



SPECIAL CITY COUNCIL MEETING

August 28, 2024 at 3:00 PM

Angels Fire House – 1404 Vallecito Road

AGENDA

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In person public attendance will be available with limited seating. Seats are available on a first come, first served basis. Members of the public shall have the right to observe and offer public comment at the appropriate time.

CITY COUNCIL appreciates your interest and encourages your participation. Regularly scheduled meetings are held the 1st and 3rd Tuesday of each month. The Agenda is divided into two sections:

CONSENT AGENDA: These matters include routine financial and administration actions and are usually approved by a single majority vote.

REGULAR AGENDA: These items include significant financial and administration actions of special interest, hearings and work sessions. The numerical order of the items on this agenda is for convenience of reference. Items may be taken out of order upon request of the Mayor or Council Members. All questions shall be directed to the Mayor who, at his/her discretion, will refer to Staff.

Mayor Jennifer Herndon | **Vice Mayor** Isabel Moncada

Council Members Alvin Broglio, Michael Chimente, Caroline Schirato

Interim City Administrator Steve Williams | **City Attorney** Doug White

3:00 PM SPECIAL MEETING

- 1. ROLL CALL**
- 2. PLEDGE OF ALLEGIANCE**
- 3. APPROVAL OF THE AGENDA AS POSTED (OR AMENDED)**
- 4. PUBLIC COMMENT**

The public may address the Council on any item of public interest not otherwise on the agenda that is within the jurisdiction of the city. No action may be taken. Matters to be addressed may be referred to City Staff or placed on a subsequent meeting Agenda. Speakers are limited to five minutes per person.

- 5. REGULAR AGENDA**

A. Water Rate Study Presentation, Michelle Gonzalez, Finance Director with Contractor Bartell Wells

- 6. ADJOURNMENT**

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk at City Hall 209-736-2181. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to the meeting (28 CFR 35.102-35.104 ADA Title II) Materials related to an item on this Agenda submitted to the City Council after distribution of the Agenda packet are available for public inspection at City Hall at 200 Monte Verda Street Ste. B, Angels Camp, CA 95222 during normal business hours. The Agenda is also available on line at www.angelscamp.gov.



CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

DATE: August 28, 2024
TO: City Council
FROM: Michelle Gonzalez, Finance Director
RE: **WATER AND WASTEWATER RATE STUDY PRESENTED BY BARTLE WELLS RATE CONSULTANTS**

RECOMMENDATION:

Give direction to the rate consultant for the final report on the Water and Wastewater Rate Study.

BACKGROUND:

Proposition 218, also known as the “Right to Vote on Taxes Act,” was approved by California voters in 1996. It added Articles XIII C and XIII D to the California Constitution, significantly impacting local government finance, including water rates.

Local governments must obtain voter approval before imposing or increasing general taxes, special taxes, and assessments. Proposition 218 establishes specific procedures and requirements for the adoption and increase of property-related fees and charges, including water rates. Local governments must provide notice of proposed rate increases to all affected property owners. A public hearing must be held to discuss the proposed increases, providing an opportunity for property owners to voice their concerns.

DISCUSSION:

Bartle Wells has completed the recommendations that were previously given at the Water and Wastewater Rate Study on July 16, 2024. They have provided another presentation for Council. Once the report is final, they will mail the public notices and hold the public hearing no less than 45 days after the mailing of the notice.

FINANCIAL IMPACT:

Bartle Wells will present the options and how they impact the City financially.

ATTACHMENTS:

Bartle Wells Presentation





**Wastewater Tables Draft
8/27/2024**



BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

Table 1
City of Angels Camp - Draft 8/27/2024
Current Wastewater Rates

<u>Residential User Class</u>	<u>\$ / Dwelling Unit / Month</u>
Single Family	\$107.95
Mobile Home	107.95
Multi-Family	107.95

<u>Commercial & Industrial</u>	<u>\$ / Establishment / Month</u>
Commercial & Industrial	136.30

<u>Other Institutional</u>	<u>\$ / gallon , winter use</u>
Other Institutional	0.0208

