates annually, to incorporate any unanticipated changes to costs, volumes or growth assumptions that may occur during that time.
- The most significant impact on rates will be the cost of UTRWD treated water and wastewater treatment and debt issued to fund the CIP. **Should UTRWD make material changes to its rate forecasts and/or the City changes its forecast of future debt, the City should undertake an immediate review of its rate plan.**

Rate Plan Alternative 1 – Status Quo

Table IV-1 presents a summary of the first alternative water and wastewater rate plan proposed for Residential and Commercial customers. **Table IV-2** presents the impact on monthly charges of both the water and wastewater rate adjustments for representative Residential and Commercial accounts.

As previously mentioned, this alternative retains the basic rate structure for water and wastewater currently in place for the City. It requires a series of annual percentage rate adjustments in January of each year.

In lieu of changing to a winter averaging method for billing residential sewer accounts (Alternative #1), the staff chose to “ratchet” down the 14,000 gallons monthly cap by 1,000 gallons each of the three-year rate plan. The ultimate goal is to reach 9,000 gallons, but that will require a timeframe that extends beyond the three years of this rate plan. Since the average monthly use by residential customers never exceeded 10,000 gallons over the twelve-month test year used in the rate study, 9,000 gallons is considered an appropriate cap for the City residential customers.

In addition, the staff decided that instead of changing ¾” meter monthly charge to equal 1” meter monthly charge they will grandfather the ¾” meter monthly charge. The City is no longer installing ¾” meters for residential customers. 1” is the smallest meter the City will install.

A full exhibit of the 3-year rate plan is presented in **Appendix A** of this report. Appendix A further forecasts rates for a 10-year period. However, beyond FY 2021 the recommended rates should be considered as trends and general guidelines. Because of the significant volume of and volatility of future growth forecasts, **the project team strongly recommends that the rate plan be reviewed every year to ensure that revenues are consistent with forecasts and are adequate to fund all the costs of providing service.**

TABLE IV-1

CITY OF CELINA		PROPOSED WATER AND WASTEWATER RATE PLAN			
		Scenario: 2018 11 14 Scenario 1 -- Status Quo			
		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"		\$ 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"		\$ 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

TABLE IV-2

CITY OF CELINA		IMPACT OF RATE PLAN ON MONTHLY CHARGES			
		Scenario: 2018 11 14 Scenario 1 -- Status Quo			
		Effective Jan-18	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%

The projected rate revenues developed in this section, are forecast to be sufficient to fund all operating and current scheduled capital obligations through FY 2021 **if all annual adjustments are implemented beginning with January 2019**. Rate revenues should be sufficient to fund the water and wastewater full cost of service including all existing and future debt service over the forecast period. **Chart IV-3** presents the rate model's dashboard charts projecting revenues, net revenues, debt service and debt service coverage¹ under the proposed rate plan. This highlights the importance of the implementation of each annual rate adjustment and future review of growth, operating and capital assumptions and actual financial results.

Table IV-4 presents forecast revenues for the test year and each of the next three years if the three-year rate plan is adopted, as well as a forecast of future revenues for a ten-year period.

¹ Note. The water and wastewater outstanding debt are all CO and GO bonds and, therefore, have no debt service coverage requirements. This chart is presented as one of a several indicators used to demonstrate the utility fund's financial health with implementation of the recommended rate plan.

CHART IV-3

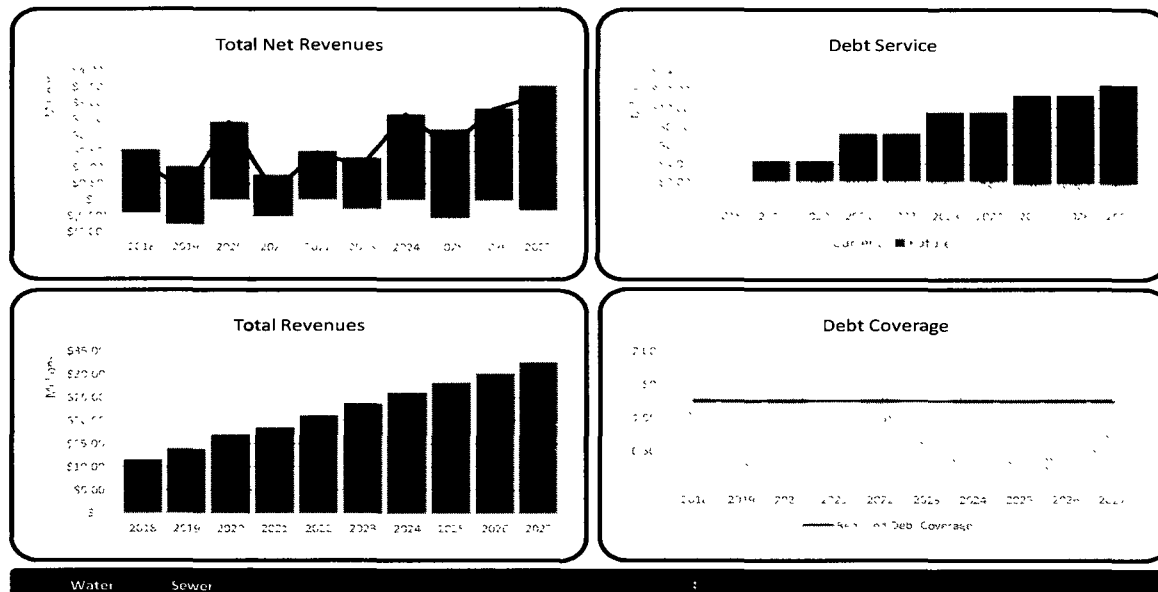


TABLE IV-4

CITY OF CELINA

Forecast Water and Wastewater Revenues

Scenario: 2018 11 14 Scenario 1 -- Status Quo

Fiscal Year	Water Revenues	Wastewater Revenues	Non-Rate Revenues	Total Revenues
2018	\$ 5,872,806	\$ 2,769,065	\$ 2,879,300	\$ 11,521,171
2019	7,395,658	3,612,251	2,879,300	13,887,210
2020	9,150,457	4,729,338	3,087,555	16,967,351
2021	10,478,665	5,731,083	2,334,034	18,543,782
2022	11,879,016	6,875,224	2,334,973	21,089,213
2023	13,329,715	8,164,048	2,302,193	23,795,955
2024	14,707,339	9,232,957	2,233,024	26,173,319
2025	16,007,796	10,147,704	2,126,124	28,281,624
2026	17,240,695	11,036,265	1,981,705	30,258,664
2027	18,568,550	12,002,639	2,046,516	32,617,705

Rate Plan Alternative 2 – Wastewater Inverted Block

Table IV-5 presents a summary of the second alternative water and wastewater rate plan proposed for Residential and Commercial customers. **Table IV-6** presents the impact on monthly charges of both the water and wastewater rate adjustments for representative Residential and Commercial accounts.

As previously mentioned, this alternative retains the basic rate structure for water and wastewater currently in place for the City. It requires a series of annual percentage rate adjustments in January of each year. However, while water rates are unchanged from Alternative #1, wastewater rates are converted into an inverted block for residential wastewater customers.

This alternative also includes the ratcheting down of the wastewater usage cap, as well as the grandfathering of ¾" water meters.

A full exhibit of the 3-year rate plan is presented in **Appendix B** of this report. Appendix B further forecasts rates for a 10-year period. However, beyond FY 2021 the recommended rates should be considered as trends and general guidelines. Because of the significant volume of and volatility of future growth forecasts, **the project team strongly recommends that the rate plan be reviewed every year to ensure that revenues are consistent with forecasts and are adequate to fund all the costs of providing service.**



TABLE IV-5

CITY OF CELINA		PROPOSED WATER AND WASTEWATER RATE PLAN			
		Scenario: 2018 11 14 Scenario 2 -- WW Inverted Block			
		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"	\$	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"	\$	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

TABLE IV-6

CITY OF CELINA		IMPACT OF RATE PLAN ON MONTHLY CHARGES			
		Scenario: Effective Jan-18	2018 11 14 Scenario 2 -- WW Inverted Block 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%

The projected rate revenues developed in this section, are forecast to be sufficient to fund all operating and current scheduled capital obligations through FY 2021 **if all annual adjustments are implemented beginning with January 2019**. Rate revenues should be sufficient to fund the water and wastewater full cost of service including all existing and future debt service over the forecast period. **Chart IV-7** presents the rate model's dashboard charts projecting revenues, net revenues, debt service and debt service coverage² under the proposed rate plan. This highlights the importance of the implementation of each annual rate adjustment and future review of growth, operating and capital assumptions and actual financial results.

Table IV-8 presents forecast revenues for the test year and each of the next three years if the three-year rate plan is adopted, as well as a forecast of future revenues for a ten-year period.

² Note. The water and wastewater outstanding debt are all CO and GO bonds and, therefore, have no debt service coverage requirements. This chart is presented as one of a several indicators used to demonstrate the utility fund's financial health with implementation of the recommended rate plan.

CHART IV-7

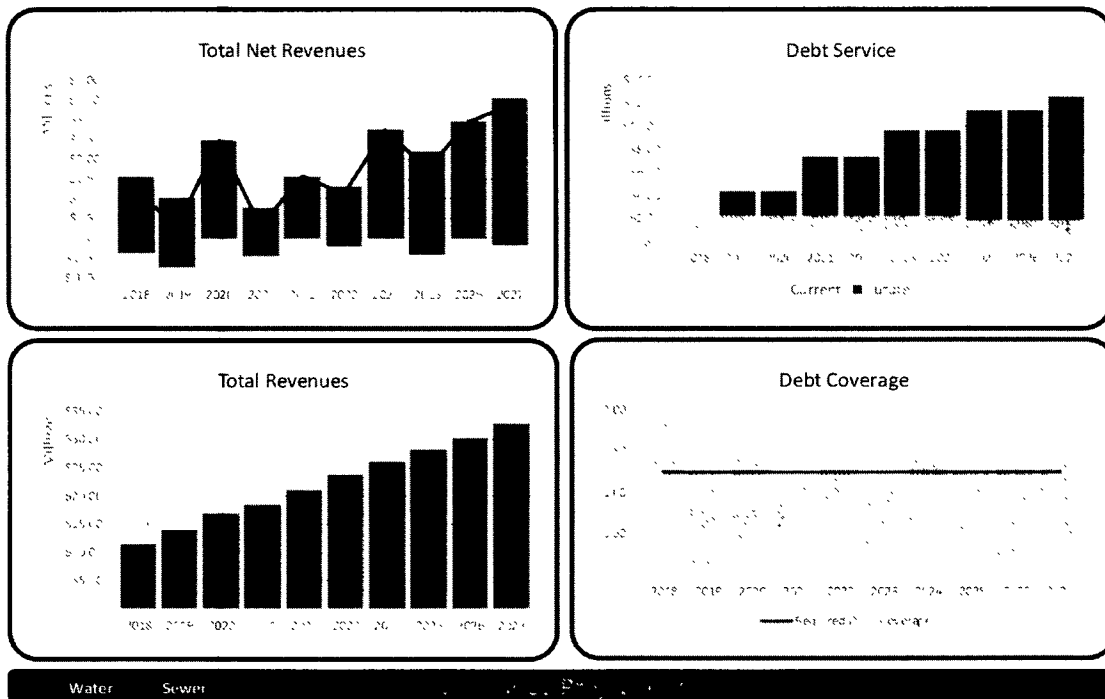


TABLE IV-8

CITY OF CELINA				
Forecast Water and Wastewater Revenues				
Scenario: 2018 11 14 Scenario 2 -- WW Inverted Block				
Fiscal Year	Water Revenues	Wastewater Revenues	Non-Rate Revenues	Total Revenues
2018	\$ 5,872,806	\$ 2,769,065	\$ 2,879,300	\$ 11,521,171
2019	7,395,658	3,638,207	2,879,300	13,913,166
2020	9,150,457	4,778,911	3,087,555	17,016,923
2021	10,478,665	5,791,157	2,334,034	18,603,856
2022	11,879,016	6,947,292	2,334,973	21,161,280
2023	13,329,715	8,249,625	2,302,193	23,881,533
2024	14,707,339	9,329,739	2,233,024	26,270,102
2025	16,007,796	10,254,075	2,126,124	28,387,996
2026	17,240,695	11,151,951	1,981,705	30,374,351
2027	18,568,550	12,128,456	2,046,516	32,743,522

