

Water Rate Change Comparisons

Comparison of Monthly Water Base Rate Options for City Customers

Meter Size (inches)	2021 Current Rate	2022 Proposed Rate	Current to Proposed	
			\$	%
3/4	9.28	10.03	0.75	8.08%
1	12.14	13.12	0.98	8.07%
1 1/2	19.29	20.84	1.55	8.04%
2	27.88	30.12	2.24	8.03%
3	50.76	54.83	4.07	8.02%
4	76.50	82.62	6.12	8.00%
6	148.03	159.88	11.85	8.01%
8	233.85	252.56	18.71	8.00%
10	605.76	654.23	48.47	8.00%

Comparison of Monthly Water Base Rate Options for County Customers

Meter Size (inches)	2021 Current Rate	2022 Proposed Rate	Current to Proposed	
			\$	%
3/4	12.53	13.54	1.01	8.06%
1	16.39	17.71	1.32	8.05%
1 1/2	26.04	28.13	2.09	8.03%
2	37.64	40.66	3.02	8.02%
3	68.53	74.02	5.49	8.01%
4	103.28	111.54	8.26	8.00%
6	199.84	215.84	16.00	8.01%
8	315.70	340.96	25.26	8.00%
10	817.78	883.21	65.43	8.00%

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

Flat Rate or Block	2021	2022	Current to Proposed	
	Current Rate per ccf	Proposed Rate per ccf	\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.37	1.48	0.11	8.03%
Summer Rate Structure (April - October)				
Block 1	1.37	1.48	0.12	8.42%
Block 2	1.87	2.02	0.15	8.02%
Block 3	2.59	2.80	0.21	8.11%
Block 4	2.76	2.99	0.23	8.33%

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

Flat Rate or Block	2021	2021	Current to Proposed	
	Current Rate per ccf	Proposed Rate per ccf	\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.84	2.00	0.16	8.70%
Summer Rate Structure (April - October)				
Block 1	1.84	2.00	0.16	8.70%
Block 2	2.52	2.73	0.21	8.33%
Block 3	3.50	3.78	0.28	8.00%
Block 4	3.73	4.04	0.31	8.31%

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	2021 Current Rate per ccf	2022 Proposed Rate per ccf	Current to Proposed	
			\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.49	1.61	0.12	8.1%
Summer Rate Structure (April - October)				
Block 1	1.49	1.61	0.12	8.1%
Block 2	2.04	2.21	0.17	8.3%
Block 3	2.84	3.07	0.23	8.1%
Block 4	3.01	3.26	0.25	8.3%

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

Flat Rate or Block	2021	2022	Current to Proposed	
	Current Rate per ccf	Proposed Rate per ccf	\$	%
Winter Rate Structure (November - March)				
Flat Rate	2.01	2.17	0.16	8.1%
Summer Rate Structure (April - October)				
Block 1	2.01	2.17	0.16	8.1%
Block 2	2.75	2.98	0.23	8.5%
Block 3	3.83	4.14	0.31	8.2%
Block 4	4.06	4.40	0.34	8.4%

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	2021	2022	Current to Proposed	
	Current Rate per ccf	Proposed Rate per ccf	\$	%
Winter Rate Structure (November - March)				
Flat Rate	1.80	1.94	0.14	8.00%
Summer Rate Structure (April - October)				
Block 1	1.80	1.94	0.14	8.00%
Block 2	2.50	2.70	0.20	8.00%
Block 3	2.66	2.87	0.21	7.89%

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

Flat Rate or Block	2021	2022	Current to Proposed	
	Current Rate per ccf	Proposed Rate per ccf	\$	%
Winter Rate Structure (November - March)				
Flat Rate	2.42	2.62	0.20	8.45%
Summer Rate Structure (April - October)				
Block 1	2.42	2.62	0.20	8.45%
Block 2	3.37	3.65	0.28	8.31%
Block 3	3.59	3.87	0.28	7.80%

Rate Structure

Block	Current
Flat Rate	All Usage
Block 1	1 CCF- Target Budget
Block 2	Target Budget up to 300% of Target Budget
Block 3	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	2021	2022	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	72 ccf	3/4	210.00	226.92	16.92	8.06%
Residential Low Use	96 ccf	3/4	242.88	262.44	19.56	8.05%
Residential Medium Use	255 ccf	3/4	556.95	601.80	44.85	8.05%
Residential High Use	838 ccf	1	2,016.94	2,182.24	165.30	8.20%
Industrial Use	96,476 ccf	2	155,257.60	167,877.40	12,619.80	8.13%
Commercial Use	11,597 ccf	2	18,227.45	19,701.73	1,474.28	8.09%

Water Rate Change Monthly Impact on Select City Customers

Account Type	Monthly Usage	Meter Size	2021	2022	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	6 ccf	3/4	17.50	18.91	1.41	8.06%
Residential Low Use	8 ccf	3/4	20.24	21.87	1.63	8.05%
Residential Medium Use	21 ccf	3/4	46.41	50.15	3.74	8.05%
Residential High Use	70 ccf	1	168.08	181.85	13.78	8.20%
Industrial Use	8,040 ccf	2	12,938.13	13,989.78	1,051.65	8.13%
Commercial Use	966 ccf	2	1,518.95	1,641.81	122.86	8.09%

Water Rate Change
Annual Impact on Select County Customers

Account Type	Annual Usage	Meter Size	2021	2022	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	72 ccf	3/4	283.50	306.34	22.84	8.06%
Residential Low Use	96 ccf	3/4	327.89	354.29	26.41	8.05%
Residential Medium Use	255 ccf	3/4	751.88	812.43	60.55	8.05%
Residential High Use	838 ccf	1	2,722.87	2,946.02	223.16	8.20%
Industrial Use	96,476 ccf	2	209,597.76	226,634.49	17,036.73	8.13%
Commercial Use	11,597 ccf	2	24,607.06	26,597.34	1,990.28	8.09%

Water Rate Change
Monthly Impact on Select County Customers

Account Type	Monthly Usage	Meter Size	2021	2022	\$ Change	% Change
			Current Rate	Proposed Rate		
Residential Minimum Use	6 ccf	3/4	23.63	25.53	1.90	8.06%
Residential Low Use	8 ccf	3/4	27.32	29.52	2.20	8.05%
Residential Medium Use	21 ccf	3/4	62.66	67.70	5.05	8.05%
Residential High Use	70 ccf	1	226.91	245.50	18.60	8.20%
Industrial Use	8,040 ccf	2	17,466.48	18,886.21	1,419.73	8.13%
Commercial Use	966 ccf	2	2,050.59	2,216.44	165.86	8.09%

Sewer Rate Change Comparisons

Comparison of Monthly Sewer Class Rate Changes

Flow \$ Per CCF

Class	2021 Current Rate	2022 Proposed Rate	Current to Proposed	
			\$	%
1	2.70	3.19	0.49	18.1%
2	2.70	3.19	0.49	18.1%
3	2.70	3.19	0.49	18.1%
4	2.70	3.19	0.49	18.1%
5	2.70	3.19	0.49	18.1%
6	2.70	3.19	0.49	18.1%
7	Special Rate by Customer			

BOD \$ Per CCF

Class	2021 Current Rate	2022 Proposed Rate	Current to Proposed	
			\$	%
1	0.95	1.12	0.17	17.9%
2	1.55	1.83	0.28	18.1%
3	2.55	3.01	0.46	18.0%
4	3.65	4.31	0.66	18.1%
5	4.58	5.40	0.82	17.9%
6	5.64	6.66	1.02	18.1%
7	Special Rate by Customer			

TSS \$ Per CCF

Class	2021 Current Rate	2022 Proposed Rate	Current to Proposed	
			\$	%
1	0.69	0.82	0.13	18.8%
2	1.39	1.64	0.25	18.0%
3	2.37	2.80	0.43	18.1%
4	3.23	3.81	0.58	18.0%
5	4.20	4.96	0.76	18.1%
6	5.09	6.00	0.91	17.9%
7	Special Rate by Customer			

Total Sewer Rate Per CCF

Class	2021 Current Rate	2022 Proposed Rate	Current to Proposed	
			\$	%
1	4.34	5.13	0.79	18.2%
2	5.64	6.66	1.02	18.1%
3	7.62	9.00	1.38	18.1%
4	9.58	11.31	1.73	18.1%
5	11.48	13.55	2.07	18.0%
6	13.43	15.85	2.42	18.0%
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 \$8.68. Proposed minimum charge is \$10.26

Proposed Sewer Rate Change Customer Impacts

Sewer Rate Change Annual Impact on Select City Customers

Account Type	Annualized Average Winter Water Usage (CCF)	2021	2022	\$ Changes	% Change
		Current Rate	Proposed Rate		
Residential Minimum Use	24 ccf	104.16	123.12	18.96	18.20%
Residential Low Use	48 ccf	208.32	246.24	37.92	18.20%
Residential Medium Use	96 ccf	416.64	492.48	75.84	18.20%
Residential High Use	180 ccf	781.20	923.40	142.20	18.20%
Industrial 2,4	24,168 ccf	277,448.64	327,476.40	50,027.76	18.03%
Commercial 2,1	408 ccf	5,479.44	6,466.80	987.36	18.02%

*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)	2021	2022	\$ Changes	% Change
		Current Rate	Proposed Rate		
Residential Minimum Use	2 ccf	8.68	10.26	1.58	18.20%
Residential Low Use	4 ccf	17.36	20.52	3.16	18.20%
Residential Medium Use	8 ccf	34.72	41.04	6.32	18.20%
Residential High Use	15 ccf	65.10	76.95	11.85	18.20%
Industrial 2, 4	2,014 ccf	23,120.72	27,289.70	4,168.98	18.03%
Commercial 2,1	34 ccf	456.62	538.90	82.28	18.02%

*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	2021	2022	Changes Current to Proposed	
		Current Rate	Proposed Rate	\$	%
Single and Duplex <.25 Acre	All ERU	5.43	5.98	0.55	10.13%
Single and Duplex >.25 Acre	All ERU	7.60	8.36	0.76	10.00%
Triplex and Fourplex	All ERU	10.87	11.96	1.09	10.03%
All other Parcels	Per ERU	5.43	5.98	0.55	10.13%

*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	2021	2022	Changes Current to Proposed	
		Current Rate	Proposed Rate	\$	%
Residential less than .25 Acre	Any ERU	65.16	71.76	6.60	10.13%
Residential more than .25 Acre	Any ERU	91.20	100.32	9.12	10.00%
Industrial*	300 ERU	1,629.00	1,794.00	165.00	10.13%
Commercial	120 ERU	651.60	717.60	66.00	10.13%

Stormwater Rate Change Monthly Impact on Select City Customers

Account Type	ERUs	2021	2022	Changes Current to Proposed	
		Current Rate	Proposed Rate	\$	%
Residential less than .25 Acre	Any ERU	5.43	5.98	0.55	10.13%
Residential more than .25 Acre	Any ERU	7.60	8.36	0.76	10.00%
Industrial	25 ERU	135.75	149.50	13.75	10.13%
Commercial	10 ERU	54.30	59.80	5.50	10.13%

