

APPENDIX A: Rate Change Comparisons and Customer Impacts

Water Rate Change Comparisons

Comparison of Monthly Water Base Rate Options for City Customers

Meter Size (inches)	2023 Current Rate	2024 Proposed Rate	Current to Proposed	
			\$	%
3/4	11.54	13.62	2.08	18.02%
1	15.09	17.81	2.72	18.03%
1 1/2	23.97	28.29	4.32	18.02%
2	34.64	40.88	6.24	18.01%
3	63.06	74.42	11.36	18.01%
4	95.02	112.13	17.11	18.01%
6	183.87	216.97	33.10	18.00%
8	290.45	342.74	52.29	18.00%
10	752.37	887.80	135.43	18.00%

Comparison of Monthly Water Base Rate Options for County Customers

Meter Size (inches)	2023 Current Rate	2024 Proposed Rate	Current to Proposed	
			\$	%
3/4	15.58	18.39	2.81	18.04%
1	20.37	24.04	3.67	18.02%
1 1/2	32.36	38.19	5.83	18.02%
2	46.76	55.19	8.43	18.03%
3	85.13	100.47	15.34	18.02%
4	128.28	151.38	23.10	18.01%
6	248.22	292.91	44.69	18.00%
8	392.11	462.70	70.59	18.00%
10	1,015.70	1,198.53	182.83	18.00%

**Comparison of Water Monthly Usage Rate Options
for City Residential Customers**

Flat Rate or Block	2023 Current Rate per ccf	2024 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.71	2.02	0.31	18.00%
Summer Rate Structure (April - October)				
Block 1	1.71	2.02	0.31	18.00%
Block 2	2.33	2.75	0.42	18.00%
Block 3	3.22	3.80	0.58	18.00%
Block 4	3.44	4.06	0.62	18.00%

**Comparison of Water Monthly Usage Rate Options
for County Residential Customers**

Flat Rate or Block	2023 Current Rate per ccf	2024 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	2.31	2.73	0.42	18.00%
Summer Rate Structure (April - October)				
Block 1	2.31	2.73	0.42	18.00%
Block 2	3.15	3.72	0.57	18.00%
Block 3	4.35	5.13	0.78	18.00%
Block 4	4.64	5.48	0.84	18.00%

Rate Structure

Block	Current
Flat Rate	All Usage
Block 1	1 - 10 ccf
Block 2	11 - 30 ccf
Block 3	31 - 60 ccf
Block 4	>61 ccf

**Comparison of Monthly Usage Rate Options
for City CII Customers**

Flat Rate or Block	2023 Current Rate per ccf	2024 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.86	2.20	0.34	18.0%
Summer Rate Structure (April - October)				
Block 1	1.86	2.20	0.34	18.0%
Block 2	2.55	3.01	0.46	18.0%
Block 3	3.54	4.18	0.64	18.0%
Block 4	3.75	4.43	0.68	18.0%

**Comparison of Monthly Usage Rate Options
for County CII Customers**

Flat Rate or Block	2023 Current Rate per ccf	2024 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	2.51	2.96	0.45	18.0%
Summer Rate Structure (April - October)				
Block 1	2.51	2.96	0.45	18.0%
Block 2	3.44	4.06	0.62	18.0%
Block 3	4.78	5.64	0.86	18.0%
Block 4	5.06	5.97	0.91	18.0%

Rate Structure

Block	Current
Flat Rate	All Usage
Block 1	0-AWC
Block 2	AWC-300%
Block 3	300%-600%
Block 4	>600%

*CII= Commercial, Industrial, and Institutional
 *AWC = Average Winter Consumption.
 "AWC-300%" means usage greater than a customer's AWC and less than or equal to 300% of the customer's AWC

**Comparison of Water Monthly Usage Rate Options
for City Irrigation Customers**

Flat Rate or Block	2023 Current Rate per ccf	2024 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	2.23	2.63	0.40	18.00%
Summer Rate Structure (April - October)				
Block 1	2.23	2.63	0.40	18.00%
Block 2	3.11	3.67	0.56	18.01%
Block 3	3.30	3.89	0.59	17.88%

**Comparison of Water Monthly Usage Rate Options
for County Irrigation Customers**

Flat Rate or Block	2023 Current Rate per ccf	2024 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	3.01	3.55	0.54	18.00%
Summer Rate Structure (April - October)				
Block 1	3.01	3.55	0.54	18.00%
Block 2	4.20	4.96	0.76	18.00%
Block 3	4.46	5.26	0.80	18.00%

Rate Structure

Block	Current
Flat Rate	All Usage
Block 1	1 CCF- Target Budget
	Target Budget up to 300% of Target Budget
Block 2	Over 300% of Target Budget

* "Target budget" means the estimated amount of water consumed per acre, as established by the Public Utilities Director or his/her designee each year for customer based on factors including, but not limited to, evapotranspiration, and considering efficient water practices. A different target budget is established for each month of the irrigation season.