<u>Six Mile Village</u>	<u>\$ / gallon</u>
Domestic-Strength	0.0144

Table 2
City of Angels Camp - Draft 8/27/2024
Sewer Summary

	2022/23	2023/24	2024/2025
	Est. Actuals	Budget	Draft Budget
Operating Revenues			
Sewer Service Fee - O&M	\$3,235,361	\$3,494,190	\$3,494,190
Sewer Connection Fee	45,000	0	0
Misc. Revenue	<u>(406)</u>	<u>0</u>	<u>0</u>
Total operating revenues	3,279,955	3,494,190	3,494,190
Non-Operating Revenues			
Interest Earnings	<u>96,516</u>	<u>120,000</u>	<u>122,400</u>
Total non-operating revenues	96,516	120,000	122,400
Operating Expenditures			
Personnel Costs ^[1]	480,738	461,953	611,316
Sewer UL	75,929	66,836	62,721
Utilities	272,775	302,000	226,417
Repairs & Maintenance	111,493	150,500	178,625
Tools & Equipment	6,926	11,000	10,000
Professional Services	100,793	174,200	173,805
Materials & Supplies	114,456	154,379	139,236
Other Services & Charges	112,439	190,600	188,200
O&M Cost Allocations	<u>158,083</u>	<u>150,000</u>	<u>200,000</u>
Total operating expenditures	1,433,632	1,661,468	1,790,320
Non-Operating Expenditures			
Vehicle Replacement	78,431	78,431	78,431
Debt Service	344,843	345,381	345,707
Capital	<u>66,521</u>	<u>2,595,000</u>	<u>2,045,000</u>
Total non-operating expenditures	489,795	3,018,812	2,469,138
Transfers			
Fund Transfer Out	626,302	0	0
Fund Transfer In	0	0	0
Total O&M	2,059,934	1,661,468	1,790,320
Total Sewer Enterprise Costs	2,549,729	4,680,280	4,259,458
Sewer Enterprise, Net	826,742	(1,066,090)	(642,868)

^[1] Includes all employee related costs including salaries, wages, benefits, insurances, and taxes.

Table 3
City of Angels Camp - Draft 8/27/2024
Wastewater CIP Plan

<u>Project Name & Description</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>	<u>2030/31</u>	<u>2031/32</u>	<u>2032/33</u>	<u>2033/34</u>	<u>2034/35</u>	<u>Totals</u>
WWTP 1 Emergency Storage Basin Improvements				\$275,000	\$275,000							\$550,000
WWTP 2 Grit Removal Systems		350,000	350,000									700,000
WWCS 1 & 2 Booster Way Sewerline	1,950,000	950,000										2,900,000
WWCS 3 Main Street Sewer Replacement			700,000									700,000
WWCS 4 Murphys Grade Rd Sewer Rehabilitation I & I Projects				380,000 300,000	380,000							760,000 300,000
Capital Projects	<u>95,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,000,000</u>	<u>1,050,000</u>	<u>1,103,000</u>	<u>1,158,000</u>	<u>1,216,000</u>	<u>1,277,000</u>	<u>6,899,000</u>
Total Sewer CIP	2,045,000	1,300,000	1,050,000	955,000	655,000	1,000,000	1,050,000	1,103,000	1,158,000	1,216,000	1,277,000	12,809,000