APPENDIX B: Supplemental Information

Water Rates Compared With Nearby States

RANKING	<i>Comparison of Recognizable Cities in Western States</i> City, State	AVERAGE MONTHLY CHARGES
1	FLAGSTAFF, ARIZONA	\$130.84
2	BOISE, IDAHO	\$73.30
3	CHEYENNE, WYOMING	\$69.78
4	DENVER, COLORADO	\$58.61
5	RENO, NEVADA	\$51.14
6	LAS VEGAS, NEVADA	\$46.70
7	PHOENIX, ARIZONA	\$44.56
	SALT LAKE CITY, UTAH (Proposed) 8%	\$40.17
8	SALT LAKE CITY, UTAH (Current)	\$37.17
9	HENDERSEN, NEVADA	\$27.29

Cities compared with 7,480 gallons per month and 24,000 gallons summer usage
Based on eight months Winter and four months Summer usage

Sewer Rates Compared With Nearby States

RANKING	COMPARISON OF RECONIZABLE CITIES IN WESTERN STATES City, State	AVERAGE MONTHLY CHARGES
1	RENO, NV	\$49.53
2	BOISE, ID **	46.72
3	SALT LAKE CITY (Proposed)	41.05
4	PHOENIX, AZ **	39.50
5	LAS VEGAS, NV	38.90
6	SALT LAKE CITY	34.71
7	FLAGSTAFF, AZ	32.01
8	CHEYENNE, WY **	30.82
9	DENVER, CO	28.96
10	HENDERSON, NV	25.78

Annual costs based on 12 months @ 5,984 gallons per month average winter water consumption

** includes Monthly base rate

Sewer Rates Compared With Local Cities

		ANNUAL
RANKING	CITY OR DISTRICT NAME	CHARGE *
1	CITY OF SOUTH SALT LAKE	646.27
	SALT LAKE CITY (Proposed)	492.60
2	MAGNA CITY	416.19
3	WEST JORDAN CITY **	411.21
4	KEARNS IMPROVEMENT DISTRICT **	389.21
5	OGDEN CITY	386.40
6	MURRAY CITY **	357.17
7	GRANGER - HUNTER IMPROVEMENT DISTRICT	342.75
8	MIDVALLEY IMPROVEMENT DISTRICT	332.09
9	SOUTH VALLEY SEWER DISTRICT	329.81
6	SALT LAKE CITY (Current)	311.65
11	TAYLORSVILLE-BENNION IMPROVEMENT DISTRICT **	281.28
12	COTTONWOOD IMPROVEMENT DISTRICT	257.71
13	SANDY SUBURBAN IMPROVEMENT DISTRICT	246.81
14	MT OLYMPUS IMPROVEMENT DISTRICT	231.28
15	SOUTH DAVIS SEWER DISTRICT	189.86

* Annual cost based on 12 months @5,984 gallons per month average winter consumption. Flat rate based on monthly rate multiplied by 12.

** Includes monthly base rate`

Stormwater Rates Compared with Local Cities

RANKING	CITY NAME	CURRENT RATE
1	PLEASANT GROVE	14.41
2	PROVO	10.75
3	DRAPER CITY	9.00
4	OGDEN CITY	8.32
5	SOUTH JORDAN CITY	7.15
6	BOUNTIFUL CITY	7.00
7	MURRAY CITY	6.30
8	AMERICAN FORK	6.00
9	SANDY CITY	6.00
	SALT LAKE CITY (PROPOSED)	5.98
10	WEST JORDAN CITY	5.86
11	SALT LAKE CITY (Current)	5.43
12	OREM	4.75
13	TAYLORSVILLE CITY	4.00

Public Utilities Department

Local Area Water Rate Comparison - November 2020

(Highest to Lowest Ranking)

RANKING	CITY OR DISTRICT NAME	MONTHLY MINIMUM CHARGE	MINIMUM ALLOWANCE IN GALLONS	RATE OVER MINIMUM ALLOWANCE	PER GALLONS	MONTHLY FLOURIDE CHARGE	WINTER @ 7,480 GAL PER MONTH	SUMMER @ 23,936 GAL PER MONTH	TOTAL WINTER CHARGES*	TOTAL SUMMER CHARGES*	YEARLY TAX ON \$200,000 PROPERTY	TOTAL CHARGES
1	PARK CITY - GRADUATED RATES (1)	52.07	0	6.49 - 10.94	1,000		110.31	286.28	882.50	1145.12		2027.62
2	AMERICAN FORK - GRADUATED RATES (2)	16.49	3,000	3.59 - 5.06	1,000		33.65	115.80	269.23	463.18		732.41
3	DRAPER CITY - GRADUATED RATES (3)	20.25	0	2.05 - 3.71	1,000		39.08	97.00	312.65	388.01		700.66
4	SOUTH JORDAN CITY - GRADUATED RATES (4)	30.00	0	2.00 - 2.50	1,000		45.33	84.09	362.64	336.36		699.00
5	WEST JORDAN CITY (11)	20.00	0	2.25 - 3.85	1,000		37.50	98.35	300.02	393.41		693.43
6	PLEASANT GROVE - GRADUATED RATES (6)	22.94	5,000	2.78 - 5.81	1,000		29.83	109.06	238.68	436.23		674.91
	SALT LAKE CITY - OUTSIDE OF CITY (Proposed)	13.54	0	2.00 - 3.79	748		33.54	95.72	268.32	382.88		651.20
7	OGDEN CITY - GRADUATED RATES (7)	22.55	0	1.90 - 2.91	1,000		38.26	88.28	306.05	353.12		659.18
8	RIVERTON CITY - GRADUATED RATES (5)	2.50	0	3.76 - 3.91	1,000		31.00	95.34	247.97	381.36		629.33
9	SALT LAKE CITY - OUTSIDE OF CITY	12.53	0	1.84 - 3.50	748		30.93	88.33	247.44	353.32		600.76
10	SANDY CITY - OUTSIDE OF CITY (8)	19.95	0	1.80 - 2.75	1,000		34.82	80.07	278.56	320.30		598.86
11	MAGNA - GRADUATED RATES (10)	18.10	6,000	2.08 - 2.65	1,000	1.02	22.20	57.91	177.59	231.64	207.29	616.52
12	KEARNS IMPROVEMENT DIST-GRADUATED RATES (9)	11.60	0	2.33 - 2.92	1,000		29.03	75.59	232.23	302.37	45.23	579.83
13	SANDY CITY - INSIDE OF CITY (12)	14.43	0	1.64 - 2.53	1,000		28.01	69.65	224.12	278.59	32.67	535.38
	SALT LAKE CITY - INSIDE OF CITY (Proposed)	10.03	0	1.48 - 2.81	748		24.83	70.85	198.64	283.40	29.15	511.19
14	SALT LAKE CITY - INSIDE OF CITY (13)	9.28	0	1.37 - 2.59	748		22.98	65.56	183.84	262.24	31.79	475.23
15	GRANGER - HUNTER IMPROVEMENT DISTRICT (14)	13.00	0	1.77 - 2.05	1,000		26.30	58.91	210.42	235.64	24.75	470.80
16	BOUNTIFUL CITY - RESIDENTIAL HIGH ELEVATION	23.57	5,000	1.98	1,000		28.48	61.06	227.84	244.25		472.10
17	CITY OF SOUTH SALT LAKE	19.00	5,000	2.25	1,000	2.00	26.58	63.61	212.64	254.42		467.06
18	PROVO	17.70	0	1.01 - 1.67	1,000		25.25	57.67	202.04	230.69		432.73
19	BOUNTIFUL CITY - RESIDENTIAL LOW ELEVATION	21.39	5,000	1.79	1,000		25.83	55.29	206.63	221.14		427.78
20	JVWCD	3.00	0	1.85 - 2.74	1,000		16.84	57.90	134.70	231.62	40.26	406.58
21	OREM - GRADUATED RATES (17)	20.20	0	0.98 - 1.22	1,000		27.53	46.76	220.24	187.05		407.29
22	MURRAY CITY - GRADUATED RATES (16)	11.24	0	1.07 - 1.57	748		22.38	52.72	179.04	210.88		389.92
23	TAYLORSVILLE/BENNION IMPROVEMENT DISTRICT (15)	9.00	0	1.43 - 1.87	1,000		20.35	51.12	162.78	204.48	6.16	373.42

Public Utilities Department

Local Area Water Rate Comparison - November 2020 Continued

(Highest to Lowest Ranking)