Notes on Rate Recommendations

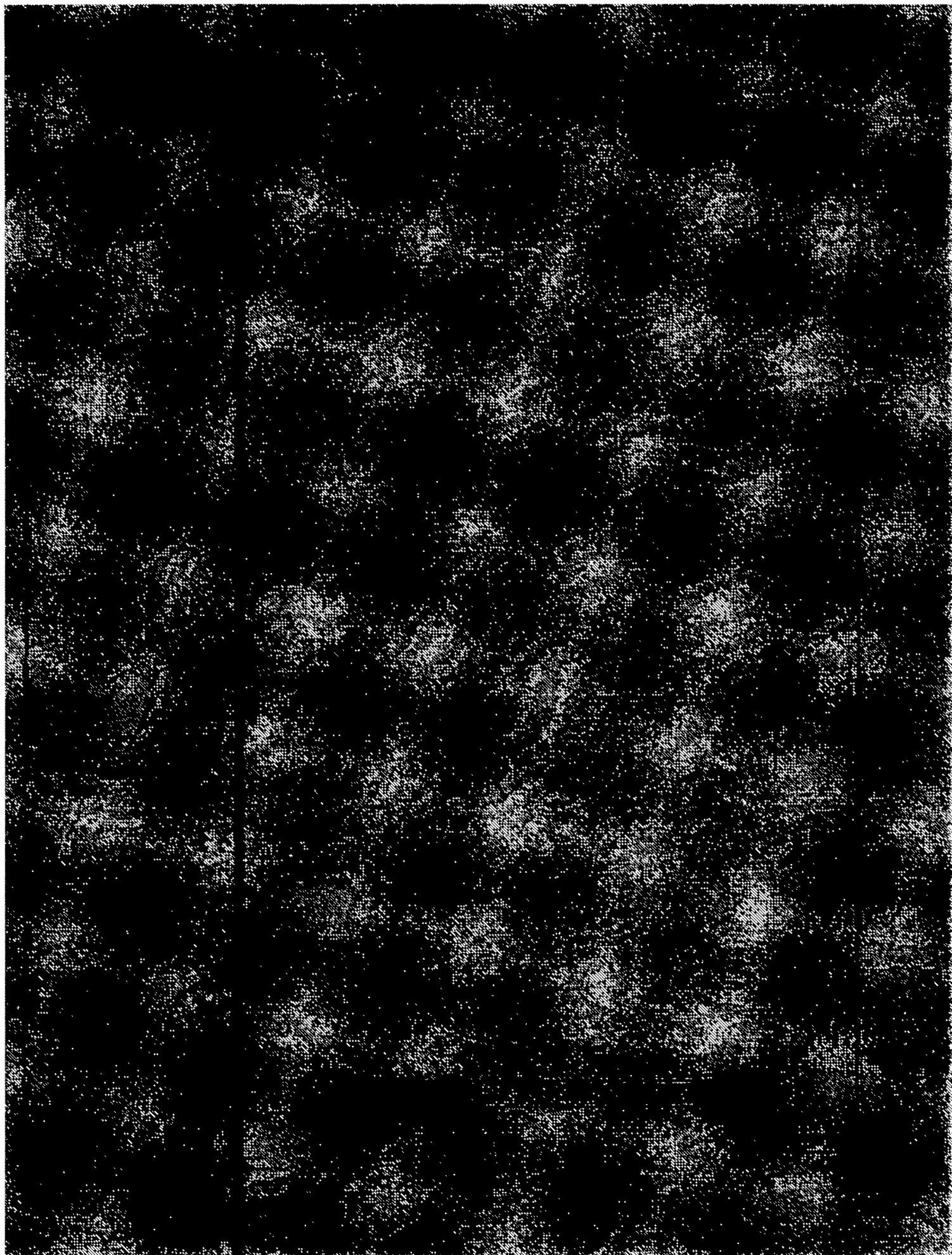
The forecast and recommendations presented in this study represent a combination of the best information available from the City of Celina and the project team's expertise. However, this forecast relies in part on assumptions about future events and events beyond the control of the project team (such as account growth rates within the City). The forecast and recommendations contained in this study may be subject to revision if any of the following events occurs:

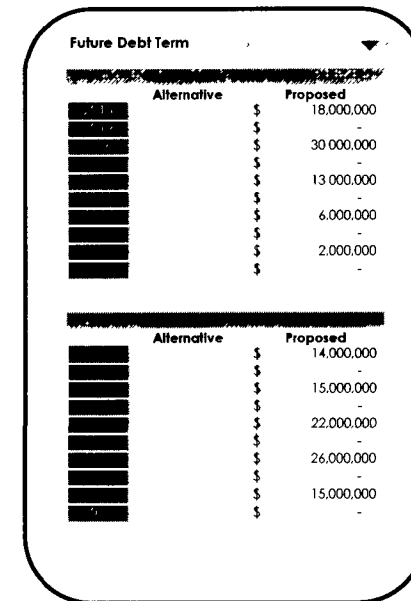
- Actual growth in accounts and consumed volumes is less than (or significantly greater than) forecast.
- Capital improvement plan funding costs increase significantly due to the rising cost of materials or other factors.
- An unforeseen event impacts the City, such as an extended recession, natural catastrophe or terrorist attack.
- Significant and long-lasting changes in weather patterns.
- Increases, decreases or changes in interest rates, coverage requirements, or reserve requirements for long-term debt.
- The City of Celina budget levels or priorities change significantly from those forecast in this study.

It should be noted that none of these events are foreseen by the project team or the City at this time.

If any of these events occur, the City may be compelled to consider further adjustments to its water and wastewater rates.





[illegible]

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: 2019 03 05 Scenario 1 -- Status Quo

1 ~~Water/Wastewater Cost of Service Model~~~~Water/Wastewater Cost of Service Model~~~~Water/Wastewater Cost of Service Model~~**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

~~Water/Wastewater Cost of Service Model~~**Monthly Minimum Charge**

3/4"	\$	34 72	\$	35 77	\$	36 84	\$	37 95
1"		58 40		60 15		61 95		63 81
1 1/2"		116 81		120 31		123 92		127 64
2"		186 89		192 50		198 27		204 21

Volume Rate/1,000 Gal

2,001	10,000	\$	7 59	\$	7 82	\$	8 05	\$	8 29
10,001	20,000		11 49		11 84		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				
	Budget	Effective Jan-19	Effective Jan-20	Effective Jan-21

City Rate Plan -- Three Year Summary
Scen: 2019 03 05 Scenario 1 -- Status Quo

Water 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 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		11.84		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: 2019 03 05 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	8 76	9 55	10 41	11 34
	Maximum Gallons	14 000	13 000	12 000	11 000

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

City Rate Plan -- Three Year Summary
Scen: 2019 03 05 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	8 76	9 55	10 41	11 34
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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: 2019 03 05 Scenario 1 -- Status Quo

3 Residential Metering Charges - WATER**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-18	Effective Jan-20	Effective Jan-21	

City Rate Plan -- Three Year Summary**Scen: 2019 03 05 Scenario 1 -- Status Quo****3****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	216.71	223.16	229.85
Dollar Inc	5.84	6.37	6.45	6.70
Percent Inc	2.9%	3.0%	3.0%	3.0%

4**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: 2019 03 05 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"		516 45		562 93		613 59		668 82
Dollar Inc			7 88		46 48		50 66		55 22
Percent Inc			1 5%		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: 2019 03 05 Scenario 1 -- Status Quo**5 **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%

6 **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%

7 **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%

8 **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%

9 **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%

10 **60,000 Gallons Water, 60,000 Gallons WW -- 1 1/2" Meter**

Total	1,211.67	1,279.01	1,351.15	1,428.50
Dollar Inc	32.88	67.34	72.15	77.35
Percent Inc	2.8%	5.6%	5.6%	5.7%

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: 2019 03 05 Scenario 1 -- Status Quo**

1

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 95	\$	39 08	\$	40 26	\$	41 06	\$	41 88	\$	42 72	\$	43 57
1"		58 40		58 40		60 15		61 95		63 81		65 72		67 70		69 05		70 43		71 84		73 28
1 1/2"		116 81		116 81		120 31		123 92		127 64		131 47		135 41		138 12		140 88		143 70		146 57
2"		186 89		186 89		192 50		198 27		204 21		210 34		216 65		220 98		225 40		229 91		234 51
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 84	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: 2019 03 05 Scenario 1 -- Status Quo

Monthly Minimum Charge

	Current	Effective Jan-19	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-19	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 84	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	Effective Jan-28

City Rate Plan -- 10 Year Summary

Scen: 2019 03 05 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	8 76	9 55	10 41	11 34	12 37	13 48	13 88	14 30	14 73	15 17
-	-	-	-	-	-	-	-	-	-	-	-	-

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 Jul-22	Effective Jan-23	Effective Jan-24	Effective Jan-25	Effective Jan-26

City Rate Plan -- 10 Year Summary**Scen: 2019 03 05 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	8 76	9 55	10 41	11 34	12 37	13 48	13 88	14 30	14 73	15 17
-	-	-	-	-	-	-	-	-	-	-	-	-

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: 2019 03 05 Scenario 1 -- Status Quo

3 WASTEWATER PRICING CHANGES -- 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**

**City Rate Plan -- 10 Year Summary
Scen: 2019 03 05 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	3.12	3.22	2.21	2.26	2.30	2.35
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	204.50	210.34	216.71	223.16	229.85	236.75	243.85	248.72	253.70	258.77	263.95
Dollar Inc		5.84	6.37	6.45	6.70	6.89	7.10	4.88	4.97	5.07	5.18
Percent Inc		2.9%	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	7.20	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 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	16.44	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%