Proposed Water Rate Change Customer Impacts

Water Rate Change Annual Impact on Select City Customers

Account Type	Annual Usage	Meter Size	2023	2024	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	72 ccf	3/4	261.60	308.70	47.10	18.00%
Residential Low Use	96 ccf	3/4	302.64	357.11	54.47	18.00%
Residential Medium Use	255 ccf	3/4	693.75	818.65	124.90	18.00%
Residential High Use	838 ccf	1	2,328.06	2,747.04	418.98	18.00%
Industrial Use	96,476 ccf	2	193,879.08	228,768.96	34,889.88	18.00%
Commercial Use	11,597 ccf	2	22,755.59	26,851.30	4,095.71	18.00%

Water Rate Change Monthly Impact on Select City Customers

Account Type	Monthly Usage	Meter Size	2023	2024	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	6 ccf	3/4	21.80	25.73	3.93	18.00%
Residential Low Use	8 ccf	3/4	25.22	29.76	4.54	18.00%
Residential Medium Use	21 ccf	3/4	57.81	68.22	10.41	18.00%
Residential High Use	70 ccf	1	194.01	228.92	34.91	18.00%
Industrial Use	8,040 ccf	2	16,156.59	19,064.08	2,907.49	18.00%
Commercial Use	966 ccf	2	1,896.30	2,237.61	341.31	18.00%

**Water Rate Change
Annual Impact on Select County Customers**

Account Type	Annual Usage	Meter Size	2023	2024	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	72 ccf	3/4	353.16	416.75	63.59	18.00%
Residential Low Use	96 ccf	3/4	408.56	482.10	73.53	18.00%
Residential Medium Use	255 ccf	3/4	936.56	1,105.18	168.62	18.00%
Residential High Use	838 ccf	1	3,142.88	3,708.50	565.62	18.00%
Industrial Use	96,476 ccf	2	261,736.76	308,838.10	47,101.34	18.00%
Commercial Use	11,597 ccf	2	30,720.04	36,249.26	5,529.21	18.00%

**Water Rate Change
Monthly Impact on Select County Customers**

Account Type	Monthly Usage	Meter Size	2023	2024	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	6 ccf	3/4	29.43	34.73	5.30	18.00%
Residential Low Use	8 ccf	3/4	34.05	40.17	6.13	18.00%
Residential Medium Use	21 ccf	3/4	78.05	92.10	14.05	18.00%
Residential High Use	70 ccf	1	261.91	309.04	47.14	18.00%
Industrial Use	8,040 ccf	2	21,811.40	25,736.51	3,925.11	18.00%
Commercial Use	966 ccf	2	2,560.00	3,020.77	460.77	18.00%

Sewer Rate Change Comparisons

Comparison of Monthly Sewer Class Rate Changes

Flow \$ Per CCF

Class	2023 Current Rate	2024 Proposed Rate	Current to Proposed	
			\$	%
1	3.67	4.22	0.55	15.0%
2	3.67	4.22	0.55	15.0%
3	3.67	4.22	0.55	15.0%
4	3.67	4.22	0.55	15.0%
5	3.67	4.22	0.55	15.0%
6	3.67	4.22	0.55	15.0%
7	Special Rate by Customer			

BOD \$ Per CCF

Class	2023 Current Rate	2024 Proposed Rate	Current to Proposed	
			\$	%
1	1.29	1.48	0.19	15.0%
2	2.10	2.42	0.32	15.0%
3	3.46	3.98	0.52	15.0%
4	4.96	5.71	0.75	15.0%
5	6.21	7.14	0.93	15.0%
6	7.66	8.81	1.15	15.0%
7	Special Rate by Customer			

TSS \$ Per CCF

Class	2023 Current Rate	2024 Proposed Rate	Current to Proposed	
			\$	%
1	0.94	1.08	0.14	15.0%
2	1.89	2.17	0.28	15.0%
3	3.22	3.70	0.48	15.0%
4	4.38	5.04	0.66	15.0%
5	5.70	6.56	0.86	15.0%
6	6.90	7.94	1.04	15.0%
7	Special Rate by Customer			

Total Sewer Rate Per CCF

Class	2023 Current Rate	2024 Proposed Rate	Current to Proposed	
			\$	%
1	5.90	6.79	0.89	15.0%
2	7.66	8.81	1.15	15.0%
3	10.35	11.91	1.56	15.0%
4	13.01	14.97	1.96	15.0%
5	15.58	17.92	2.34	15.0%
6	18.23	20.97	2.74	15.0%
7	Special Rate by Customer			