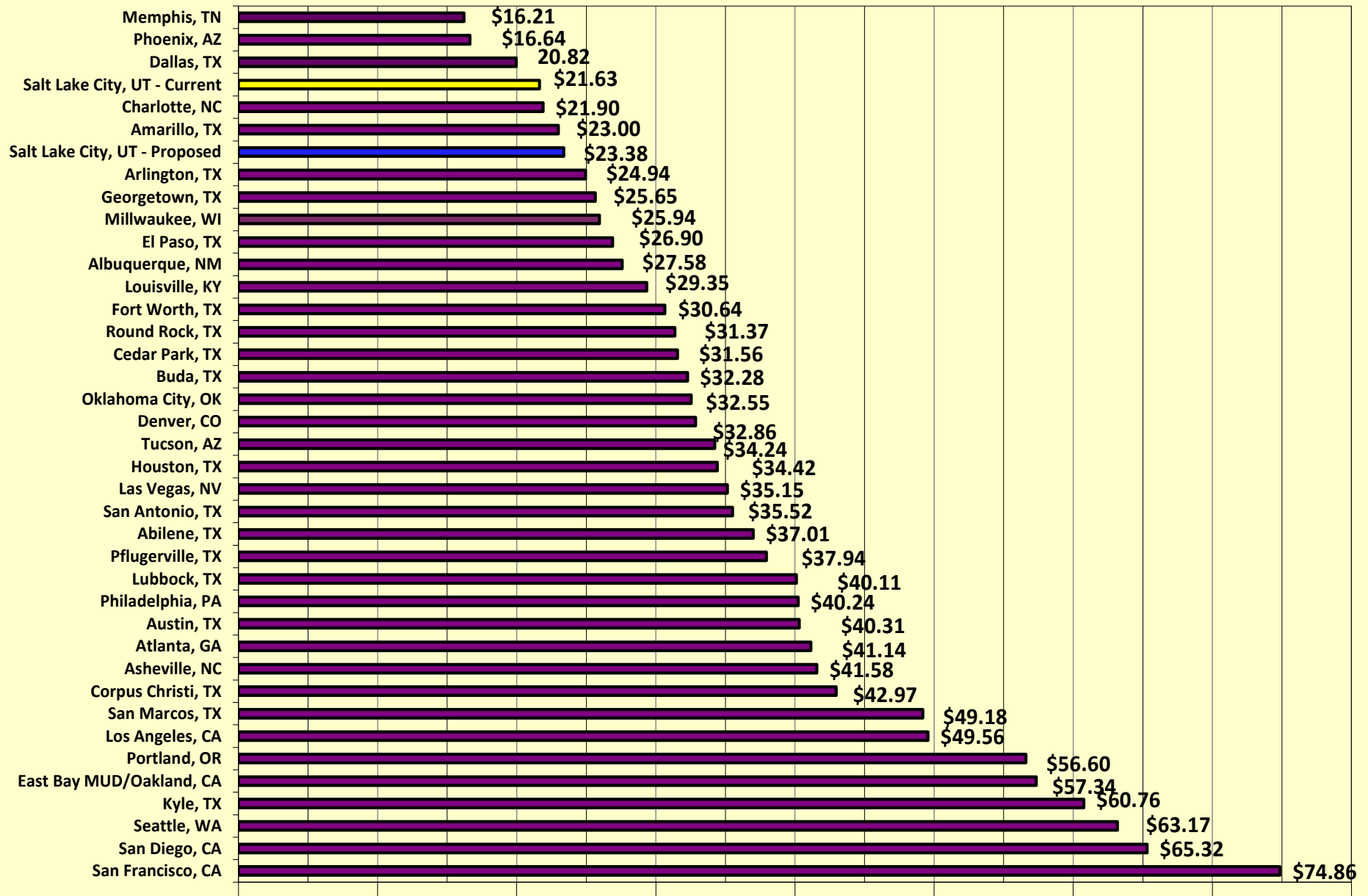
CALCULATION OF COMPARISONS

** BASED ON EIGHT MONTHS WINTER AND FOUR MONTHS SUMMER*

- (1) RATES ARE \$6.49/THOUSAND FOR 0-5,000 GALLONS, \$10.40/THOUSAND FOR 5,001-15,000 GALLONS, & \$10.94/THOUSAND FOR 15,001-25,000 GALLONS*
- (2) RATES ARE \$16.49 FOR 0-3,000 GALLONS, \$3.59/THOUSAND FOR 3,001-6,000 GALLONS, \$4.32/THOUSAND FOR 6,000-9,000 GAL & \$5.06/THOUSAND OVER 9,000 GALLONS*
- (3) RATES ARE \$2.05/THOUSAND FOR 0-5,000 GALLONS, \$3.46/THOUSAND FOR 5,001-20,000 GALLONS, & \$3.71/THOUSAND FOR 20,001-50,000 GALLONS*
- (4) RATES ARE \$2.00/THOUSAND FOR 0-6,000 GALLONS, \$2.25/THOUSAND FOR 6,001-17,000 GALLONS & \$2.50/THOUSAND FOR 17,001 - 42,000 GALLONS*
- (5) RATES ARE \$3.76 FOR 0-5,000 GALLONS & \$3.91/THOUSAND OVER 5,000 GALLONS*
- (6) RATES ARE \$22.94 FOR 0-5,000 GALLONS, \$2.78/THOUSAND FOR 5,001-10,000 GALLONS, \$4.06/THOUSAND FOR 10,001-15,000 GALLONS & \$5.81/THOUSAND OVER 15,000 GALLONS*
- (7) RATES ARE \$1.90/THOUSAND FOR 0-6,000 GALLONS & \$2.91/THOUSAND FOR 6,001-42,000 GALLONS*
- (8) RATES ARE \$1.80/THOUSAND FOR 0-6,000 GALLONS & \$2.75/THOUSAND FOR 6,001-40,000 GALLONS*
- (9) RATES ARE \$2.33/THOUSAND FOR 0-10,000 GALLONS & \$2.92/THOUSAND FOR 10,001-25,000 GALLONS*
- (10) RATES ARE \$2.08/THOUSAND FOR 0-6,000 GALLONS, \$2.33/THOUSAND FOR 6,001-18,000 GALLONS, & \$2.65/THOUSAND FOR 18,000 - 35,000 GALLONS*
- (11) RATES ARE \$2.25/THOUSAND FOR 0-5,000 GALLONS, \$3.65/THOUSAND FOR 5,001-20,000 GALLONS, & \$3.85/THOUSAND FOR 20,001-50,000 GALLONS*
- (12) RATES ARE \$1.64 FOR 0-6,000 GALLONS, \$2.53/THOUSAND FOR 6,001-40,000 GALLONS*
- (13) INCLUDES METROPOLITAN WATER PROPERTY TAX*
- (14) RATES ARE \$1.77/THOUSAND FOR 0-7,000 GALLONS, \$1.90/THOUSAND FOR 7,001-15,000 GALLONS & \$2.05/THOUSAND FOR OVER 15,000 GALLONS*
- (15) RATES ARE \$1.43/THOUSAND FOR 0-6,000 GALLONS & \$1.87/THOUSAND FOR 6,001-25,000 GALLONS*
- (16) RATES ARE \$1.07/HUNDRED FOR 0-8 HCF, \$1.29/HUNDRED FOR 9-25 HCF & \$1.57/HUNDRED FOR 26-49 HCF*
- (17) RATES ARE \$.98/THOUSAND FOR 0-11,000 GALLONS, \$1.22/THOUSAND FOR 11,001-34,000 GALLONS*

AVERAGE MONTHLY BILL COMPARISON-WATER RESIDENTIAL CLASS

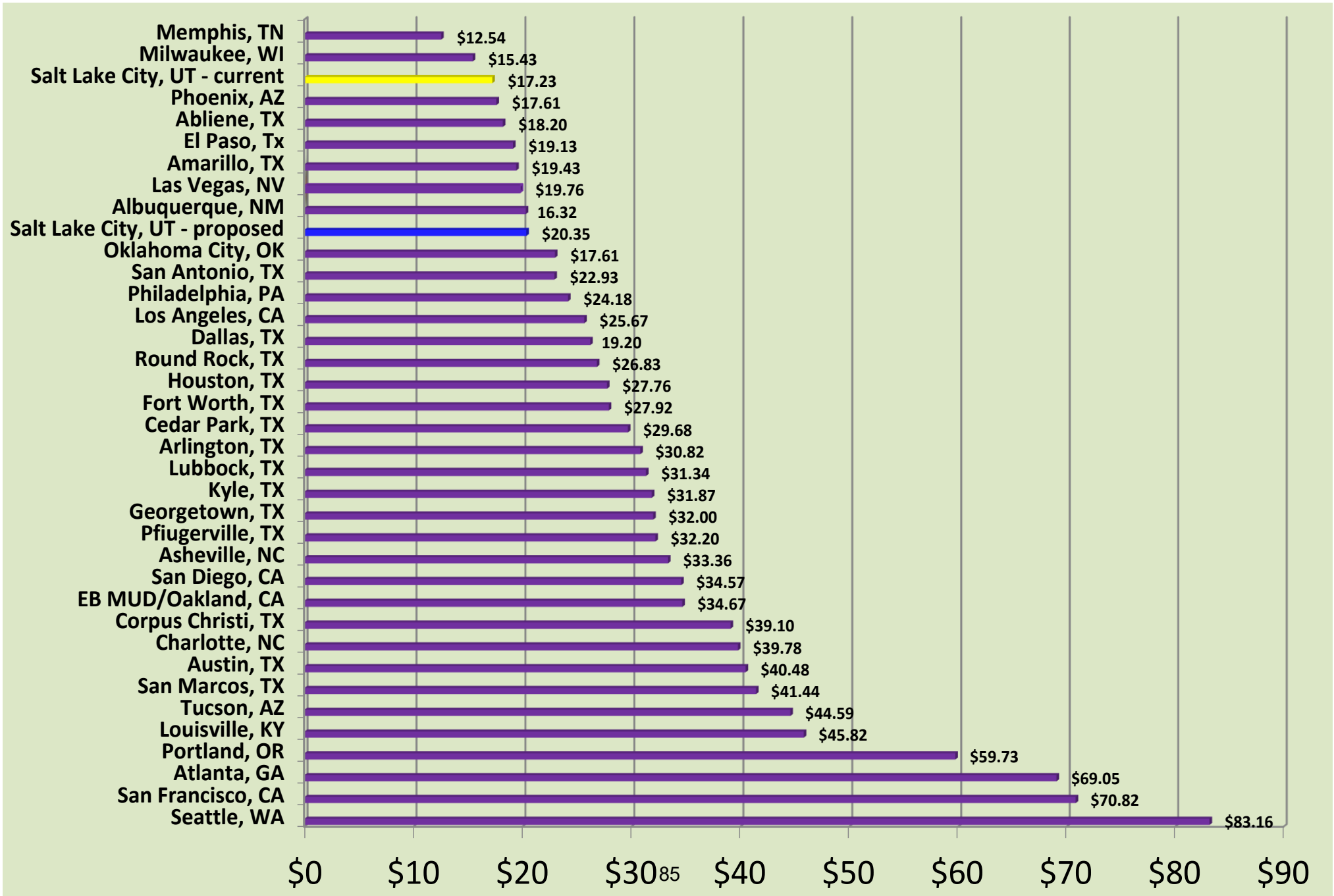
SLC Rates Current – Other City Rates as of March 2020 (Average of 5,800 gallons a month)



\$0 \$10 \$20 \$30 84 \$40 \$50 \$60 \$70 \$80

Average Monthly Bill Comparison – Wastewater Residential

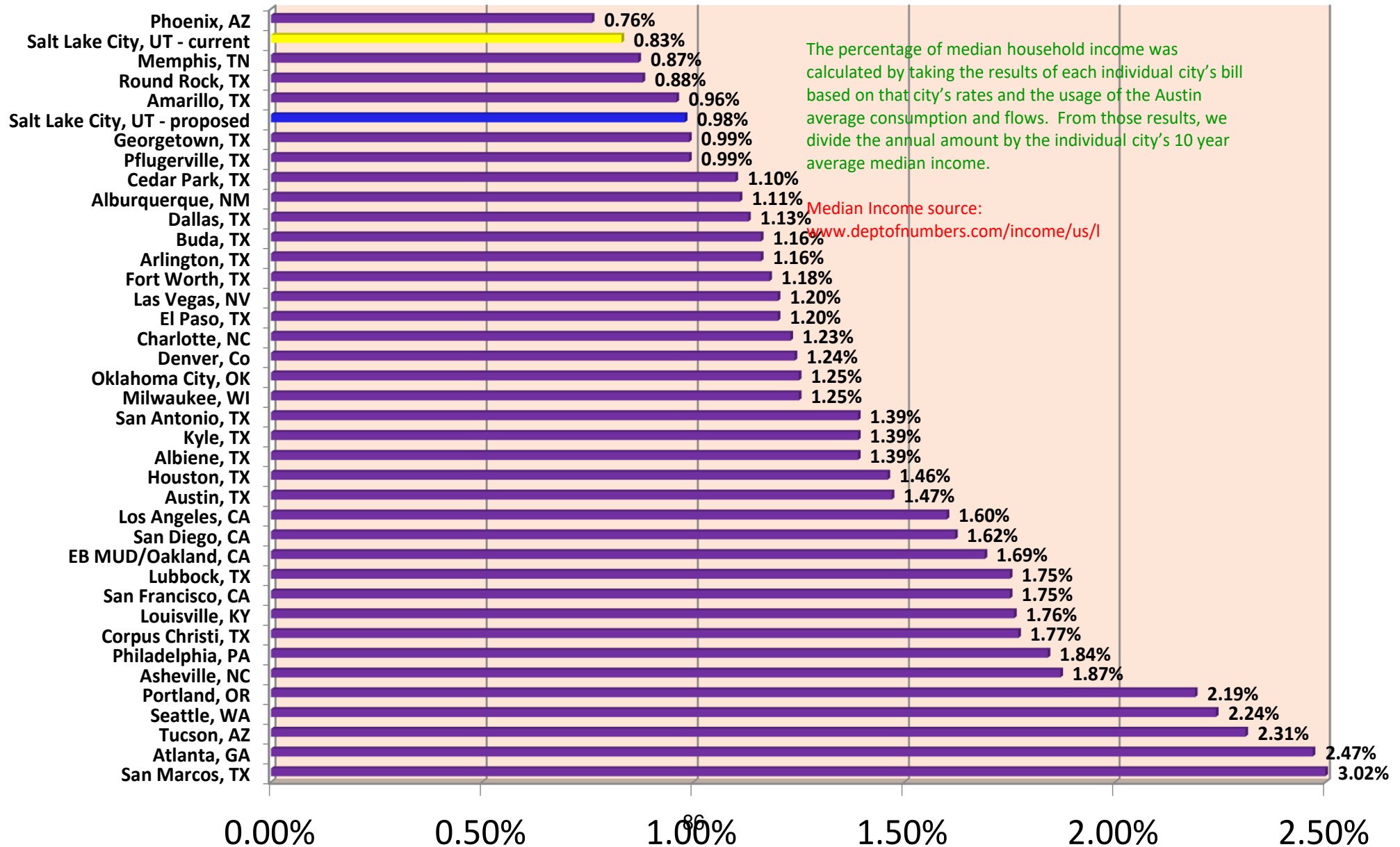
SLC Rates Current – Other City Rates as of March 2018 (Average of 4,000 Gallons of Flow)