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: 2019 03 05 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: 2019 03 05 Scenario 1 -- Status Quo****1 Water and Wastewater Rates****Monthly Minimum Charge--3/4"**

	2018	2019	2020	2021	2022	2023	2024				
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

Volume	2018	2019	2020	2021	2022	2023	2024
2,001 10,000	\$ 4.96	\$ 5.06	\$ 5.21	\$ 5.37	\$ 5.53	\$ 5.70	\$ 5.87
10,001 20,000	7.44	7.66	7.89	8.13	8.37	8.62	8.88
20,001 30,000	8.68	9.02	9.29	9.57	9.86	10.15	10.46
30,001 Above	12.40	13.02	13.41	13.81	14.23	14.65	15.09

Monthly Charge

	2018	2019	2020	2021	2022	2023	2024
Monthly Charge	\$ 20.60	\$ 21.50	\$ 23.44	\$ 25.54	\$ 27.84	\$ 30.35	\$ 33.08
Volume Rate/1,000 Gal (2,001 to 14,000)	5.73	5.84	6.37	6.94	7.56	8.24	8.99

2 Residential Standard Monthly Bill

Volume	2018	2019	2020	2021	2022	2023	2024
5,000 W Total	\$ 74.92	\$ 77.35	\$ 82.01	\$ 87.02	\$ 92.42	\$ 98.22	\$ 104.47
5,000 WW Increase -- \$		2.43	4.66	5.01	5.39	5.80	6.25
5,000 WW Increase -- %		3.2%	6.0%	6.1%	6.2%	6.3%	6.4%
10,000 W Total	128.37	131.85	139.90	148.56	157.88	167.91	178.73
10,000 WW Increase -- \$		3.48	8.05	8.66	9.32	10.04	10.82
10,000 WW Increase -- %		2.7%	6.1%	6.2%	6.3%	6.4%	6.4%
20,000 W Total	225.69	231.81	244.26	257.58	271.83	287.10	303.47
14,000 WW Increase -- \$		6.12	12.45	13.32	14.26	15.27	16.37
14,000 WW Increase -- %		2.7%	5.4%	5.5%	5.5%	5.6%	5.7%
30,000 W Total	312.49	322.01	337.17	353.27	370.40	388.62	408.04
14,000 WW Increase -- \$		9.52	15.16	16.10	17.13	18.23	19.42
14,000 WW Increase -- %		3.0%	4.7%	4.8%	4.8%	4.9%	5.0%

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Current 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028

Model Summary**Scenario: 2019 03 05 Scenario 1 -- Status Quo**

Fund Balance, Revenues and Expenses																					
Beginning Fund Balance		\$	-	\$	1,169,730	\$	1,484,899	\$	3,962,369	\$	4,286,453	\$	5,850,681	\$	6,964,532	\$	9,694,433	\$	11,414,289	\$	14,313,320
<u>Revenues and Expenses</u>																					
Water Rate Revenues		\$	5,872,806	\$	7,395,658	\$	9,150,457	\$	10,478,665	\$	11,879,016	\$	13,329,715	\$	14,707,339	\$	16,007,796	\$	17,240,695	\$	18,568,550
WW Rate Revenues			2,769,065		3,612,251		4,729,338		5,731,083		6,875,224		8,164,048		9,232,957		10,147,704		11,036,265		12,002,639
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			11,521,171		13,887,210		16,967,351		18,543,782		21,089,213		23,795,955		26,173,319		28,281,624		30,258,664		32,617,705
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			4,217,458		5,500,679		7,683,057		8,511,499		9,770,803		11,644,228		13,286,630		14,088,795		15,291,322		16,823,771
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			1,169,730		316,169		2,477,470		324,084		1,664,228		1,113,861		2,726,901		1,718,968		2,069,832		3,200,116
Percent of COS			11 3%		2 3%		17 1%		1 8%		8 0%		4 9%		11 6%		6 5%		10 6%		11 2%
Debt Coverage			1 90		1 27		1 77		1 16		1 34		1 21		1 38		1 23		1 34		1 34
Ending Water & Sewer Combined Fund Balance			1,169,730		1,484,899		3,962,369		4,286,453		5,850,681		6,964,532		9,694,433		11,414,289		14,313,320		17,611,436
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		41		102		87		111		114		153		159		193		222
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			(482,606)		(696,850)		1,629,742		1,340,705		2,690,366		3,285,238		5,889,992		7,097,242		9,865,118		12,841,049

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Current 2018 2019 2020 2021 2022 2023 2024

Model Summary**Scenario: 2019 03 05 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											
	Current	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Revenue and Expense Summary											
Scen: 2019 03 05 Scenario 1 -- Status Quo											
1 TOTAL Revenue and Expenses -- CASH BASIS											
Beginning Fund Balance	\$	-	\$ 1,169,730	\$ 1,484,899	\$ 3,962,369	\$ 4,286,453	\$ 5,850,681	\$ 6,964,532	\$ 9,694,433	\$ 11,414,289	\$ 14,313,320
Rate Revenues											
<u>Water Rate Revenue</u>											
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	1,700,501	2,103,959	2,409,334	2,731,301	3,064,842	3,381,593	3,680,601	3,964,076	4,269,384
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	548,227	678,306	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
Total		5,872,806	7,395,658	9,150,457	10,478,665	11,879,016	13,329,715	14,707,339	16,007,796	17,240,695	18,568,550
<u>Wastewater Rate Revenue</u>											
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		834	893	973	1,061	1,157	1,261	1,322	1,362	1,403	1,445
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		780	828	903	984	1,073	1,169	1,226	1,263	1,301	1,340
Total		2,769,065	3,612,251	4,729,338	5,731,083	6,875,224	8,164,048	9,232,957	10,147,704	11,036,265	12,002,639
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		11,521,171	13,887,210	16,967,351	18,543,782	21,089,213	23,795,955	26,173,319	28,281,624	30,258,664	32,617,705
Cost of Service											
<u>Cost Center Code</u>											
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: 2019 03 05 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	2,434,041
2 Contractual	226,200	232,986	239,976	247,175	254,590	262,228	270,095	278,197	286,543	295,140
3 Materials & Supplies	729,400	753,282	778,040	803,714	830,345	857,977	886,655	916,428	947,349	979,471
4 Operations	380,500	399,038	415,460	431,584	452,463	470,089	488,381	511,839	531,723	552,531
5 Utilities	319,849	335,059	351,007	367,728	385,260	403,643	422,918	443,130	464,325	486,551
6 Administration	130,275	136,395	142,850	149,660	156,849	164,440	172,459	180,933	189,890	199,363
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	2,054,363	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	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
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	15,793,934
Net Revenues for Transfers,Capital Outlays and Debt Service	4,217,458	5,500,679	7,683,057	8,511,499	9,770,803	11,644,228	13,286,630	14,088,795	15,291,322	16,823,771
Capital Outlays	299,734	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	1,914,860
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	10,623,446
Total Debt Service	2,220,995	4,342,965	4,346,758	7,311,814	7,313,698	9,619,706	9,627,729	11,421,062	11,424,969	12,538,306
Net Revenues for Contingencies & Transfers	1,696,730	857,979	3,036,564	899,951	2,157,371	1,724,788	3,359,167	2,367,999	3,566,619	3,985,731
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
Percent of COS	10.2%	2.3%	14.6%	1.7%	7.4%	4.7%	10.4%	6.1%	9.6%	10.1%
Ending Fund Balance	1,169,730	1,484,899	3,962,369	4,286,453	5,850,681	6,964,532	9,694,433	11,414,289	14,313,320	17,611,436
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	29,019,855
Expenses Per Day	27,539	36,362	38,877	49,096	52,672	61,322	63,407	71,951	74,137	79,506
Days of Operating Expenses	42	41	102	87	111	114	153	159	193	222
Debt Coverage	1.90	1.27	1.77	1.16	1.34	1.21	1.38	1.23	1.34	1.34
(excludes Debt, Cap Outlays, G/F Transfers)	1.66	1.14	1.64	1.09	1.25	1.15	1.31	1.16	1.28	1.29

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: 2019 03 05 Scenario 1 -- Status Quo											
2	*****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	1,700,501	2,103,959	2,409,334	2,731,301	3,064,842	3,381,593	3,680,601	3,964,076	4,269,384
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	548,227	678,306	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
		5,872,806	7,395,658	9,150,457	10,478,665	11,879,016	13,329,715	14,707,339	16,007,796	17,240,695	18,568,550
	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	9,070,741	10,943,588	11,844,667	13,245,549	14,677,667	16,016,083	17,255,945	18,406,980	19,771,573
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										
	Current	2018	2019	2020	2021	2022	2023	2024	2025	2026
Revenue and Expense Summary										
Scen: 2019 03 05 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 Tnnity 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 Tnnity 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	4,126,817	5,429,812	5,885,640	6,342,151	7,333,917	8,221,481	8,445,157	9,103,782	9,945,444
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	1,437,810	2,738,562	1,217,367	1,672,764	1,808,769	2,691,589	2,707,487	3,363,802	4,078,459
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%	11.8%	21.5%	7.0%	9.6%	9.5%	14.1%	13.1%	15.8%	18.3%
Debt Coverage	2.60	1.65	2.16	1.31	1.41	1.37	1.54	1.52	1.64	1.75

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: 2019 03 05 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	834	893	973	1,061	1,157	1,261	1,322	1,362	1,403	1,445
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	780	828	903	984	1,073	1,169	1,226	1,263	1,301	1,340
		2,769,065	3,612,251	4,729,338	5,731,083	6,875,224	8,164,048	9,232,957	10,147,704	11,036,265	12,002,639
	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	3,973,283	4,816,469	6,023,762	6,699,115	7,843,664	9,118,288	10,157,236	11,025,679	11,851,684	12,846,132

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: 2019 03 05 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	808,901	1,373,862	2,253,245	2,625,859	3,428,652	4,310,311	5,065,148	5,643,639	6,187,540	6,878,327	
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	(216,730)	(579,830)	298,002	(317,416)	484,607	(83,981)	667,578	(339,488)	202,817	(92,728)	
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%	-3.1%	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)											

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

Revenue Summary**Scenario: 2019 03 05 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	1,700,501	2,103,959	2,409,334	2,731,301	3,064,842	3,381,593	3,680,601	3,964,076	4,269,384
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	548,227	678,306	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
	Total Rate Revenue	5,872,806	7,395,658	9,150,457	10,478,665	11,879,016	13,329,715	14,707,339	16,007,796	17,240,695	18,568,550
	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	9,070,741	10,943,588	11,844,667	13,245,549	14,677,667	16,016,083	17,255,945	18,406,980	19,771,573