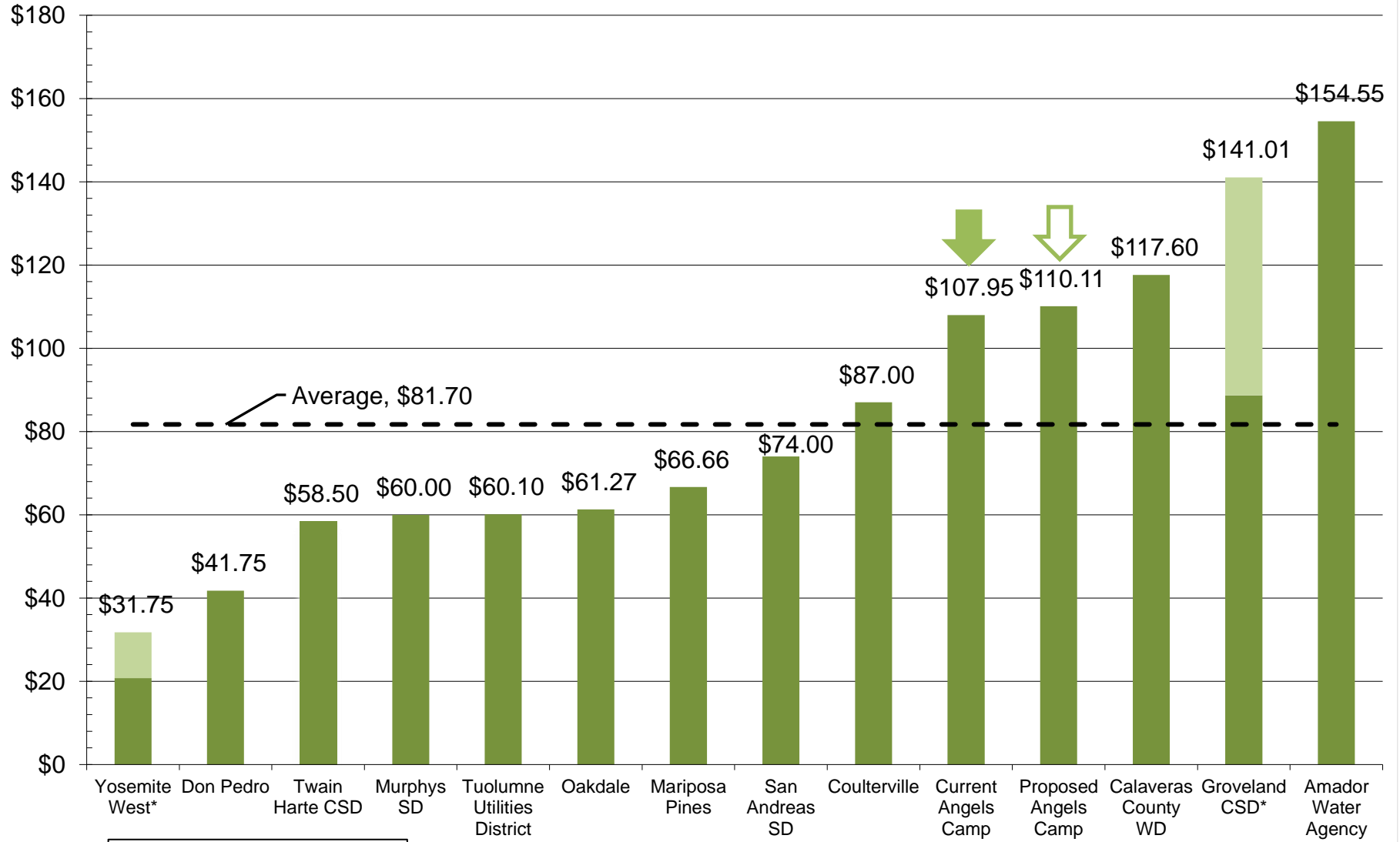
Table 4
City of Angels Camp - Draft 8/27/2024
Wastewater Cash Flow Projection