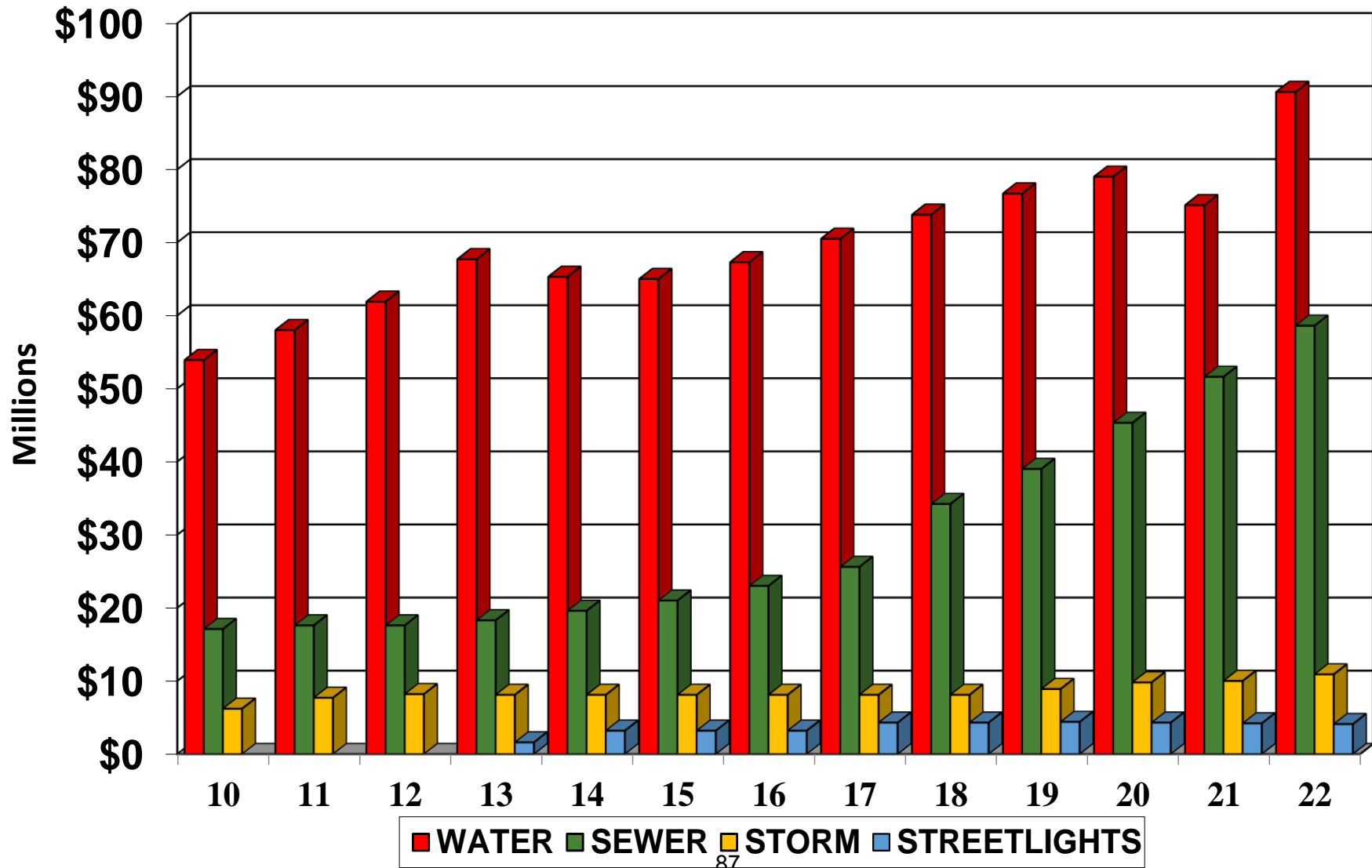
Residential Water & Wastewater Bill

Percent of Median Household Income

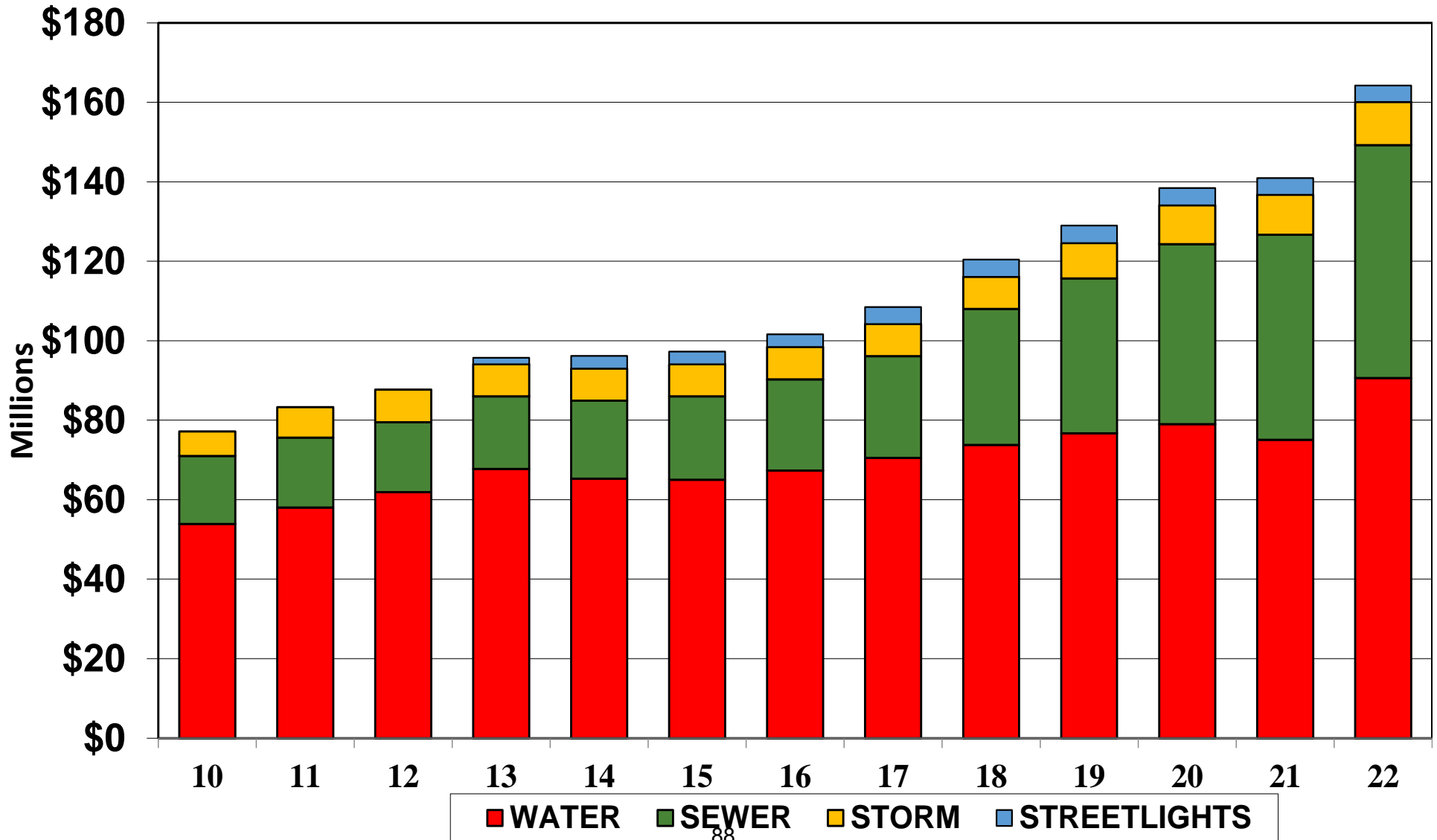
(Austin Average Consumption & Flows as of March 2018)