W1	Residential	692,640	800,220	605,689	638,583	661,543	628,213	593,025	562,217	605,518
W2	Residential Outside	345,321	403,458	305,375	321,967	333,541	316,751	299,008	283,475	305,308
W3	Commercial	370,139	421,041	318,687	335,994	348,075	330,539	312,024	295,814	318,597
W4	Commercial Outside	114,752	130,080	98,457	103,806	107,539	102,121	96,401	91,393	98,432
	Total Rate Revenue	1,522,853	1,754,799	1,328,208	1,400,350	1,450,699	1,377,624	1,300,458	1,232,899	1,327,855
	Non-Rate Revenue	-	118,048	(427,130)	532	(18,581)	(39,208)	(60,595)	(81,863)	36,738
	Total Revenue	1,522,853	1,872,847	901,078	1,400,883	1,432,118	1,338,416	1,239,862	1,151,035	1,364,593

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

Revenue Summary**Scenario: 2019 03 05 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	834	893	973	1,061	1,157	1,261	1,322	1,362	1,403	1,445
WW3 Commercial	231,918	301,798	395,147	478,864	574,482	682,192	771,528	847,981	922,245	1,003,013
WW4 Commercial Outside	780	828	903	984	1,073	1,169	1,226	1,263	1,301	1,340
Total Rate Revenue	2,769,065	3,612,251	4,729,338	5,731,083	6,875,224	8,164,048	9,232,957	10,147,704	11,036,265	12,002,639
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	3,973,283	4,816,469	6,023,762	6,699,115	7,843,664	9,118,288	10,157,236	11,025,679	11,851,684	12,846,132

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	59	80	88	95	104	62	40	41	42
WW3 Commercial	69,870	93,359	83,717	95,618	107,710	89,335	76,453	74,264	80,768
WW4 Commercial Outside	49	75	81	89	97	57	37	38	39
Total Rate Revenue	843,186	1,117,087	1,001,745	1,144,141	1,288,823	1,068,909	914,747	888,561	966,374
Non-Rate Revenue	-	90,207	(326,392)	407	(14,199)	(29,961)	(46,304)	(62,556)	28,073
Total Revenue	843,186	1,207,294	675,353	1,144,548	1,274,625	1,038,948	868,443	826,005	994,448

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL

Water Summary

Scen: 2019 03 05 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: 2019 03 05 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: 2019 03 05 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	1,700,501	2,103,959	2,409,334	2,731,301	3,064,842	3,381,593	3,680,601	3,964,076	4,269,384
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	548,227	678,306	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
		5,872,806	7,395,658	9,150,457	10,478,665	11,879,016	13,329,715	14,707,339	16,007,796	17,240,695	18,568,550
	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	9,070,741	10,943,588	11,844,667	13,245,549	14,677,667	16,016,083	17,255,945	18,406,980	19,771,573

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 Trnity 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 Trnity 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: 2019 03 05 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 Se		3,408,557	4,126,817	5,429,812	5,885,640	6,342,151	7,333,917	8,221,481	8,445,157	9,103,782	9,945,444
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	1,437,810	2,738,562	1,217,367	1,672,764	1,808,769	2,691,589	2,707,487	3,363,802	4,078,459
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%	11.8%	21.5%	7.0%	9.6%	9.5%	14.1%	13.1%	15.8%	18.3%
Debt Coverage		2.60	1.65	2.16	1.31	1.41	1.37	1.54	1.52	1.64	1.75
(excludes Capital Outlays, G/F Transfers)											

Wastewater Summary
Scen: 2019 03 05 Scenario 1 -- Status Quo

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CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Wastewater Summary**Scen: 2019 03 05 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	10,366	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%

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	834	893	973	1,061	1,157	1,261	1,322	1,362	1,403	1,445
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	780	828	903	984	1,073	1,169	1,226	1,263	1,301	1,340
	Sub-Total	2,769,065	3,612,251	4,729,338	5,731,083	6,875,224	8,164,048	9,232,957	10,147,704	11,036,265	12,002,639
	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	3,973,283	4,816,469	6,023,762	6,699,115	7,843,664	9,118,288	10,157,236	11,025,679	11,851,684	12,846,132

Wastewater Cost of Service**Cost Center Code**

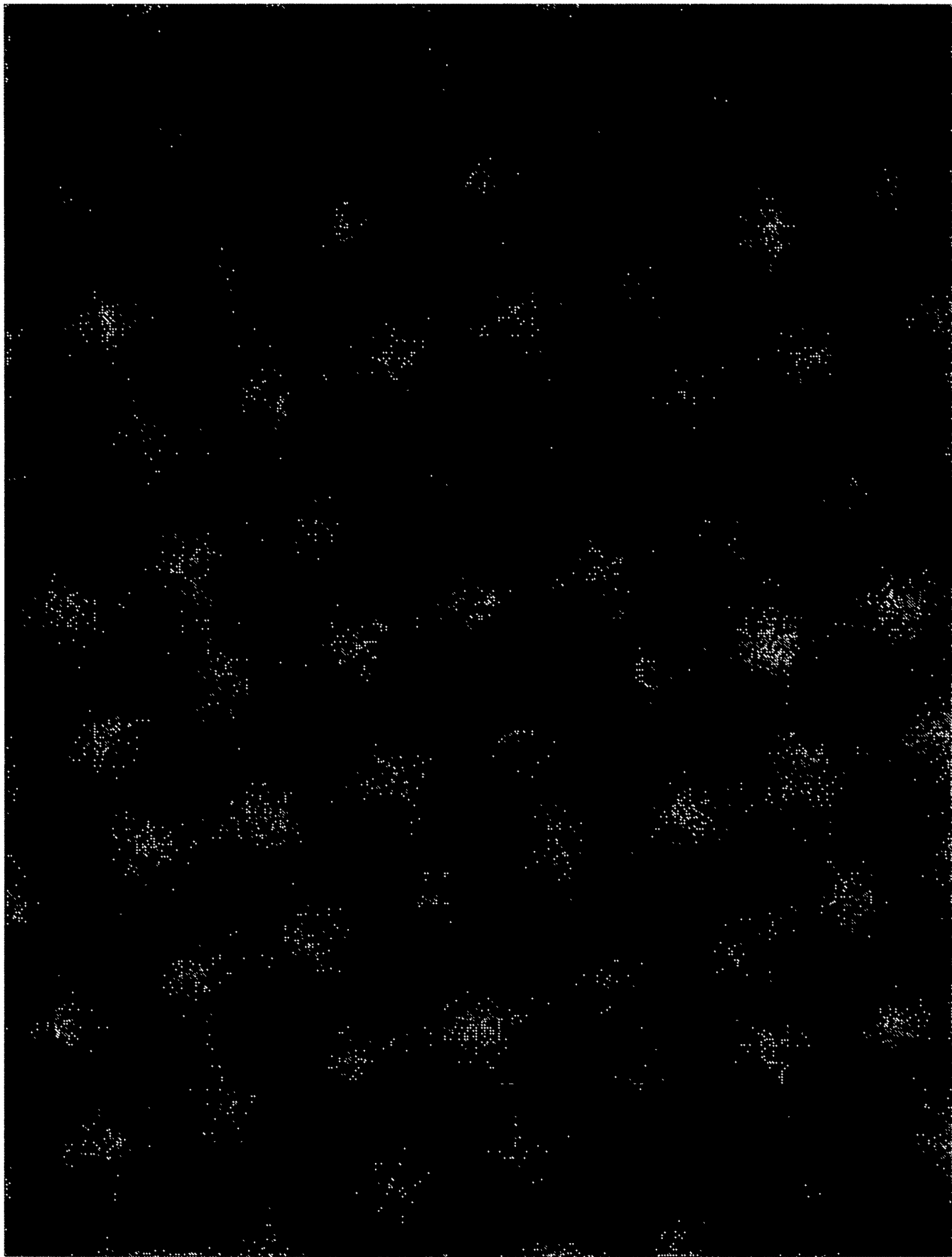
24	Utility Billing	106,985	111,110	132,769	137,940	161,916	168,298	174,981	181,982	189,319	197,012
21	Water Operations	-	-	-	-	-	-	-	-	-	-
22	Sewer Operations	1,048,360	1,101,408	1,154,983	1,261,771	1,378,894	1,558,028	1,624,966	1,698,729	1,770,428	1,845,887
UTRWD-W	Upper Tnnity Regional Water District- Water	-	-	-	-	-	-	-	-	-	-
UTRWD-S	Upper Tnnity 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

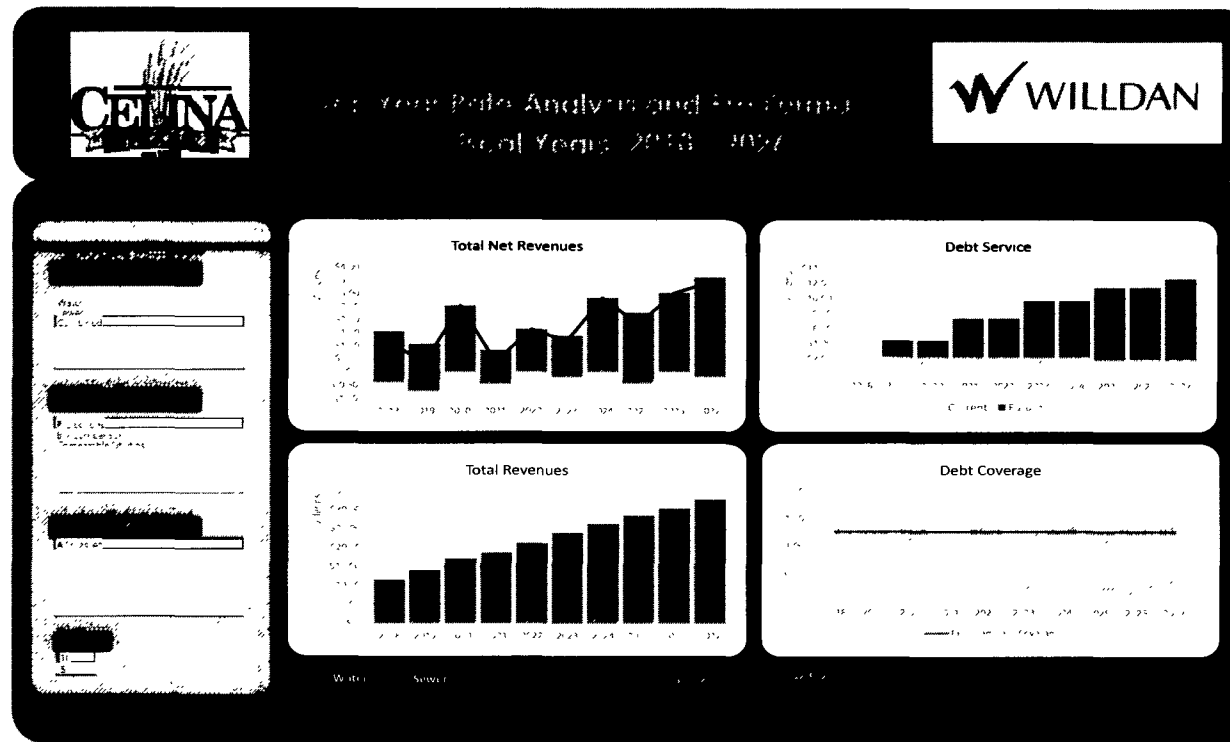
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CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Wastewater Summary**Scen: 2019 03 05 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 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 Servi		808,901	1,373,862	2,253,245	2,625,859	3,428,652	4,310,311	5,065,148	5,643,639	6,187,540	6,878,327
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		(216,730)	(579,830)	298,002	(317,416)	484,607	(83,981)	667,578	(339,488)	202,817	(92,728)
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%	-3.1%	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
Alternative 1	\$ 18,000,000
Alternative 2	\$ -
Alternative 3	\$ 30,000,000
Alternative 4	\$ -
Alternative 5	\$ 13,000,000
Alternative 6	\$ -
Alternative 7	\$ 6,000,000
Alternative 8	\$ -
Alternative 9	\$ 2,000,000
Alternative 10	\$ -