Class Structure

Block	BOD Strength mg/l	TSS Strength mg/l
1	0-300	0-300
2	300-600	300-600
3	600-900	600-900
4	900-1200	900-1200
5	1200-1500	1200-1500
6	1500-1800	1500-1800
7	>1800	>1800

*Current Minimum charge is \$11.80. Proposed minimum charge is \$13.58

Proposed Sewer Rate Change Customer Impacts

Sewer Rate Change Annual Impact on Select City Customers

Account Type	Annualized Average Winter Water Usage (CCF)	2023	2024	\$ Changes	% Change
		Current Rate	Proposed Rate		
Residential Minimum Use	24 ccf	141.60	162.84	21.24	15.00%
Residential Low Use	48 ccf	283.20	325.68	42.48	15.00%
Residential Medium Use	96 ccf	566.40	651.36	84.96	15.00%
Residential High Use	180 ccf	1,062.00	1,221.30	159.30	15.00%
Industrial 2,4	24,168 ccf	376,537.44	432,955.56	56,418.12	14.98%
Commercial 2,1	408 ccf	7,437.84	8,553.76	1,115.92	15.00%

*Industrial & Commercial charges are calculated based on flow rate, BOD and TSS

Sewer Rate Change Monthly Impact on Select City Customers

Account Type	Annualized Average Winter Water Usage (CCF)	2022	2023	\$ Changes	% Change
		Current Rate	Proposed Rate		
Residential Minimum Use	2 ccf	11.80	13.57	1.77	15.00%
Residential Low Use	4 ccf	23.60	27.14	3.54	15.00%
Residential Medium Use	8 ccf	47.20	54.28	7.08	15.00%
Residential High Use	15 ccf	88.50	101.78	13.28	15.00%
Industrial 2, 4	2,014 ccf	31,378.12	36,085.88	4,707.76	15.00%
Commercial 2,1	34 ccf	619.82	712.98	93.16	15.03%

*Industrial & Commercial charges are calculated based on flow rate, BOD and TSS

Stormwater Rate Change Comparisons

Comparison of Monthly Stormwater Rate Changes

Account Type	ERUs	2023	2024	Changes Current to Proposed	
		Current Rate	Proposed Rate	\$	%
Single and Duplex <.25 Acre	All ERU	6.88	7.57	0.69	10.00%
Single and Duplex >.25 Acre	All ERU	9.61	10.57	0.96	10.00%
Triplex and Fourplex	All ERU	13.75	15.13	1.38	10.00%
All other Parcels	Per ERU	6.88	7.57	0.69	10.00%

*1 ERU = 1 residential property or 75 feet of street frontage for non-residential properties

Proposed Stormwater Rate Change Customer Impacts

**Stormwater Rate Change
Annual Impact on Select City Customers**

Account Type	ERUs	2023	2024	Changes Current to Proposed	
		Current Rate	Proposed Rate	\$	%
Residential less than .25 Acre	Any ERU	82.56	90.82	8.26	10.00%
Residential more than .25 Acre	Any ERU	115.32	126.85	11.53	10.00%
Industrial*	300 ERU	2,064.00	2,270.40	206.40	10.00%
Commercial	120 ERU	825.60	908.16	82.56	10.00%

**Stormwater Rate Change
Monthly Impact on Select City Customers**

Account Type	ERUs	2023	2024	Changes Current to Proposed	
		Current Rate	Proposed Rate	\$	%
Residential less than .25 Acre	Any ERU	6.88	7.57	0.69	10.00%
Residential more than .25 Acre	Any ERU	9.61	10.57	0.96	10.00%
Industrial	25 ERU	172.00	189.20	17.20	10.00%
Commercial	10 ERU	68.80	75.68	6.88	10.00%

Streetlighting Rate Change Comparisons

Comparison of Street Lighting Monthly Usage Rate Options for City Lighting Customers				
Flat Rate or Block	2023 Current Rate per ERU	2024 Proposed Rate per ERU	Current to Proposed	
			\$	%
Base	3.73	4.10	0.37	10.00%
Group 1	5.67	6.24	0.57	10.00%
Group 2	15.94	17.53	1.59	10.00%
Group 3	43.82	48.20	4.38	10.00%
Comparison of Street Lighting Annual Usage Rate Options for City Lighting Customers				
Flat Rate or Block	2023 Current Rate per ERU	2024 Proposed Rate per ERU	Current to Proposed	
			\$	%
Base	44.76	49.24	4.48	10.00%
Group 1	68.04	74.84	6.80	10.00%
Group 2	191.28	210.41	19.13	10.00%
Group 3	525.84	578.42	52.58	10.00%
Rate Structure				
Block	Current	Proposed		
Flat Rate	All Usage	All Usage		
Block 1	Per month Residential	Per month Residential		
Block 2	Per month Residential	Per month Residential		
Block 3	Per Month Commerical	Per Month Commerical		
* 1 ERU = 1 residential property or 75 feet of street frontage for non residential property				