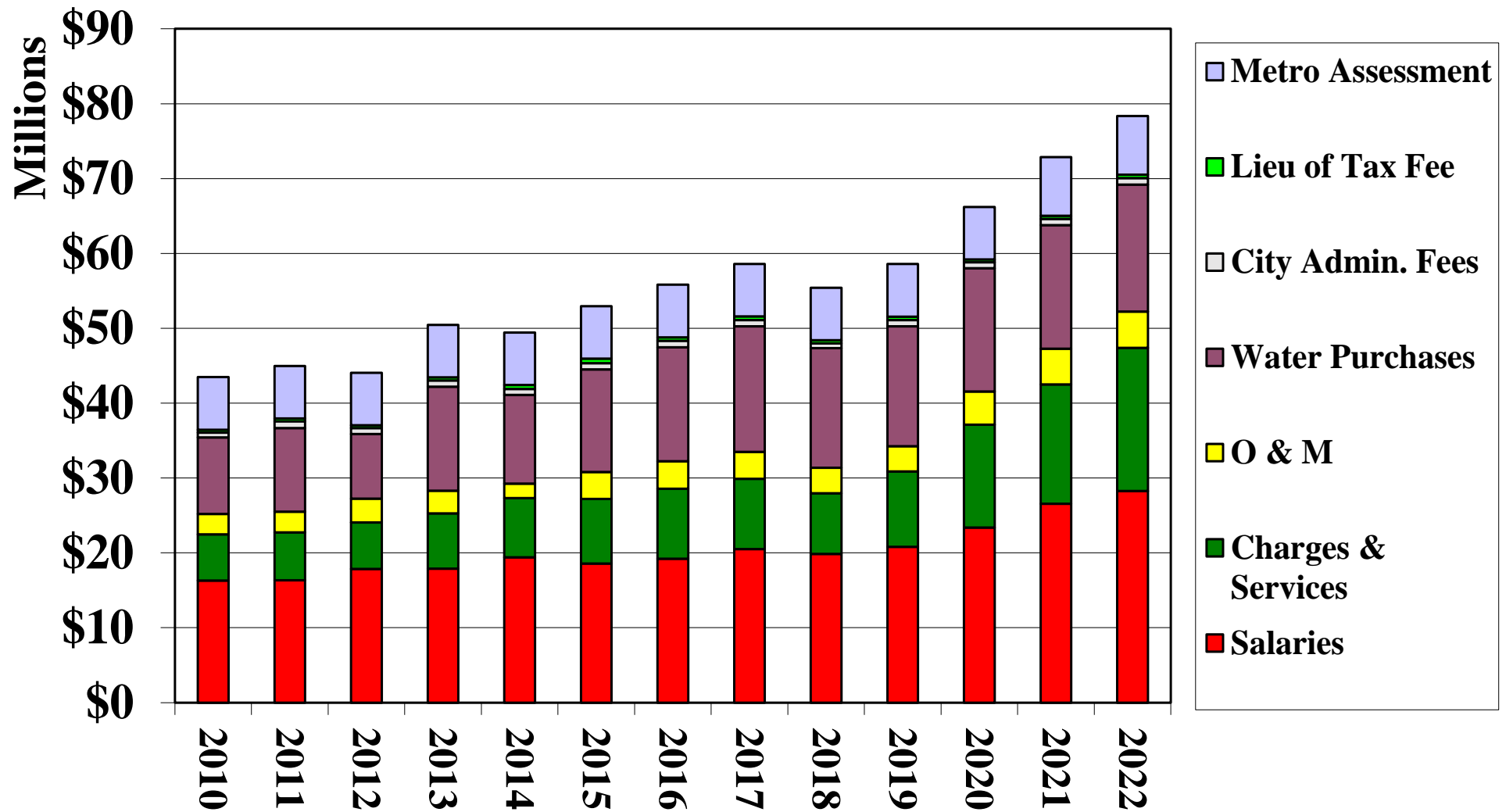
Public Utilities Operating Revenue



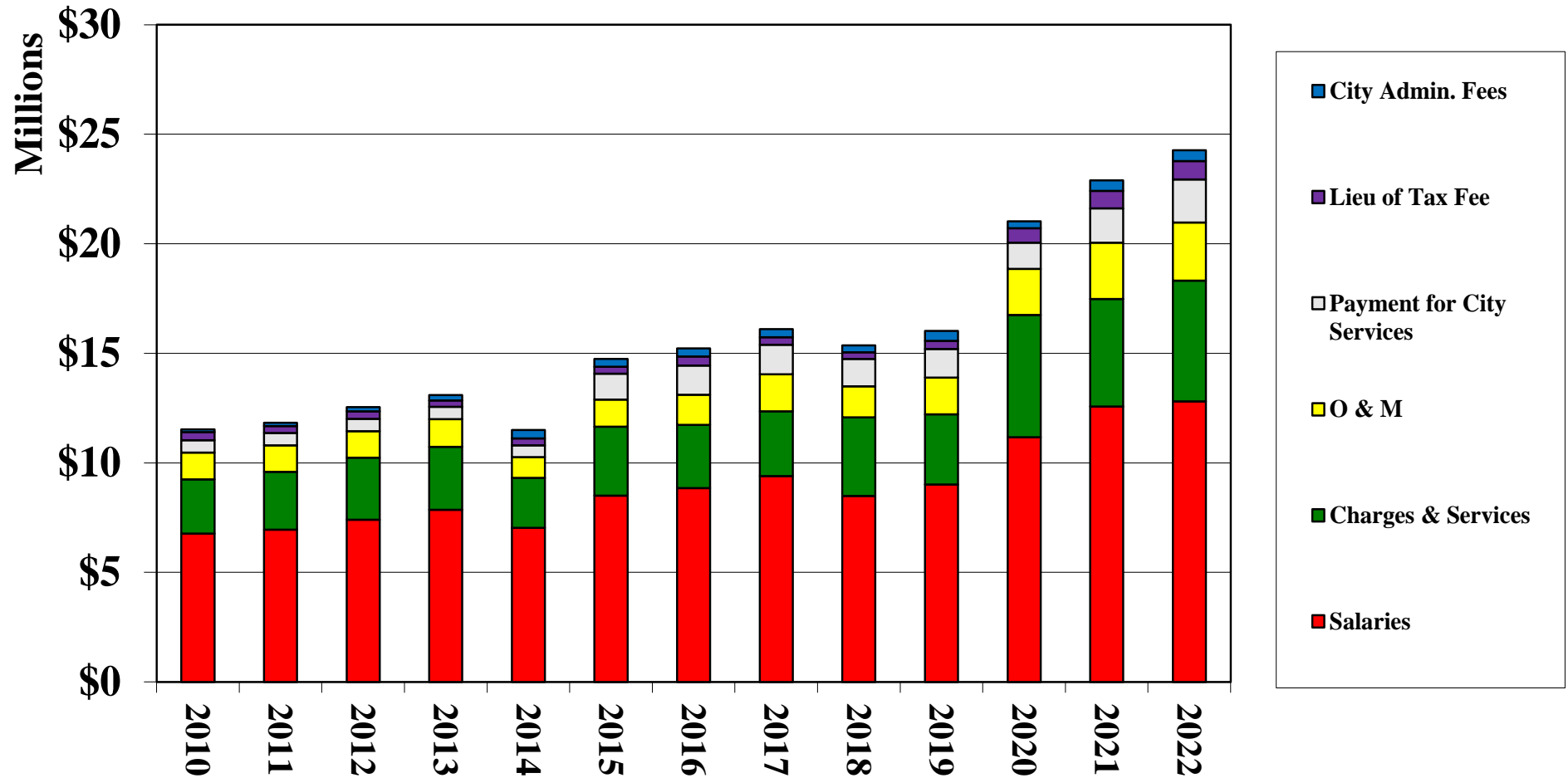
Public Utilities Operating Revenue



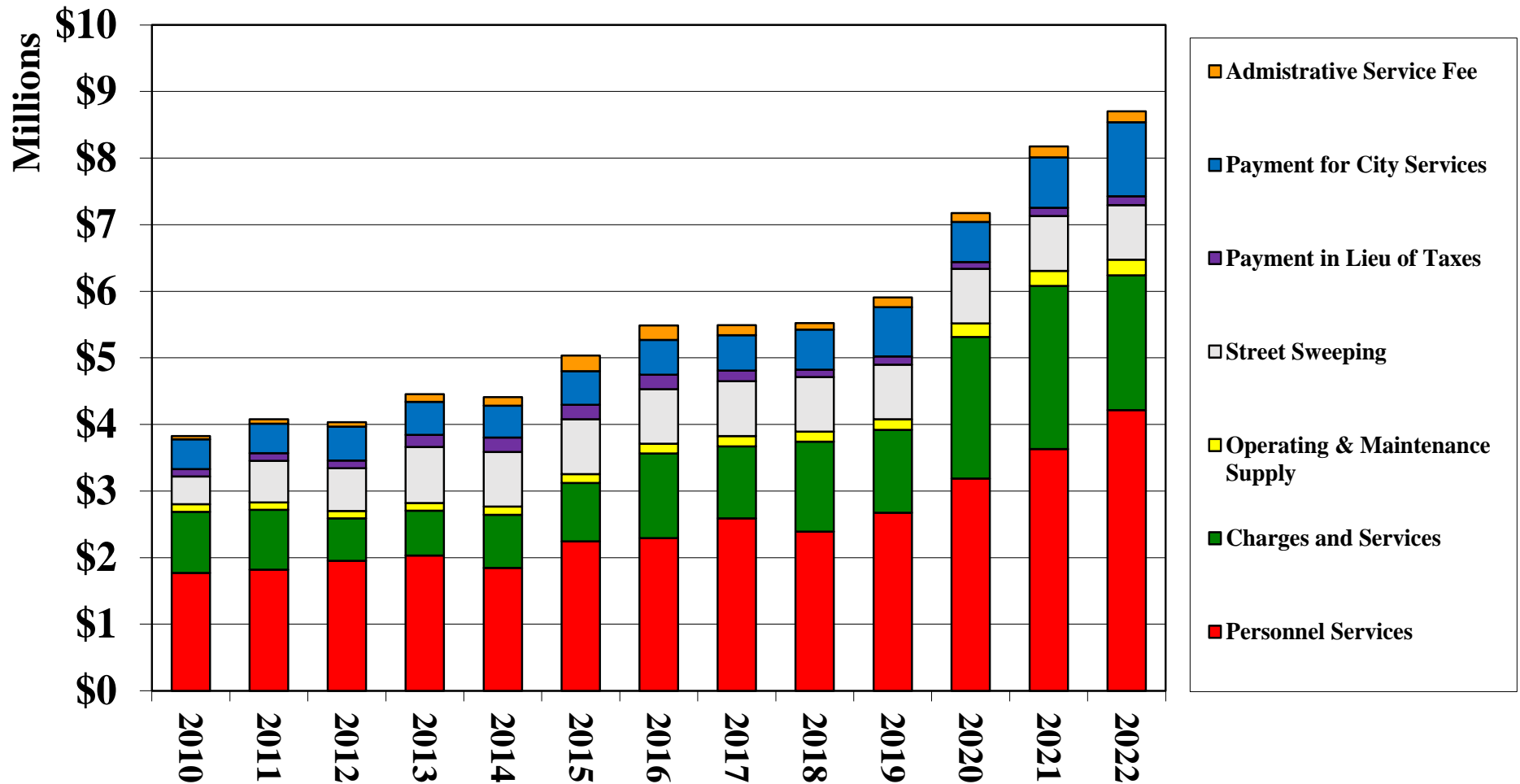
WATER UTILITY OPERATING COSTS



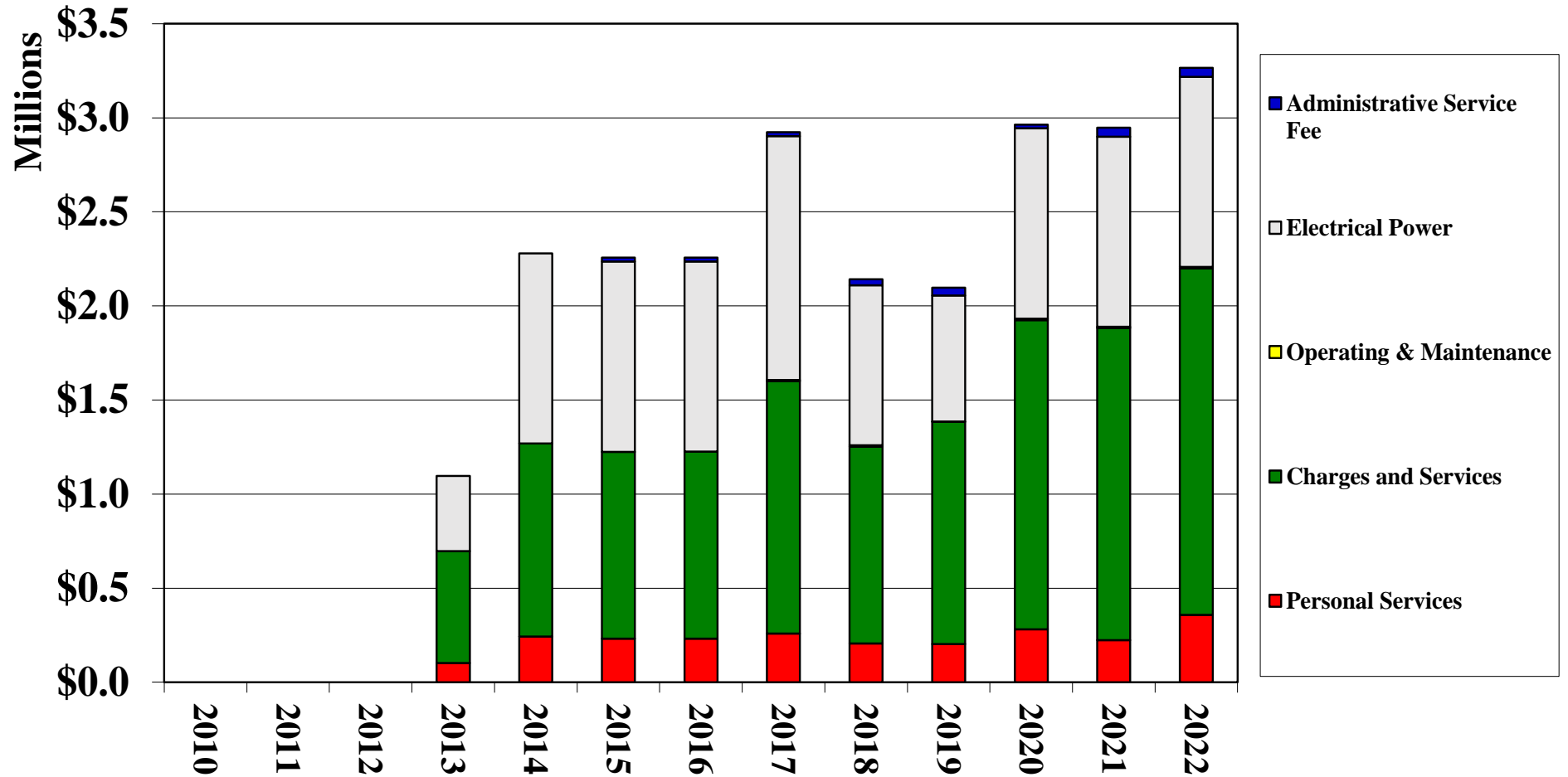
SEWER UTILITY OPERATING COSTS