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

		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water Rate Adjustments											
Meter Charge		6.00%	4.00%	3.00%	2.00%	3.00%	2.00%	3.00%	2.00%	3.00%	2.00%
Volume Charge		0.00%	3.00%	4.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
		42	42	104	90	115	118	159	166	201	231
Sewer Rate Adjustments											
Base Charge											
Volume Charge	Residential										
	Non-Residential										

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

City Rate Plan -- Three Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block**

1

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

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

Monthly Minimum Charge

3/4"	\$	35 77	\$	36 84	\$	37 95
1"		60 15		61 95		63 81
1 1/2"		120 31		123 92		127 64
2"		192 50		198 27		204 21

Volume Rate/1,000 Gal

2,001	10,000	\$	7 82	\$	8 05	\$	8 29
10,001	20,000		11 84		12 19		12 56
20,001	30,000		13 94		14 35		14 78
30,001	Above		20 12		20 72		21 34

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

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

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

2,001	10,000	\$	7 82	\$	8 05	\$	8 29
10,001	20,000		11 84		12 19		12 56
20,001	30,000		13 94		14 35		14 78
30,001	Above		20 12		20 72		21 34

CITY OF CELINA			
WATER/WASTEWATER COST OF SERVICE MODEL			
Effective	Effective	Effective	Effective
2019	2020	2021	2022

City Rate Plan -- Three Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block**

2

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

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

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

2,001	5,000	8.76	9.55	10.41
5,001	Maximum	10.85	11.82	12.89
	Maximum Gallons	13,000	12,000	11,000

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

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

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

2,001	Above	9.55	10.41	11.34
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CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL			
--	--	--	--

City Rate Plan -- Three Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block**

3

5,000 Gallons -- 3/4" Meter

Total	\$	39 48	\$	40 66	\$	41 88
Dollar Inc		1 15		1 18		1 22
Percent Inc		3 0%		3 0%		3 0%

10,000 Gallons -- 3/4" Meter

Total		65 54		67 51		69 53
Dollar Inc		1 91		1 97		2 03
Percent Inc		3 0%		3 0%		3 0%

20,000 Gallons -- 3/4" Meter

Total		144 44		148 77		153 23
Dollar Inc		4 21		4 33		4 46
Percent Inc		3 0%		3 0%		3 0%

30,000 Gallons -- 3/4" Meter

Total		237 34		244 46		251 80
Dollar Inc		6 91		7 12		7 33
Percent Inc		3 0%		3 0%		3 0%

3

5,000 3/4" Meter

Total	\$	59 22	\$	61 00	\$	62 83
Dollar Inc		1 73		1 78		1 83
Percent Inc		3 0%		3 0%		3 0%

10,000 3/4" Meter

Total		98 31		101 26		104 30
Dollar Inc		2 87		2 95		3 04
Percent Inc		3 0%		3 0%		3 0%

20,000 3/4" Meter

Total		216 71		223 16		229 85
Dollar Inc		6 37		6 45		6 70
Percent Inc		3 0%		3 0%		3 0%

4

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

Total		313 76		323 17		332 87
Dollar Inc		9 14		9 41		9 70
Percent Inc		3 0%		3 0%		3 0%

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

Total		716 08		737 56		759 69
Dollar Inc		20 86		21 48		22 13
Percent Inc		3 0%		3 0%		3 0%

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

City Rate Plan -- Three Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block**

5

5,000 Gallons -- 3/4" Meter

Total	\$	40 96	\$	44 64	\$	48 66
Dollar Inc		1 94		3 69		4 02
Percent Inc		5 0%		9 0%		9 0%

10,000 Gallons -- 3/4" Meter

Total		77 11		84 05		91 61
Dollar Inc		8 89		6 94		7 56
Percent Inc		13 0%		9 0%		9 0%

15,000 Gallons -- 3/4" Meter

Total		106 03		115 58		125 98
Dollar Inc		14 45		9 54		10 40
Percent Inc		15 8%		9 0%		9 0%

20,000 Gallons -- 3/4" Meter

Total		106 03		115 58		125 98
Dollar Inc		14 45		9 54		10 40
Percent Inc		15 8%		9 0%		9 0%

6

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

Total	\$	276 48	\$	301 36	\$	328 48
Dollar Inc		22 83		24 88		27 12
Percent Inc		9 0%		9 0%		9 0%

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

Total		562 93		613 59		668 82
Dollar Inc		46 48		50 66		55 22
Percent Inc		9 0%		9 0%		9 0%

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

City Rate Plan -- Three Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block**

5

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

Total	\$	80.43	\$	85.31	\$	90.54
Dollar Inc		3.08		4.87		5.24
Percent Inc		4.0%		6.1%		6.1%

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

Total		142.65		151.56		161.14
Dollar Inc		10.80		8.91		9.59
Percent Inc		8.2%		6.2%		6.3%

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

Total		250.47		264.35		279.21
Dollar Inc		18.66		13.88		14.87
Percent Inc		8.1%		5.5%		5.6%

30,000 Gallons Water, 14,000 Gallons WW -- 3/4" Meter

Total		343.38		360.04		377.78
Dollar Inc		21.37		16.66		17.74
Percent Inc		6.6%		4.9%		4.9%

6

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

Total	\$	590.24	\$	624.53	\$	661.35
Dollar Inc		31.97		34.30		36.82
Percent Inc		5.7%		5.8%		5.9%

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

Total		1,279.01		1,351.15		1,428.50
Dollar Inc		67.34		72.15		77.35
Percent Inc		5.6%		5.6%		5.7%

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: 2019 03 05 Scenario 2 -- WW Inverted Block**1 **Wastewater Inverted Block****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 95	\$	39 08	\$	40 26	\$	41 06	\$	41 88	\$	42 72	\$	43 57
1"		58 40		58 40		60 15		61 95		63 81		65 72		67 70		69 05		70 43		71 84		73 28
1 1/2"		116 81		116 81		120 31		123 92		127 64		131 47		135 41		138 12		140 88		143 70		146 57
2"		186 89		186 89		192 50		198 27		204 21		210 34		216 65		220 98		225 40		229 91		234 51
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 84	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: 2019 03 05 Scenario 2 -- WW Inverted Block****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 84	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: 2019 03 05 Scenario 2 -- WW Inverted Block**

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	5,000	5 73	5 84	5 84	6 37	6 94	7 56	8 24	8 49	8 75	9 01	9 28
5,001	14,000	5 73	5 84	7 23	7 88	8 59	9 36	10 21	10 51	10 83	11 15	11 49

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	5,000	8 60	8 76	8 76	9 55	10 41	11 34	12 37	12 74	13 12	13 51	13 92
5,001	14,000	8 60	8 76	10 85	11 82	12 89	14 05	15 31	15 77	16 24	16 73	17 23

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

City Rate Plan -- 10 Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block****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	8 76	9 55	10 41	11 34	12 37	13 48	13 88	14 30	14 73	15 17
-	-	-	-	-	-	-	-	-	-	-	-	-

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: 2019 03 05 Scenario 2 -- WW Inverted Block****3 WASTEWATER CHARGE -- 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

City Rate Plan -- 10 Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block**

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	3.12	3.22	2.21	2.26	2.30	2.35
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	204.50	210.34	216.71	223.16	229.85	236.75	243.85	248.72	253.70	258.77	263.95
Dollar Inc		5.84	6.37	6.45	6.70	6.89	7.10	4.88	4.97	5.07	5.18
Percent Inc		2.9%	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	7.20	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 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	16.44	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%

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: 2019 03 05 Scenario 2 -- WW Inverted Block**

5

5,000 Gallons -- 3/4" Meter

Total	\$ 37.79	\$ 39.02	\$ 40.96	\$ 44.64	\$ 48.66	\$ 53.04	\$ 57.81	\$ 59.55	\$ 61.33	\$ 63.17	\$ 65.07
Dollar Inc	1.23	1.94	3.69	4.02	4.38	4.77	1.73	1.79	1.84	1.90	
Percent Inc	3.3%	5.0%	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	77.11	84.05	91.61	99.86	108.85	112.11	115.48	118.94	122.51
Dollar Inc	1.78	8.89	6.94	7.56	8.25	8.99	3.27	3.36	3.46	3.57	
Percent Inc	2.7%	13.0%	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	106.03	115.58	125.98	137.32	149.68	154.17	158.79	163.55	168.46
Dollar Inc	2.22	14.45	9.54	10.40	11.34	12.36	4.49	4.62	4.76	4.91	
Percent Inc	2.5%	15.8%	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	106.03	115.58	125.98	137.32	149.68	154.17	158.79	163.55	168.46
Dollar Inc	2.22	14.45	9.54	10.40	11.34	12.36	4.49	4.62	4.76	4.91	
Percent Inc	2.5%	15.8%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	