SELECT CITY CUSTOMERS
Combined Rate Change
ANNUAL Impact on Select City Residential Customers

				2023	2024		
Account Type	Fund	Annual Usage	Meter Size	Current Rate	Proposed Rate	\$ Change	% Change
Residential Minimum Use	Water	72 ccf	3/4	261.60	308.70	47.10	18.00%
	Sewer Class 1-1	24 ccf	Combined Fee	141.60	162.84	21.24	15.00%
	Storm	Single and Duplex <.25 Acre	Flat Fee	82.56	90.82	8.26	10.00%
	Street Lighting	Base	Flat Fee	44.76	49.24	4.48	10.00%
Total				530.52	611.59	81.07	13.26%
Residential Low Use	Water	96 ccf	3/4	302.64	357.11	54.47	18.00%
	Sewer Class 1-1	48 ccf	Combined Fee	283.20	325.68	42.48	15.00%
	Storm	Single and Duplex <.25 Acre	Flat Fee	82.56	90.82	8.26	10.00%
	Street Lighting	Group 1	Flat Fee	68.04	74.84	6.80	10.00%
Total				736.44	848.45	112.01	13.20%
Residential Medium Use	Water	255 ccf	3/4	693.75	818.65	124.90	18.00%
	Sewer Class 1-1	96 ccf	Combined Fee	566.40	651.36	84.96	15.00%
	Storm	Single and Duplex >.25 Acre	Flat Fee	115.32	126.85	11.53	10.00%
	Street Lighting	Group 1	Flat Fee	68.04	74.84	6.80	10.00%
Total				1,443.51	1,671.71	228.20	13.65%
Residential High Use	Water	838 ccf	1	2,328.06	2,747.04	418.98	18.00%
	Sewer Class 1-1	180 ccf	Combined Fee	1,062.00	1,221.30	159.30	15.00%
	Storm	Single and Duplex >.25 Acre	Flat Fee	115.32	126.85	11.53	10.00%
	Street Lighting	Group 2	Flat Fee	191.28	210.41	19.13	10.00%
Total				3,696.66	4,305.60	608.94	14.14%

* Sewer is based on prior year average winter water consumption

SELECT CITY CUSTOMERS
Combined Rate Change
AVERAGE MONTHLY Impact on Select City Customers

				2023	2024		
Account Type	Fund	Monthly Usage	Meter Size	Current Rate	Proposed Rate	\$ Change	% Change
Residential Minimum Use	Water	6 ccf	3/4	21.80	25.73	3.93	18.00%
	Sewer Class 1-1	2 ccf	Combined Fee	11.80	13.57	1.77	15.00%
	Storm	Single and Duplex <.25 Acre	Flat Fee	6.88	7.57	0.69	10.00%
	Street Lighting	Base	Flat Fee	3.73	4.10	0.37	10.00%
Total				44.21	50.97	6.76	13.26%
Residential Low Use	Water	8 ccf	3/4	25.22	29.76	4.54	18.00%
	Sewer Class 1-1	4 ccf	Combined Fee	23.60	27.14	3.54	15.00%
	Storm	Single and Duplex <.25 Acre	Flat Fee	6.88	7.57	0.69	10.00%
	Street Lighting	Group 1	Flat Fee	5.67	6.24	0.57	10.00%
Total				61.37	70.70	9.33	13.20%
Residential Medium Use	Water	21 ccf	3/4	57.81	68.22	10.41	18.00%
	Sewer Class 1-1	8 ccf	Combined Fee	47.20	54.28	7.08	15.00%
	Storm	Single and Duplex >.25 Acre	Flat Fee	9.61	10.57	0.96	10.00%
	Street Lighting	Group 1	Flat Fee	5.67	6.24	0.57	10.00%
Total				120.29	139.31	19.02	13.65%
Residential High Use	Water	70 ccf	1	194.01	228.92	34.91	18.00%
	Sewer Class 1-1	15 ccf	Combined Fee	88.50	101.78	13.28	15.00%
	Storm	Single and Duplex >.25 Acre	Flat Fee	9.61	10.57	0.96	10.00%
	Street Lighting	Group 2	Flat Fee	15.94	17.53	1.59	10.00%
Total				308.06	358.80	50.74	14.14%

* Sewer is based on prior year average winter water consumption