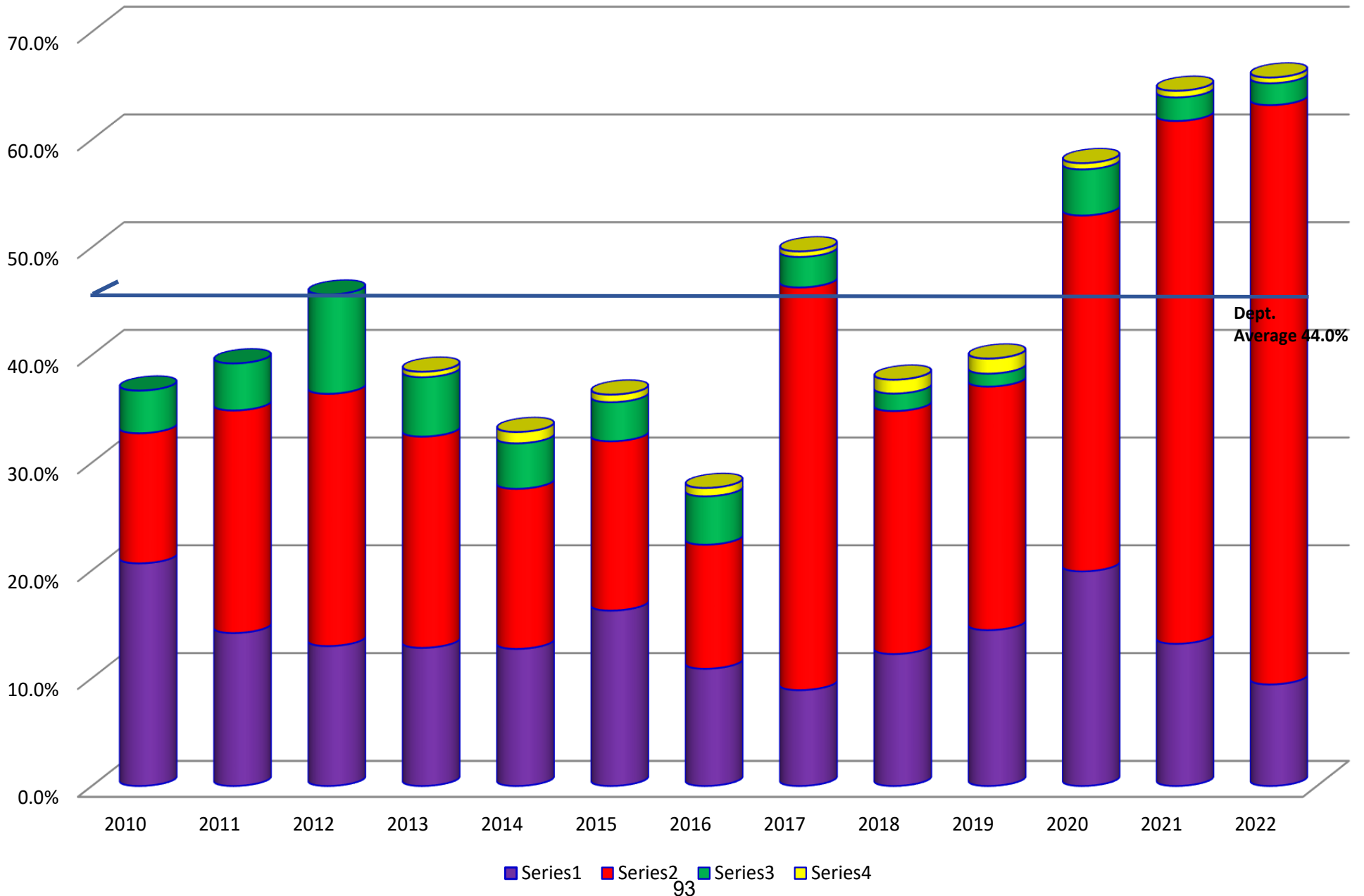
STORM WATER UTILITY OPERATING COSTS



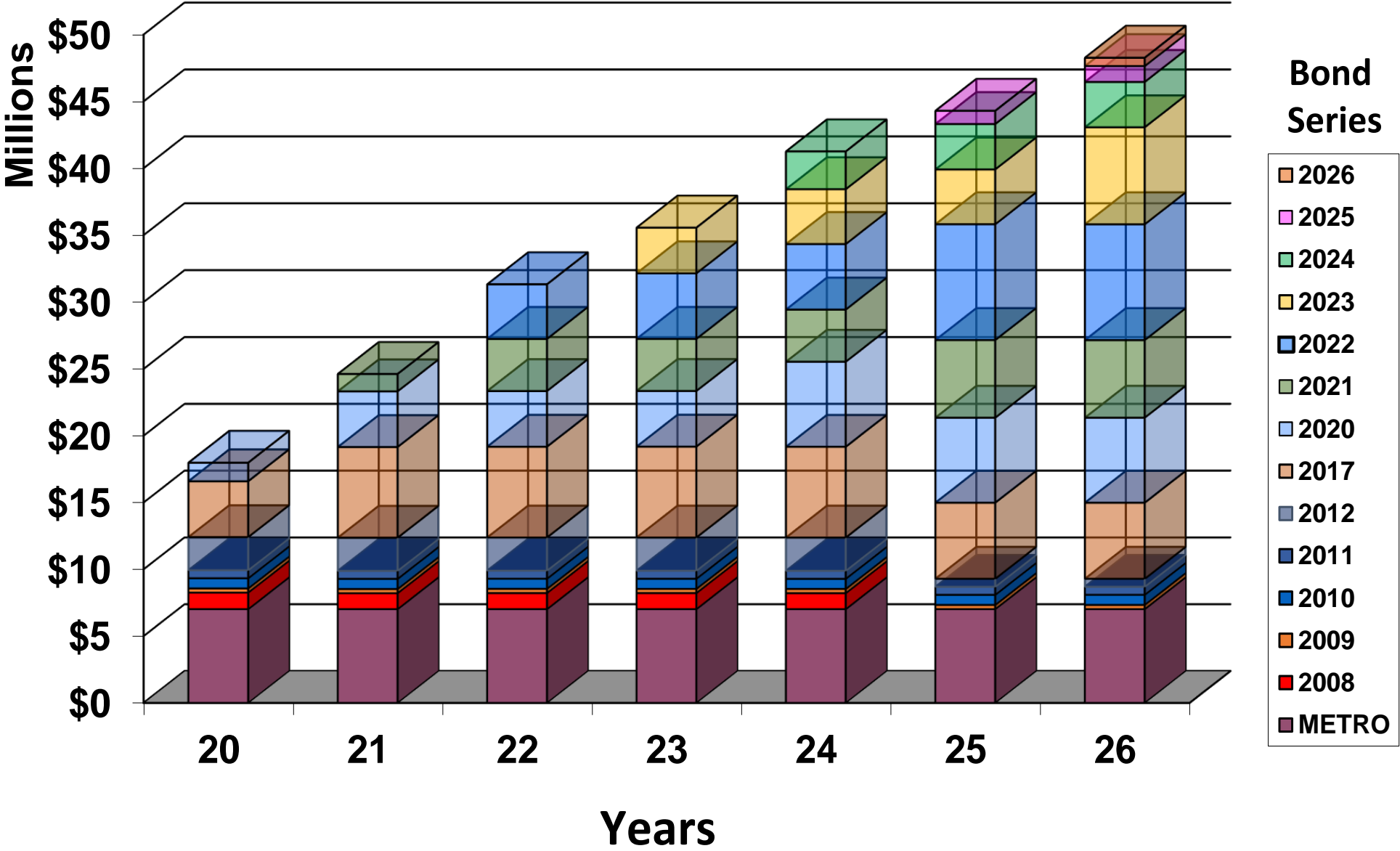
STREET LIGHTING UTILITY OPERATING COSTS



Public Utilities CIP Budget as a Percent of Department Requested Budget



Public Utilities Proposed Debt Service Schedule and Metropolitan Water Assessment