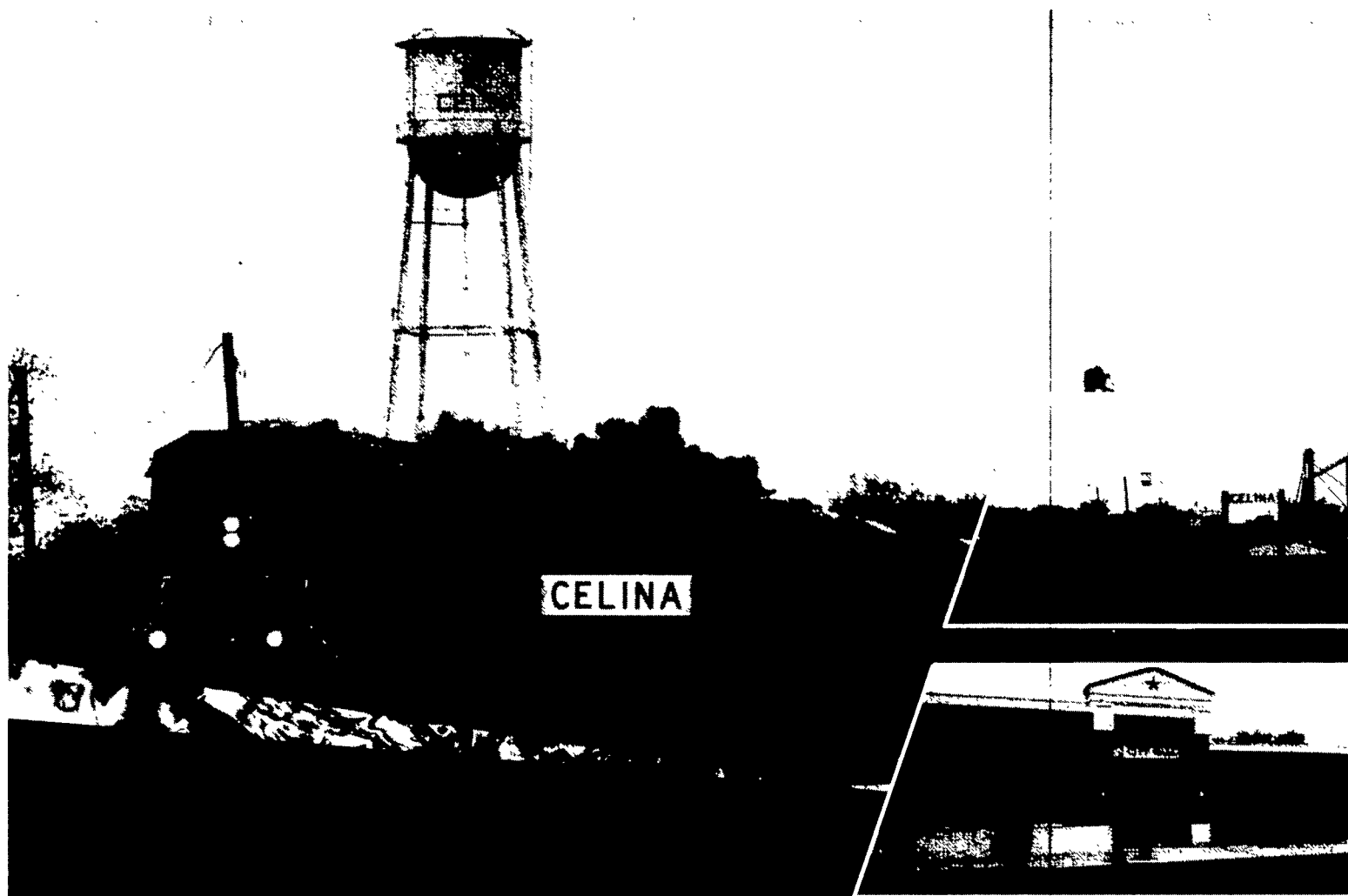
6

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

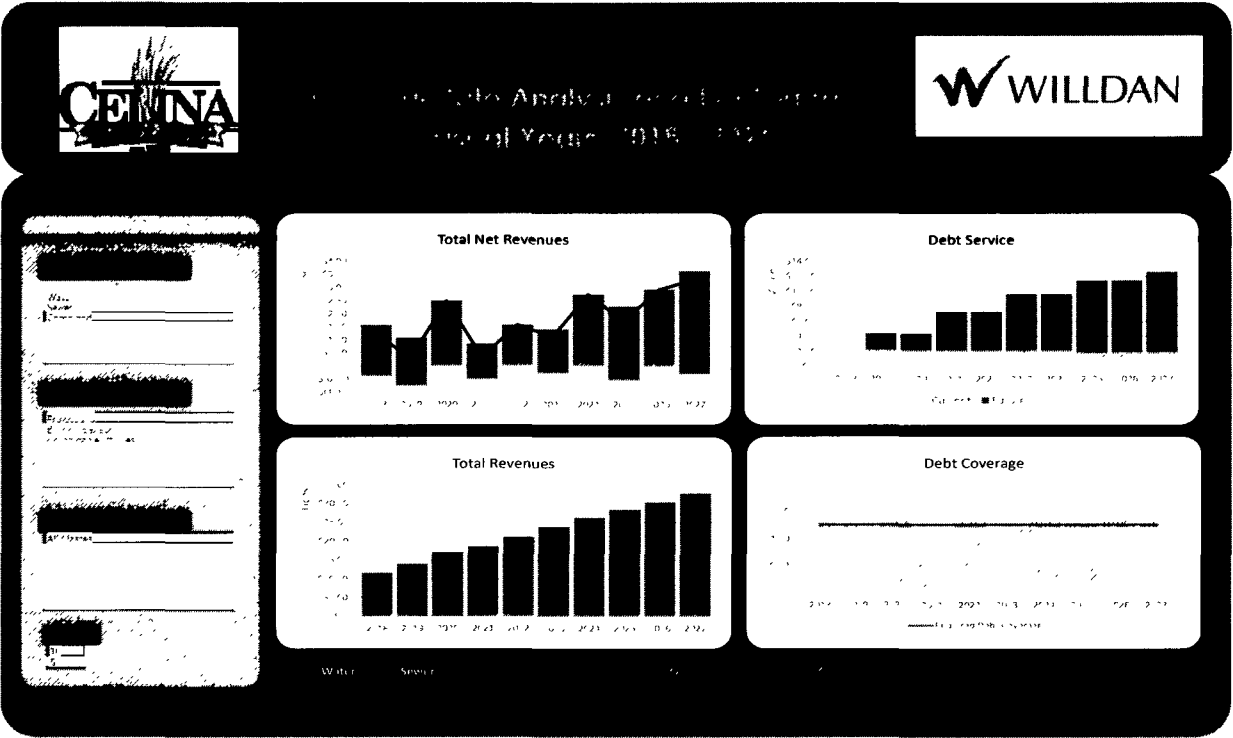
Total	1 1/2" \$ 250.57	\$ 253.65	\$ 276.48	\$ 301.36	\$ 328.48	\$ 358.05	\$ 390.27	\$ 401.98	\$ 414.04	\$ 426.46	\$ 439.25
Dollar Inc	3.08	22.83	24.88	27.12	29.56	32.22	11.71	12.06	12.42	12.79	
Percent Inc	1.2%	9.0%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%	

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%	



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972 378 6588 | Fax 972 378 6988
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Future Debt Term

Alternative	Proposed
2018	\$ 18,000,000
2019	\$ -
2020	\$ 30,000,000
2021	\$ -
2022	\$ 13,000,000
2023	\$ -
2024	\$ 6,000,000
2025	\$ -
2026	\$ 2,000,000
2027	\$ -
2028	\$ -

Alternative	Proposed
2018	\$ 14,000,000
2019	\$ -
2020	\$ 15,000,000
2021	\$ -
2022	\$ 22,000,000
2023	\$ -
2024	\$ 26,000,000
2025	\$ -
2026	\$ 15,000,000
2027	\$ -
2028	\$ -

		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Water Rate Adjustments												
Meter Charge		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Volume Charge		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		42	41	102	87	111	114	153	159	193	222	
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: 2019 03 05 Scenario 1 -- Status Quo**1 **Water/Wastewater Charge Schedule****Water/Wastewater Charge Schedule****Water/Wastewater Charge Schedule****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

Water/Wastewater Charge Schedule**Monthly Minimum Charge**

3/4"	\$	34 72	\$	35 77	\$	36 84	\$	37 95
1"		58 40		60 15		61 95		63 81
1 1/2"		116 81		120 31		123 92		127 64
2"		186 89		192 50		198 27		204 21

Volume Rate/1,000 Gal

2,001	10,000	\$	7 59	\$	7 82	\$	8 05	\$	8 29
10,001	20,000		11 49		11 84		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: 2019 03 05 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 84		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: 2019 03 05 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	8 76	9 55	10 41	11 34
	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: 2019 03 05 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	8 76	9 55	10 41	11 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: 2019 03 05 Scenario 1 -- Status Quo**

3

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: 2019 03 05 Scenario 1 -- Status Quo

3 Residential Water Metering**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	216.71	223.16	229.85
Dollar Inc	5.84	6.37	6.45	6.70
Percent Inc	2.9%	3.0%	3.0%	3.0%

4 Commercial Water Metering**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 Jul-19	Effective Jul-20	Effective Jul-21

City Rate Plan -- Three Year Summary**Scen: 2019 03 05 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"		516.45		562.93		613.59		668.82
Dollar Inc			7.88		46.48		50.66		55.22
Percent Inc			1.5%		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: 2019 03 05 Scenario 1 -- Status Quo****5 ~~Common Rate Change - Water and Wastewater~~****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 ~~Common Rate Change - Water and Wastewater~~**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		1,211 67		1,279 01		1,351 15		1,428 50
Dollar Inc		32 88		67 34		72 15		77 35
Percent Inc		2 8%		5 6%		5 6%		5 7%

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

City Rate Plan -- 10 Year Summary
Scen: 2019 03 05 Scenario 1 -- Status Quo

		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	Effective Jan-28
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 95	\$ 39 08	\$ 40 26	\$ 41 06	\$ 41 88	\$ 42 72	\$ 43 57
1"		58 40	58 40	60 15	61 95	63 81	65 72	67 70	69 05	70 43	71 84	73 28
1 1/2"		116 81	116 81	120 31	123 92	127 64	131 47	135 41	138 12	140 88	143 70	146 57
2"		186 89	186 89	192 50	198 27	204 21	210 34	216 65	220 98	225 40	229 91	234 51
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 84	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

	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: 2019 03 05 Scenario 1 -- Status Quo

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
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"	\$	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 84	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: 2019 03 05 Scenario 1 -- Status Quo

2

Monthly Minimum Charge

	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	Effective Jan-28	Effective Jan-29
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

	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	Effective Jan-28	Effective Jan-29
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

	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	Effective Jan-28	Effective Jan-29
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

	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	Effective Jan-28	Effective Jan-29
2,001	14,000	8 60	8 76	9 55	10 41	11 34	12 37	13 48	13 88	14 30	14 73	15 17
-	-	-	-	-	-	-	-	-	-	-	-	-

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: 2019 03 05 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	8 76	9 55	10 41	11 34	12 37	13 48	13 88	14 30	14 73	15 17
-	-	-	-	-	-	-	-	-	-	-	-	-

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	Effective Jan-28

City Rate Plan -- 10 Year Summary**Scen: 2019 03 05 Scenario 1 -- Status Quo**

3

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	1.29	0.89	0.91	0.92	0.94
Percent Inc	3.2%	3.0%	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	2.15	1.48	1.50	1.53	1.57
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	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	4.73	3.25	3.32	3.38	3.45
Percent Inc	2.9%	3.0%	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	7.78	5.34	5.45	5.56	5.67
Percent Inc	3.3%	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
--

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: 2019 03 05 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	3.12	3.22	2.21	2.26	2.30	2.35	
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	204.50	210.34	216.71	223.16	229.85	236.75	243.85	248.72	253.70	258.77	263.95
Dollar Inc	5.84	6.37	6.45	6.70	6.89	7.10	4.88	4.97	5.07	5.18	
Percent Inc	2.9%	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	7.20	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 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	16.44	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%	