MILLION GALLONS DELIVERED BY YEAR

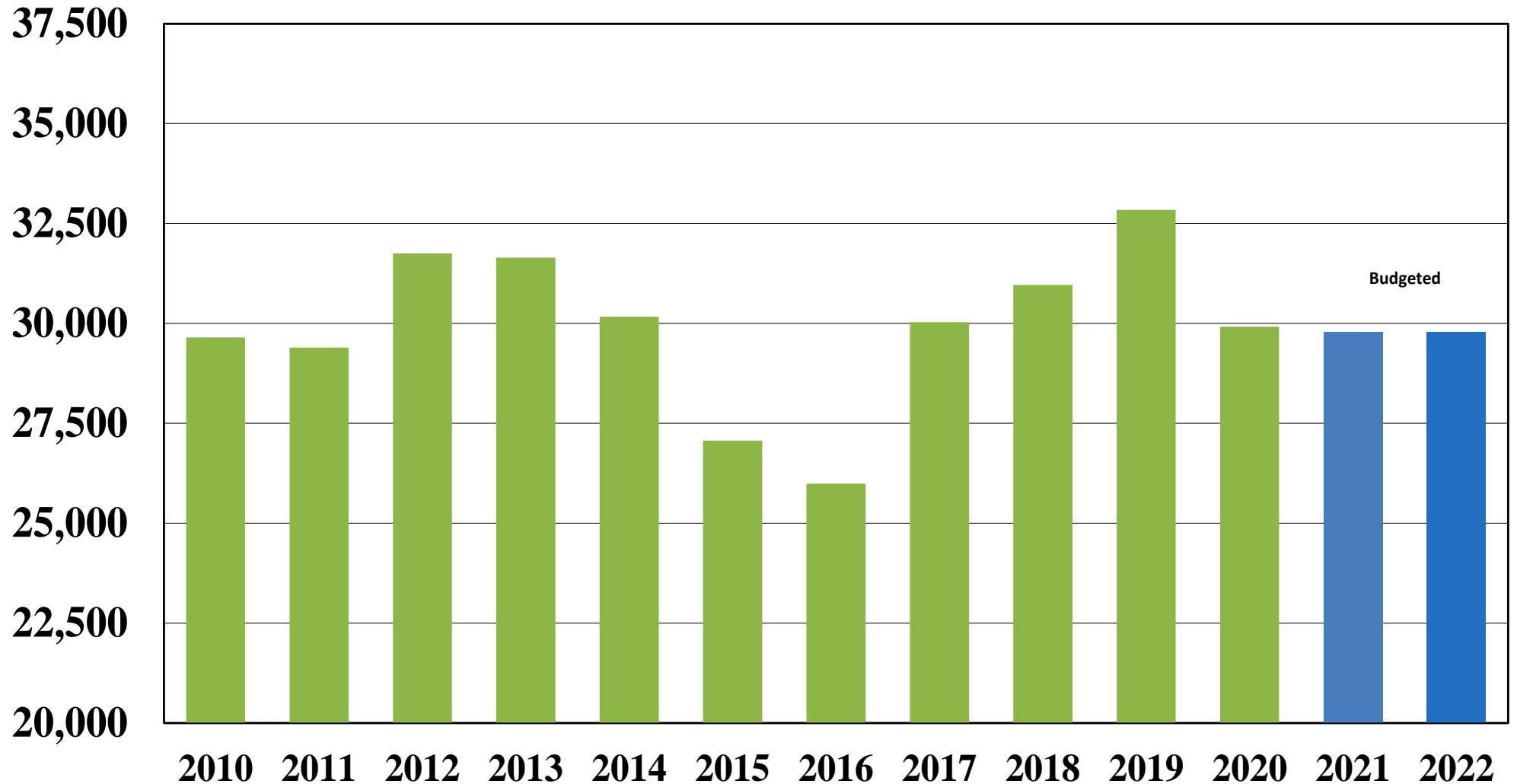
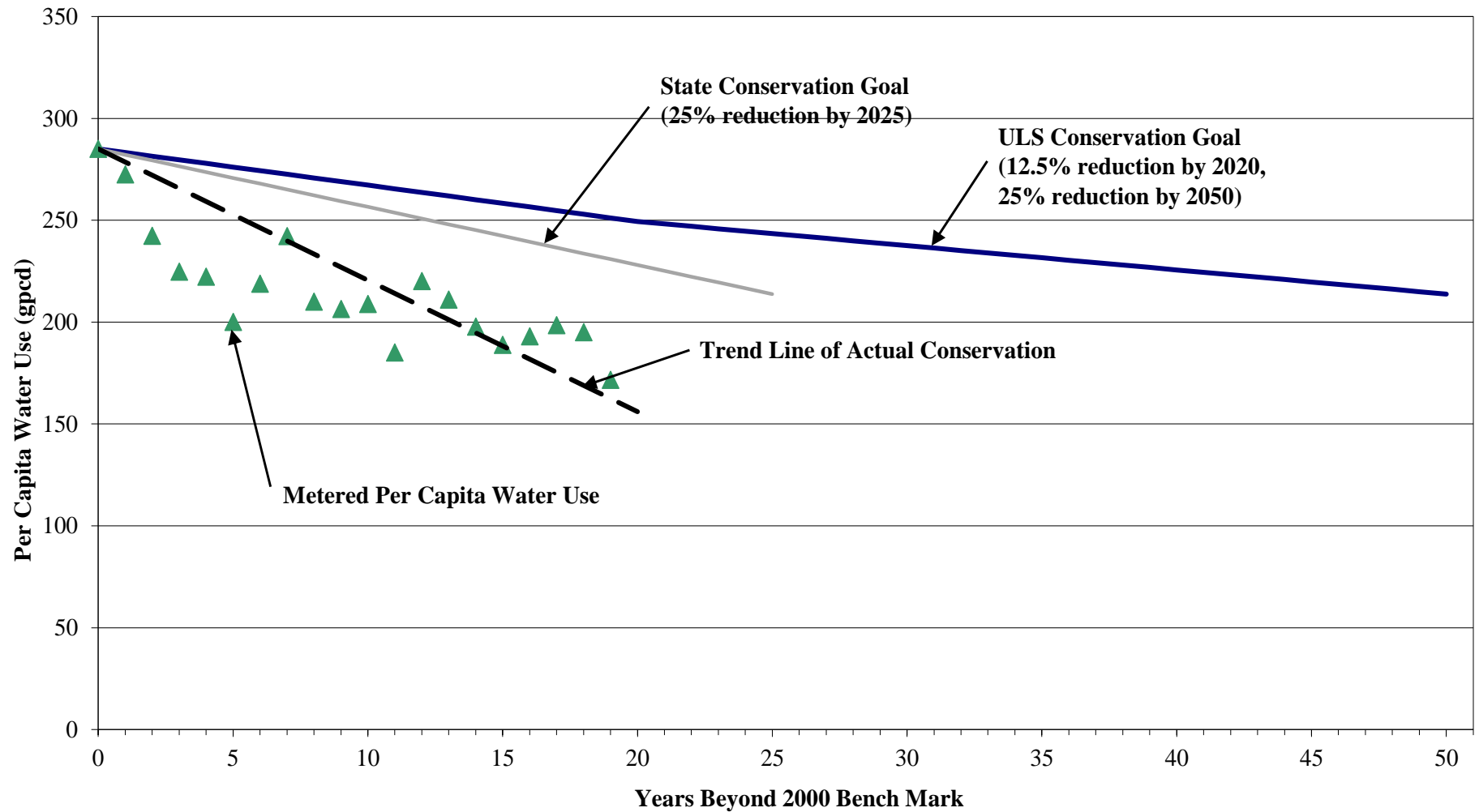


Figure 1 - Salt Lake City Conservation Trend

Documentation of Conservation Performance
Metropolitan Water District of Salt Lake & Sandy



Proposed Personnel Adjustments FY 21/22

	<u>TOTAL</u>	<u>WATER</u>	<u>SEWER</u>	<u>STORM WATER</u>	<u>STREET LIGHTING</u>
Prior FY Ending FTE Balances by Fund	447.50	286.10	123.44	36.42	1.54
<u>NEW POSITIONS REQUESTED FOR FY 21/22:</u>					
1) CONSERVATION TECHNICIAN	1.00	1.00			
2) CHIEF STRATEGY AND INNOVATIONS OFFICER	1.00	0.30	0.30	0.25	0.15
3) LOCATOR MANAGER	1.00	0.50	0.30	0.20	
4) PROJECT MANAGER	1.00	1.00			
5) WATERSHED RANGER	1.00	1.00			
6) LEAD AND COPPER SUPERVISOR	1.00	1.00			
7) DRAINAGE MAINTENANCE LEAD WORKER	1.00			1.00	
8) DRAINAGE MAINTENANCE WORKER III	1.00			1.00	
9) WASTEWATER LIFT STATION LEAD WORKER	1.00		1.00		
10) LANDSCAPE RESTORATION WORKER	1.00	1.00			
11) IRRIGATION OPERATOR II	1.00	1.00			
12) ENGINEER V	2.00	0.80	0.60	0.60	
13) ENGINEER IV	3.00	1.20	0.90	0.90	
14) ADMINISTRATIVE SECRETARY I	<u>1.00</u>	<u>0.50</u>	<u>0.25</u>	<u>0.25</u>	
New Full Time Employee's	17.00	9.30	3.35	4.20	0.15
TOTAL FTE'S WITH NEW POSITIONS ADDED	<u>464.50</u>	<u>295.40</u>	<u>126.79</u>	<u>40.62</u>	<u>1.69</u>
Changes made to Seasonal Employee's	6.00	5.50	0.25	0.25	
Changes made to FTE'S	0.00	-2.24	0.76	0.45	1.03
Agency Totals for FY 2021/2022	470.50	298.66	127.80	41.32	2.72

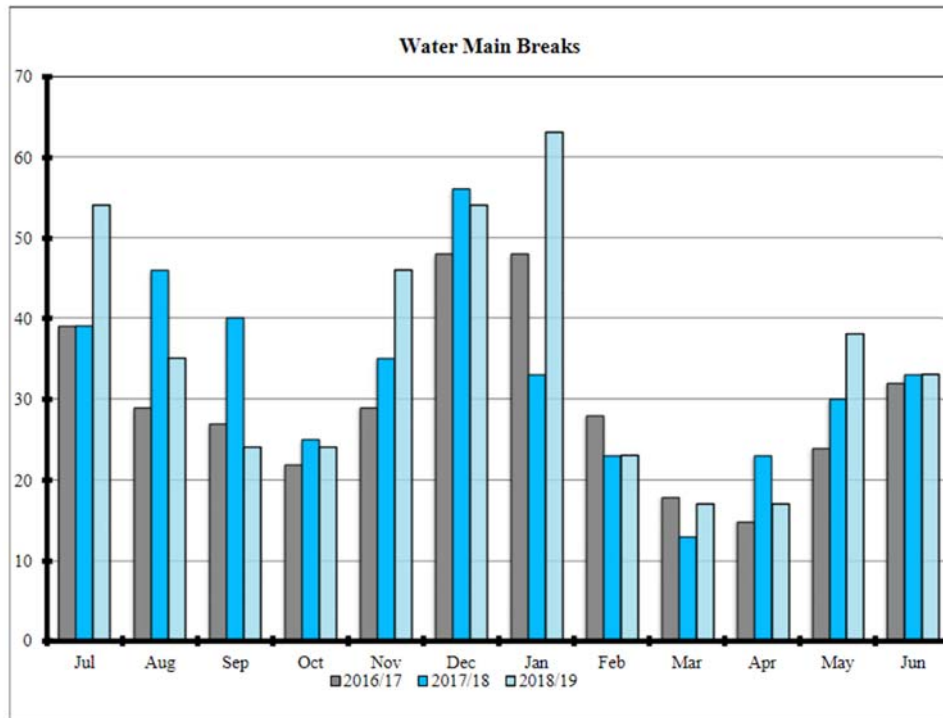
**LENGTH OF WATER PIPELINES IN SERVICE ON JUNE 30, 2019
BY SIZE AND DECADE**

Pipe Size	Length of Water Main Placed in Service (feet)													
Diameter in Inches	Pre-1920	1920-1929	1930-1939	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2018	Age unknown	Length of Water Main (Feet)	
1	-	124	-	-	530	-	-	48	-	-	140	99	941	
1.5	-	-	-	-	252	-	-	-	-	-	-	227	479	
2	-	2,024	4,023	540	1,894	759	9	418	-	-	10	1,074	10,751	
3	13,282	1,567	4,769	-	-	67	-	1,819	-	450	7	817	22,778	
4	104,499	23,811	61,795	68,714	48,888	17,276	2,933	8,037	1,984	2,269	346	9,865	350,417	
6	773,734	215,465	145,497	341,940	461,297	362,054	359,435	170,768	123,683	12,656	3,003	36,507	3,006,039	
8	57,147	19,584	42,649	6,883	29,055	82,006	111,925	126,082	178,495	386,320	162,556	17,129	1,219,831	
9	-	-	-	-	-	-	-	-	918	-	-	-	918	
10	22,745	676	433	7,407	3,280	17,502	24,955	3,822	1,131	9,823	2,014	3,125	96,913	
12	41,036	13,919	31,732	35,118	47,951	130,586	224,995	133,578	184,742	241,175	137,654	17,422	1,239,908	
13	-	-	-	-	-	1,520	-	-	-	-	-	-	1,520	
14	-	-	1,088	-	4	191	598	-	430	1,643	447	8	4,409	
15	-	-	-	-	-	-	-	1,156	70	4,228	-	1,874	7,328	
16	13,587	8	4,778	43,444	27,727	6,542	32,359	30,674	43,093	32,800	13,328	1,419	249,759	
18	12,686	8,562	113	4,219	930	4,006	197	-	7,537	8,185	440	23,963	70,838	
20	5,375	-	4,668	4,159	10,625	33,754	8,423	15,608	3,589	2,707	18	1,643	90,569	
21	-	1,463	-	-	-	-	-	460	-	-	-	-	1,923	
22	-	-	-	2,276	-	572	-	-	-	-	-	-	2,848	
24	920	3,290	11	11	7,591	13,797	672	49,073	23,616	125	19	4,027	103,152	
27	-	-	-	-	-	-	-	-	53	-	-	-	53	
28	-	-	-	-	-	-	-	-	-	-	1,793	-	1,793	
30	9,329	-	-	-	36,614	12,574	6,224	23,894	3,070	2,610	758	3,671	98,744	
32	-	-	-	9,623	-	-	-	8	-	-	4,698	-	14,329	
36	3,917	-	15,740	61	21,799	25,548	11,853	47,769	10,241	3,855	89	8,490	149,362	
42	-	-	-	-	-	-	-	21,364	-	1,457	-	-	22,821	
48	-	2,233	-	7,870	2,544	22,731	198	18,536	1,346	-	-	3,936	59,394	
54	-	-	-	-	-	3,232	-	2,383	-	-	-	-	5,615	
64	-	-	-	791	-	-	-	-	-	-	-	-	791	
66	-	-	-	1,497	-	-	-	5,694	-	-	-	-	7,191	
69	-	-	-	42,376	-	-	-	6	-	-	-	520	42,902	
72	-	-	-	-	-	-	-	19,914	-	-	-	-	19,914	
Feet of Pipe	1,058,257	292,726	317,296	576,929	700,981	734,717	784,776	681,111	583,998	710,303	327,320	135,816	6,904,230	
Miles of Pipe	200.43	55.44	60.09	109.27	132.76	139.15	148.63	129.00	110.61	134.53	61.99	25.72	1,307.62	
Percent of Total	15.3%	4.2%	4.6%	8.4%	10.2%	10.6%	11.4%	9.9%	8.5%	10.3%	4.7%	2.0%	100.0%	

Figure 3 – Age and length of Water pipe

Source: (18-19 SLCDPU Statistical report)





Water Main Breaks												
Month												
Fiscal Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2016/17	39	29	27	22	29	48	48	28	18	15	24	32
2017/18	39	46	40	25	35	56	33	23	13	23	30	33
2018/19	54	35	24	24	46	54	63	23	17	17	38	33
Total												

Figure 4 – Number of breaks- Water pipe

Source:(18-19 SLCDPU Statistical report)



**SANITARY SEWER PIPE SUMMARY
BY SIZE AND DECADE
June 30, 2019**

Diameter of Pipe (Inches)	Feet of Pipe Placed In Service														Length of Pipe (Feet)
	1890-1899	1900-1909	1910-1919	1920-1929	1930-1939	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2016	Age unknown	
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	102	517	249	61	9	938
6	-	811	986	787	-	213	3,256	337	1,420	578	85	-	-	163	8,636
8	61,664	272,199	372,525	140,124	155,775	186,810	212,366	83,812	97,853	93,693	90,980	221,973	133,532	11,220	2,134,526
10	12,447	20,605	73,027	24,821	12,914	7,300	15,117	3,325	6,435	27,120	16,752	30,882	23,089	2,326	276,160
12	7,622	10,160	49,030	20,518	10,233	7,470	19,225	25,590	52,115	19,834	60,329	113,514	28,129	7,056	430,825
14	-	-	-	-	-	-	-	316	-	-	1,566	-	-	-	1,882
15	874	2,324	13,776	3,972	2,800	-	4,276	8,975	21,124	12,285	30,288	34,065	15,923	2,975	153,657
18	-	709	18,001	4,336	-	-	2,917	6,643	18,862	4,961	17,260	13,573	6,765	3,854	97,881
20	3,881	30	-	-	-	-	-	-	-	-	-	-	13,804	-	17,715
21	-	437	4,345	1,995	4,739	5,924	3,821	1,911	13,901	4,616	4,449	329	231	-	46,698
24	-	3,166	4,535	2,462	349	-	-	7,911	30,054	1,046	11,649	15,601	5,464	539	82,776
27	-	-	-	-	-	-	-	-	-	-	2,019	-	5,357	12	7,388
28	-	-	-	-	-	-	-	-	-	-	-	-	-	2,405	2,405
30	-	-	1,523	-	4,663	-	-	3,631	-	-	7,610	1,779	1,265	4,753	25,224
33	-	-	-	-	-	-	-	-	-	-	6,409	-	-	-	6,409
34	-	-	-	-	-	1,884	-	-	-	-	-	-	-	-	1,884
36	-	-	1,206	5,873	-	793	-	5,190	746	-	8,176	8,925	-	-	30,909
38	-	-	-	-	-	-	-	-	-	-	-	-	-	5,482	5,482
40	-	-	-	-	-	-	-	-	-	-	-	-	-	674	674
42	-	-	3,906	-	-	-	-	3,806	-	-	2,318	832	9,870	5,314	26,046
44	-	-	-	-	-	-	-	-	-	-	-	-	15,359	-	15,359
48	-	-	1,620	-	-	-	-	201	-	-	-	3,300	206	16,977	22,304
54	-	-	2,391	-	-	-	-	-	-	-	-	1,586	-	-	3,977
60	-	-	9,215	-	-	-	-	-	-	-	-	-	3,739	-	12,954
64	-	-	-	-	-	-	-	-	-	-	-	-	-	17,581	17,581
66	-	-	8,873	711	-	-	-	-	-	-	-	-	-	96	9,680
72	-	-	3,706	-	-	-	-	-	-	-	-	-	-	-	3,706
78	-	-	1,177	-	-	-	465	-	-	-	-	-	-	4,053	5,695
UNKN	-	-	-	-	-	-	-	-	-	-	-	-	164	15,981	16,145
Feet of Pipe	86,488	310,441	569,842	205,599	191,473	210,394	261,443	151,648	242,510	164,235	260,407	446,608	262,958	101,470	3,465,516
Miles of Pipe	16.38	58.80	107.92	38.94	36.26	39.85	49.52	28.72	45.93	31.11	49.32	84.58	49.80	19.22	656.35
Percent of Total	2.5%	9.0%	16.4%	5.9%	5.5%	6.1%	7.5%	4.4%	7.0%	4.7%	7.5%	12.9%	7.6%	2.9%	100.0%

Figure 5 – Age and length of Sewer pipe

Source:(18-19 SLCDPU Statistical report)



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Sum of Debit - Credit		Column Labels			
Row Labels	51	52	53	Grand Total	
2018	354,429.03	5,554.50		359,983.53	
CLYDE SNOW SESSIONS & SWENSON	101,800.57			101,800.57	
HANSEN ALLEN & LUCE INC	13,607.58			13,607.58	
HOLLAND & HART L L P	1,763.00	5,554.50		7,317.50	
MABEY WRIGHT & JAMES L L C	94,366.30			94,366.30	
PARSONS BEHLE & LATIMER	2,135.00			2,135.00	
RICHARDS BRANDT MILLER & NELSON	68,368.38			68,368.38	
SNOW CHRISTENSEN & MARTINEAU	72,388.20			72,388.20	
2019	302,424.25	3,818.00		306,242.25	
CLYDE SNOW SESSIONS & SWENSON	67,636.32			67,636.32	
HANSEN ALLEN & LUCE INC	145.88			145.88	
HOLLAND & HART L L P	774.50	3,818.00		4,592.50	
MABEY WRIGHT & JAMES L L C	80,005.89			80,005.89	
SNOW CHRISTENSEN & MARTINEAU	153,711.66			153,711.66	
(blank)	150.00			150.00	
2020	162,255.13	8,113.50	10,079.00	180,447.63	
CLYDE SNOW SESSIONS & SWENSON	31,517.18			31,517.18	
HOLLAND & HART L L P	24,219.50	8,113.50	10,079.00	42,412.00	
MABEY WRIGHT & JAMES L L C	46,084.70			46,084.70	
SNOW CHRISTENSEN & MARTINEAU	60,433.75			60,433.75	
2021	139,331.06		4,017.00	143,348.06	
CLYDE SNOW SESSIONS & SWENSON	4,726.92			4,726.92	
HOLLAND & HART L L P	88,684.24		4,017.00	92,701.24	
MABEY WRIGHT & JAMES L L C	18,974.90			18,974.90	
SNOW CHRISTENSEN & MARTINEAU	26,945.00			26,945.00	
Grand Total	958,439.47	17,486.00	14,096.00	990,021.47	