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

City Rate Plan -- 10 Year Summary
Scen: 2019 03 05 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	\$	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	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

Current 2018 2019 2020 2021 2022 2023 2024

Model Summary**Scenario: 2019 03 05 Scenario 1 -- Status Quo****1 Water and Wastewater Rates****Water 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	

Wastewater Rates

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 Standard 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

Model Summary**Scenario: 2019 03 05 Scenario 1 -- Status Quo****3 Fund Revenues, Revenues and Expenses**

Beginning Fund Balance	\$	-	\$	1,169,730	\$	1,484,899	\$	3,962,369	\$	4,286,453	\$	5,850,681	\$	6,964,532	\$	9,694,433	\$	11,414,289	\$	14,313,320
Revenues and Expenses																				
Water Rate Revenues	\$	5,872,806	\$	7,395,658	\$	9,150,457	\$	10,478,665	\$	11,879,016	\$	13,329,715	\$	14,707,339	\$	16,007,796	\$	17,240,695	\$	18,568,550
WW Rate Revenues		2,769,065		3,612,251		4,729,338		5,731,083		6,875,224		8,164,048		9,232,957		10,147,704		11,036,265		12,002,639
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		11,521,171		13,887,210		16,967,351		18,543,782		21,089,213		23,795,955		26,173,319		28,281,624		30,258,664		32,617,705
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		4,217,458		5,500,679		7,683,057		8,511,499		9,770,803		11,644,228		13,286,630		14,088,795		15,291,322		16,823,771
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		1,169,730		318,166		2,477,470		324,864		1,463,325		1,118,281		2,726,301		1,718,396		2,664,364		3,266,596
Percent of COS		11 3%		2 3%		17 1%		1 8%		8 0%		4 9%		11 6%		6 5%		10 6%		11 2%
Debt Coverage		1 90		1 27		1 77		1 16		1 34		1 21		1 38		1 23		1 34		1 34
Ending Water & Sewer Combined Fund Balance		1,169,730		1,484,899		3,962,369		4,286,453		5,850,681		6,964,532		9,694,433		11,414,289		14,313,320		17,611,436
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		41		102		87		111		114		153		159		193		222
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		(482,606)		(696,850)		1,629,742		1,340,705		2,690,366		3,285,238		5,889,992		7,097,242		9,865,118		12,841,049

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Current 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027

Model Summary**Scenario: 2019 03 05 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

QUARTER

2018

2019

2020

2021

2022

2023

2024

2025

2026

2027

2028

Revenue and Expense Summary**Scen: 2019 03 05 Scenario 1 -- Status Quo****1 TOTAL Revenues and Expenses -- CASH BASIS**

Beginning Fund Balance \$ - \$ 1,169,730 \$ 1,484,899 \$ 3,962,369 \$ 4,286,453 \$ 5,850,681 \$ 6,964,532 \$ 9,694,433 \$ 11,414,289 \$ 14,313,320

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	1,700,501	2,103,959	2,409,334	2,731,301	3,064,842	3,381,593	3,680,601	3,964,076	4,269,384
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	548,227	678,306	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
	Total	5,872,806	7,395,658	9,150,457	10,478,665	11,879,016	13,329,715	14,707,339	16,007,796	17,240,695	18,568,550

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	834	893	973	1,061	1,157	1,261	1,322	1,362	1,403	1,445
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	780	828	903	984	1,073	1,169	1,226	1,263	1,301	1,340
	Total	2,769,065	3,612,251	4,729,338	5,731,083	6,875,224	8,164,048	9,232,957	10,147,704	11,036,265	12,002,639

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	11,521,171	13,887,210	16,967,351	18,543,782	21,089,213	23,795,955	26,173,319	28,281,624	30,258,664	32,617,705

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 Trnity 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 Trnity 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: 2019 03 05 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		4,217,458	5,500,679	7,683,057	8,511,499	9,770,803	11,644,228	13,286,630	14,088,795	15,291,322
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		1,696,730	857,979	3,036,564	899,951	2,157,371	1,724,788	3,359,167	2,367,999	3,566,619
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
Ending Fund Balance		1,169,730	1,484,899	3,962,369	4,286,453	5,850,681	6,964,532	9,694,433	11,414,289	14,313,320
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	74,137
Days of Operating Expenses		42	41	102	87	111	114	153	159	193
Debt Coverage		1 90	1 27	1 77	1 16	1 34	1 21	1 38	1 23	1 34
(excludes Debt, Cap Outlays, G/F Transfers)		1 66	1 14	1 64	1 09	1 25	1 15	1 31	1 18	1 28

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

Revenue and Expense Summary

Scen: 2019 03 05 Scenario 1 -- Status Quo

2 ~~Worksheet: 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	1,700,501	2,103,959	2,409,334	2,731,301	3,064,842	3,381,593	3,680,601	3,964,076	4,269,384
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	548,227	678,306	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
		5,872,806	7,395,658	9,150,457	10,478,665	11,879,016	13,329,715	14,707,339	16,007,796	17,240,695	18,568,550
	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	9,070,741	10,943,588	11,844,667	13,245,549	14,677,667	16,016,083	17,255,945	18,406,980	19,771,573

Water Cost of ServiceCost 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											
	Current	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Revenue and Expense Summary											
Scen: 2019 03 05 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	4,126,817	5,429,812	5,885,640	6,342,151	7,333,917	8,221,481	8,445,157	9,103,782	9,945,444	
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	1,437,810	2,738,562	1,217,367	1,672,764	1,808,769	2,691,589	2,707,487	3,363,802	4,078,459	
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%	11.8%	21.5%	7.0%	9.6%	9.5%	14.1%	13.1%	15.8%	18.3%	
Debt Coverage	2.60	1.65	2.16	1.31	1.41	1.37	1.54	1.52	1.64	1.75	

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: 2019 03 05 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	834	893	973	1,061	1,157	1,261	1,322	1,362	1,403	1,445
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	780	828	903	984	1,073	1,169	1,226	1,263	1,301	1,340
		<u>2,769,065</u>	<u>3,612,251</u>	<u>4,729,338</u>	<u>5,731,083</u>	<u>6,875,224</u>	<u>8,164,048</u>	<u>9,232,957</u>	<u>10,147,704</u>	<u>11,036,265</u>	<u>12,002,639</u>
	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	3,973,283	4,816,469	6,023,762	6,699,115	7,843,664	9,118,288	10,157,236	11,025,679	11,851,684	12,846,132

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	<u>2,009,037</u>	<u>2,230,089</u>	<u>2,482,766</u>	<u>2,673,545</u>	<u>2,874,202</u>	<u>3,081,651</u>	<u>3,292,141</u>	<u>3,501,329</u>	<u>3,704,396</u>	<u>3,924,906</u>
	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: 2019 03 05 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		808,901	1,373,862	2,253,245	2,625,859	3,428,652	4,310,311	5,065,148	5,643,639	6,187,540	6,878,327
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		(216,730)	(579,830)	298,002	(317,416)	484,607	(83,981)	667,578	(339,488)	202,817	(92,728)
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%	-3.1%	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)											

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

Revenue Summary**Scenario: 2019 03 05 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	1,700,501	2,103,959	2,409,334	2,731,301	3,064,842	3,381,593	3,680,601	3,964,076	4,269,384
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	548,227	678,306	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
	Total Rate Revenue	5,872,806	7,395,658	9,150,457	10,478,665	11,879,016	13,329,715	14,707,339	16,007,796	17,240,695	18,568,550
	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	9,070,741	10,943,588	11,844,667	13,245,549	14,677,667	16,016,083	17,255,945	18,406,980	19,771,573

W1	Residential	692,640	800,220	605,689	638,583	661,543	628,213	593,025	562,217	605,518
W2	Residential Outside	345,321	403,458	305,375	321,967	333,541	316,751	299,008	283,475	305,308
W3	Commercial	370,139	421,041	318,687	335,994	348,075	330,539	312,024	295,814	318,597
W4	Commercial Outside	114,752	130,080	98,457	103,806	107,539	102,121	96,401	91,393	98,432
	Total Rate Revenue	1,522,853	1,754,799	1,328,208	1,400,350	1,450,699	1,377,624	1,300,458	1,232,899	1,327,855
	Non-Rate Revenue	-	118,048	(427,130)	532	(18,581)	(39,208)	(60,595)	(81,863)	36,738
	Total Revenue	1,522,853	1,872,847	901,078	1,400,883	1,432,118	1,338,416	1,239,862	1,151,035	1,364,593

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

Revenue Summary**Scenario: 2019 03 05 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	834	893	973	1,061	1,157	1,261	1,322	1,362	1,403	1,445
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	780	828	903	984	1,073	1,169	1,226	1,263	1,301	1,340
Total Rate Revenue	2,769,065	3,612,251	4,729,338	5,731,083	6,875,224	8,164,048	9,232,957	10,147,704	11,036,265	12,002,639
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	3,973,283	4,816,469	6,023,762	6,699,115	7,843,664	9,118,288	10,157,236	11,025,679	11,851,684	12,846,132

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	59	80	88	95	104	62	40	41	42
WW3 Commercial	69,870	93,359	83,717	95,618	107,710	89,335	76,453	74,264	80,768
WW4 Commercial Outside	49	75	81	89	97	57	37	38	39
Total Rate Revenue	843,186	1,117,087	1,001,745	1,144,141	1,288,823	1,068,909	914,747	888,561	966,374
Non-Rate Revenue	-	90,207	(326,392)	407	(14,199)	(29,961)	(46,304)	(62,556)	28,073
Total Revenue	843,186	1,207,294	675,353	1,144,548	1,274,625	1,038,948	868,443	826,005	994,448

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL

Water Summary

Scen: 2019 03 05 Scenario 1 -- Status Quo

1

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

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: 2019 03 05 Scenario 1 -- Status Quo****2.2 ~~Commercial Utility Charge~~**

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~~

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 ~~Water Service Revenue~~

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	47,306,286	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: 2019 03 05 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	1,700,501	2,103,959	2,409,334	2,731,301	3,064,842	3,381,593	3,680,601	3,964,076	4,269,384
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	548,227	678,306	776,763	880,569	988,108	1,090,229	1,186,630	1,278,022	1,376,454
		5,872,806	7,395,658	9,150,457	10,478,665	11,879,016	13,329,715	14,707,339	16,007,796	17,240,695	18,568,550
	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	9,070,741	10,943,588	11,844,667	13,245,549	14,677,667	16,016,083	17,255,945	18,406,980	19,771,573

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: 2019 03 05 Scenario 1 -- Status Quo**

<u>Budget Code</u>											
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 Se		3,408,557	4,126,817	5,429,812	5,885,640	6,342,151	7,333,917	8,221,481	8,445,157	9,103,782	9,945,444
Capital Outlays		181,823	181,823	181,823	181,823	181,823	181,823	181,823	181,823	181,823	181,823
<u>Debt Service</u>											
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		-	<u>1,187,714</u>	<u>1,187,714</u>	<u>3,167,239</u>	<u>3,167,239</u>	<u>4,025,032</u>	<u>4,025,032</u>	<u>4,420,937</u>	<u>4,420,937</u>	<u>4,552,906</u>
Total Debt Service		<u>1,313,274</u>	<u>2,507,185</u>	<u>2,509,427</u>	<u>4,486,450</u>	<u>4,487,564</u>	<u>5,343,325</u>	<u>5,348,069</u>	<u>5,555,847</u>	<u>5,558,157</u>	<u>5,685,162</u>
Net Revenues for Contingencies & Transfers		1,913,460	1,437,810	2,738,562	1,217,367	1,672,764	1,808,769	2,691,589	2,707,487	3,363,802	4,078,459
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%	11.8%	21.5%	7.0%	9.6%	9.5%	14.1%	13.1%	15.8%	18.3%
Debt Coverage		2.60	1.65	2.16	1.31	1.41	1.37	1.54	1.52	1.64	1.75
(excludes Capital Outlays, G/F Transfers)											

CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Wastewater Summary**Scen: 2019 03 05 Scenario 1 -- Status Quo**

1													
Monthly Charge													
	3/4"	\$	20 60	\$	21 50	\$	23 44	\$	25 54	\$	27 84	\$	30 35
	1"		38 63		38 63		42 11		45 90		50 03		54 53
	1 1/2"		72 10		72 10		78 59		85 66		93 37		101 78
	2"		123 60		123 60		134 72		146 85		160 07		174 47
Volume Rate/1,000 Gal (2,001 to 14,000)			5 73		5 84		6 37		6 94		7 56		8 24
2.1													
5,000 Gallons													
Total		\$	37 79	\$	39 02	\$	42 53	\$	46 36	\$	50 53	\$	55 08
Dollar Inc					1 23		3 51		3 83		4 17		4 55
Percent Inc					3 3%		9 0%		9 0%		9 0%		9 0%
10,000 Gallons													
Total			66 44		68 22		74 36		81 05		88 35		96 30
Dollar Inc					1 78		6 14		6 69		7 29		7 95
Percent Inc					2 7%		9 0%		9 0%		9 0%		9 0%
20,000 Gallons													
Total			89 36		91 58		99 82		108 81		118 60		129 27
Dollar Inc					2 22		8 24		8 98		9 79		10 67
Percent Inc					2 5%		9 0%		9 0%		9 0%		9 0%
30,000 Gallons													
Total			89 36		91 58		99 82		108 81		118 60		129 27
Dollar Inc					2 22		8 24		8 98		9 79		10 67
Percent Inc					2 5%		9 0%		9 0%		9 0%		9 0%

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

Wastewater Summary**Scen: 2019 03 05 Scenario 1 -- Status Quo**

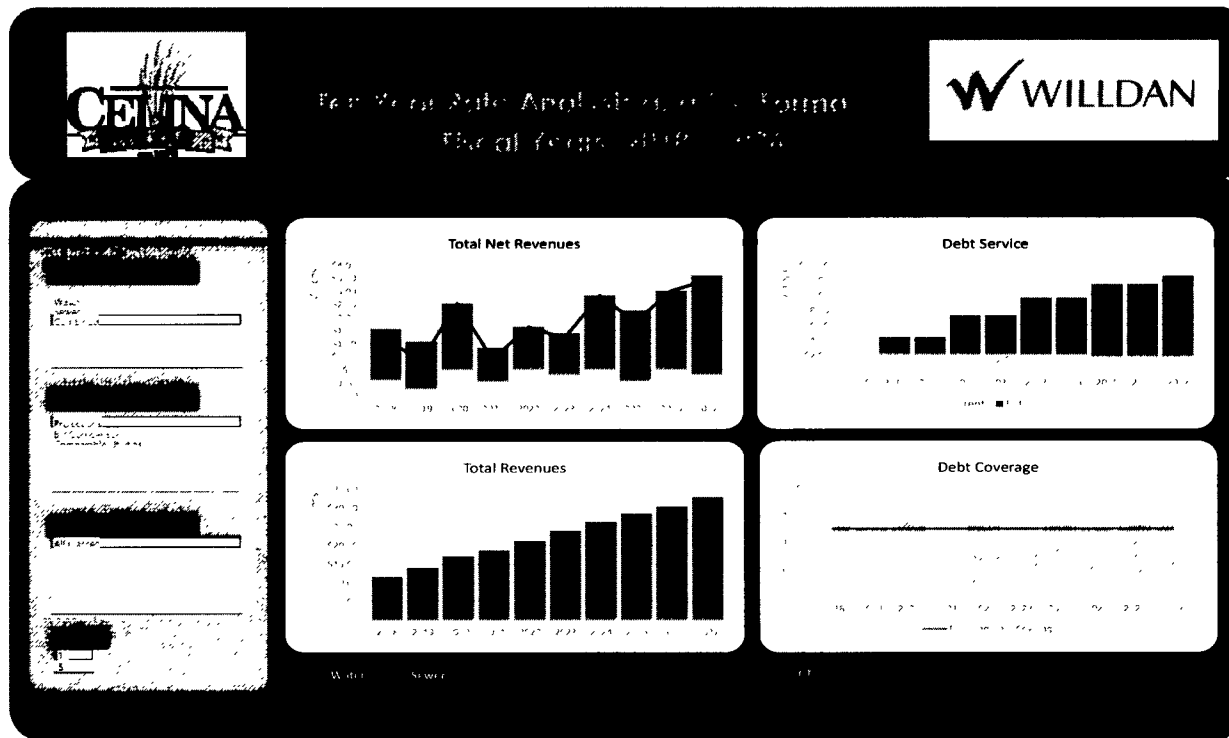
2.2												
30,000 Gallons	Total	250.57	253.65	276.48	301.36	328.48	358.05	390.27	401.98	414.04	426.46	439.25
	Dollar Inc		3.08	22.83	24.88	27.12	29.56	32.22	11.71	12.06	12.42	12.79
	Percent Inc		1.2%	9.0%	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%
60,000 Gallons	Total	422.47	428.85	467.45	509.52	555.37	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	10,366	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%
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												
<u>Wastewater Rate Revenue</u>												
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		834	893	973	1,061	1,157	1,261	1,322	1,362	1,403	1,445
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		780	828	903	984	1,073	1,169	1,226	1,263	1,301	1,340
Sub-Total			2,769,065	3,612,251	4,729,338	5,731,083	6,875,224	8,164,048	9,232,957	10,147,704	11,036,265	12,002,639
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			3,973,283	4,816,469	6,023,762	6,699,115	7,843,664	9,118,288	10,157,236	11,025,679	11,851,684	12,846,132
Wastewater Cost of Service												
<u>Cost Center Code</u>												
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

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CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL

Wastewater Summary**Scen: 2019 03 05 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 Serv		808,901	1,373,862	2,253,245	2,625,859	3,428,652	4,310,311	5,065,148	5,643,639	6,187,540	6,878,327
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		(216,730)	(579,830)	298,002	(317,416)	484,607	(83,981)	667,578	(339,488)	202,817	(92,728)
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%	-3.1%	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	\$ -

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	\$ -

		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Water Rate Adjustments													
Meter Charge		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Volume Charge		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		42	42	104	90	115	118	159	166	201	231		
Sewer Rate Adjustments													
Base Charge		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Volume Charge	Residential	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Non-Residential	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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

City Rate Plan -- Three Year Summary

Scan: 2019 03 05 Scenario 2 -- WW Inverted Block

1

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

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

Monthly Minimum Charge

3/4"	\$	35 77	\$	36 84	\$	37 95
1"		60 15		61 95		63 81
1 1/2"		120 31		123 92		127 64
2"		192 50		198 27		204 21

Volume Rate/1,000 Gal

2,001	10,000	\$	7 82	\$	8 05	\$	8 29
10,001	20,000		11 84		12 19		12 56
20,001	30,000		13 94		14 35		14 78
30,001	Above		20 12		20 72		21 34

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

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

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

2,001	10,000	\$	7 82	\$	8 05	\$	8 29
10,001	20,000		11 84		12 19		12 56
20,001	30,000		13 94		14 35		14 78
30,001	Above		20 12		20 72		21 34

CITY OF CELINA			
WATER/WASTEWATER COST OF SERVICE MODEL			

City Rate Plan -- Three Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block**

2

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

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

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

2,001	5,000	8.76	9.55	10.41
5,001	Maximum	10.85	11.82	12.89
	Maximum Gallons	13,000	12,000	11,000

Monthly Minimum Charge

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

Volume Rate/1,000 Gal

2,001	Above	6.37	6.94	7.56
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Monthly Minimum Charge

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

Volume Rate/1,000 Gal

2,001	Above	9.55	10.41	11.34
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**CITY OF CELINA
WATER/WASTEWATER COST OF SERVICE MODEL**

City Rate Plan -- Three Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block**

3

5,000 Gallons -- 3/4" Meter

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

10,000 Gallons -- 3/4" Meter

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

20,000 Gallons -- 3/4" Meter

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

30,000 Gallons -- 3/4" Meter

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

3

5,000 3/4" Meter

Total	\$	59.22	\$	61.00	\$	62.83
Dollar Inc		1.73		1.78		1.83
Percent Inc		3.0%		3.0%		3.0%

10,000 3/4" Meter

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

20,000 3/4" Meter

Total		216.71		223.16		229.85
Dollar Inc		6.37		6.45		6.70
Percent Inc		3.0%		3.0%		3.0%

4

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

Total		313.76		323.17		332.87
Dollar Inc		9.14		9.41		9.70
Percent Inc		3.0%		3.0%		3.0%

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

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

CITY OF CELINA WATER/WASTEWATER COST OF SERVICE MODEL
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City Rate Plan -- Three Year Summary**Scen: 2019 03 05 Scenario 2 -- WW Inverted Block**

5

5,000 Gallons -- 3/4" Meter

Total	\$	40 96	\$	44 64	48 66
Dollar Inc		1 94		3 69	4 02
Percent Inc		5 0%		9 0%	9 0%

10,000 Gallons -- 3/4" Meter

Total		77 11		84 05	91 61
Dollar Inc		8 89		6 94	7 56
Percent Inc		13 0%		9 0%	9 0%

15,000 Gallons -- 3/4" Meter

Total		106 03		115 58	125 98
Dollar Inc		14 45		9 54	10 40
Percent Inc		15 8%		9 0%	9 0%

20,000 Gallons -- 3/4" Meter

Total		106 03		115 58	125 98
Dollar Inc		14 45		9 54	10 40
Percent Inc		15 8%		9 0%	9 0%

6

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

Total	\$	276 48	\$	301 36	328 48
Dollar Inc		22 83		24 88	27 12
Percent Inc		9 0%		9 0%	9 0%

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

Total		562 93		613 59	668 82
Dollar Inc		46 48		50 66	55 22
Percent Inc		9 0%		9 0%	9 0%