	Projected										
	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2032/34	2032/35
Beginning Fund Balance	\$5,830,442	\$5,280,531	\$5,531,513	\$6,534,449	\$7,104,499	\$7,953,053	\$8,431,815	\$8,751,536	\$8,914,773	\$9,236,990	\$9,373,603
% Rate Revenue Increase	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Growth - %	3.1%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Revenues											
Operating Revenue											
Sewer Service Fee - O&M	\$3,587,146	\$3,728,996	\$3,803,575	\$3,879,647	\$3,957,240	\$4,036,385	\$4,036,385	\$4,036,385	\$4,036,385	\$4,036,385	\$4,036,385
Sewer Connection Fee	0	0	0	0	0	0	0	0	0	0	0
Misc. Revenue	0	0	0	0	0	0	0	0	0	0	0
Interest Earnings	<u>122,400</u>	<u>126,072</u>	<u>129,854</u>	<u>133,750</u>	<u>137,762</u>	<u>141,895</u>	<u>146,152</u>	<u>150,537</u>	<u>155,053</u>	<u>159,704</u>	<u>164,495</u>
Total Operating Revenues	3,709,546	3,855,068	3,933,430	4,013,397	4,095,002	4,178,280	4,182,537	4,186,921	4,191,437	4,196,089	4,200,880
Non Operating Revenues											
Projected Loan (6%, 20 Years)	0	0	<u>566,500</u>	0	0	0	0	0	0	0	0
Total Non Operating Revenues	0	0	566,500	0	0	0	0	0	0	0	0
Total Revenues	3,709,546	3,855,068	4,499,930	4,013,397	4,095,002	4,178,280	4,182,537	4,186,921	4,191,437	4,196,089	4,200,880
Expenses											
Operating Expenses											
Personnel Costs	611,316	641,882	673,976	707,675	743,059	780,212	819,222	860,184	903,193	948,352	995,770
Sewer UL	62,721	65,857	69,150	72,607	76,237	80,049	84,052	88,254	92,667	97,300	102,165
Utilities	226,417	237,738	249,625	262,106	275,211	288,972	303,420	318,591	334,521	351,247	368,809
Repairs & Maintenance	178,625	187,556	196,934	206,781	217,120	227,976	239,375	251,343	263,910	277,106	290,961
Tools & Equipment	10,000	10,500	11,025	11,576	12,155	12,763	13,401	14,071	14,775	15,513	16,289
Professional Services	173,805	182,495	191,620	201,201	211,261	221,824	232,915	244,561	256,789	269,629	283,110
Materials & Supplies	139,236	146,198	153,507	161,183	169,242	177,704	186,589	195,919	205,715	216,000	226,800
Other Services & Charges	188,200	197,610	207,491	217,865	228,758	240,196	252,206	264,816	278,057	291,960	306,558
O&M Cost Allocations	<u>200,000</u>	<u>210,000</u>	<u>220,500</u>	<u>231,525</u>	<u>243,101</u>	<u>255,256</u>	<u>268,019</u>	<u>281,420</u>	<u>295,491</u>	<u>310,266</u>	<u>325,779</u>
Total Operating Expenses	1,790,320	1,879,836	1,973,828	2,072,519	2,176,145	2,284,952	2,399,200	2,519,160	2,645,118	2,777,374	2,916,242
Non Operating Expenses											
Vehicle Replacement	78,431	78,431	78,431	21,406	21,406	21,406	21,406	21,406	17,086	17,086	17,086
Projected Loan Debt Service			\$49,016	\$49,016	\$49,016	\$49,016	\$49,016	\$49,016	\$49,016	\$49,016	\$49,016
Existing Debt Service	345,707	345,818	345,718	345,406	344,881	344,144	343,193	331,102	0	0	0
Capital	<u>2,045,000</u>	<u>1,300,000</u>	<u>1,050,000</u>	<u>955,000</u>	<u>655,000</u>	<u>1,000,000</u>	<u>1,050,000</u>	<u>1,103,000</u>	<u>1,158,000</u>	<u>1,216,000</u>	<u>1,277,000</u>
Total Non Operating Expenses	2,469,138	1,724,249	1,523,166	1,370,828	1,070,303	1,414,566	1,463,616	1,504,525	1,224,102	1,282,102	1,343,102
Total Expenses	4,259,458	3,604,085	3,496,993	3,443,347	3,246,448	3,699,518	3,862,815	4,023,684	3,869,220	4,059,476	4,259,345
Net Revenues for Debt Service / Capital	1,919,226	1,975,232	2,526,102	1,940,878	1,918,857	1,893,328	1,783,337	1,667,761	1,546,320	1,418,715	1,284,638
Net Income	(549,911)	250,982	1,002,936	570,050	848,554	478,762	319,721	163,237	322,217	136,613	(58,465)
Ending Fund Balance	5,280,531	5,531,513	6,534,449	7,104,499	7,953,053	8,431,815	8,751,536	8,914,773	9,236,990	9,373,603	9,315,138
Total Unrestricted Fund Target (25% O&M)											
Target Met	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Debt Service Coverage (Min. 1.3x)	5.6	5.7	6.4	4.9	4.9	4.8	4.5	4.4	31.5	28.9	26.2
Target Met	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

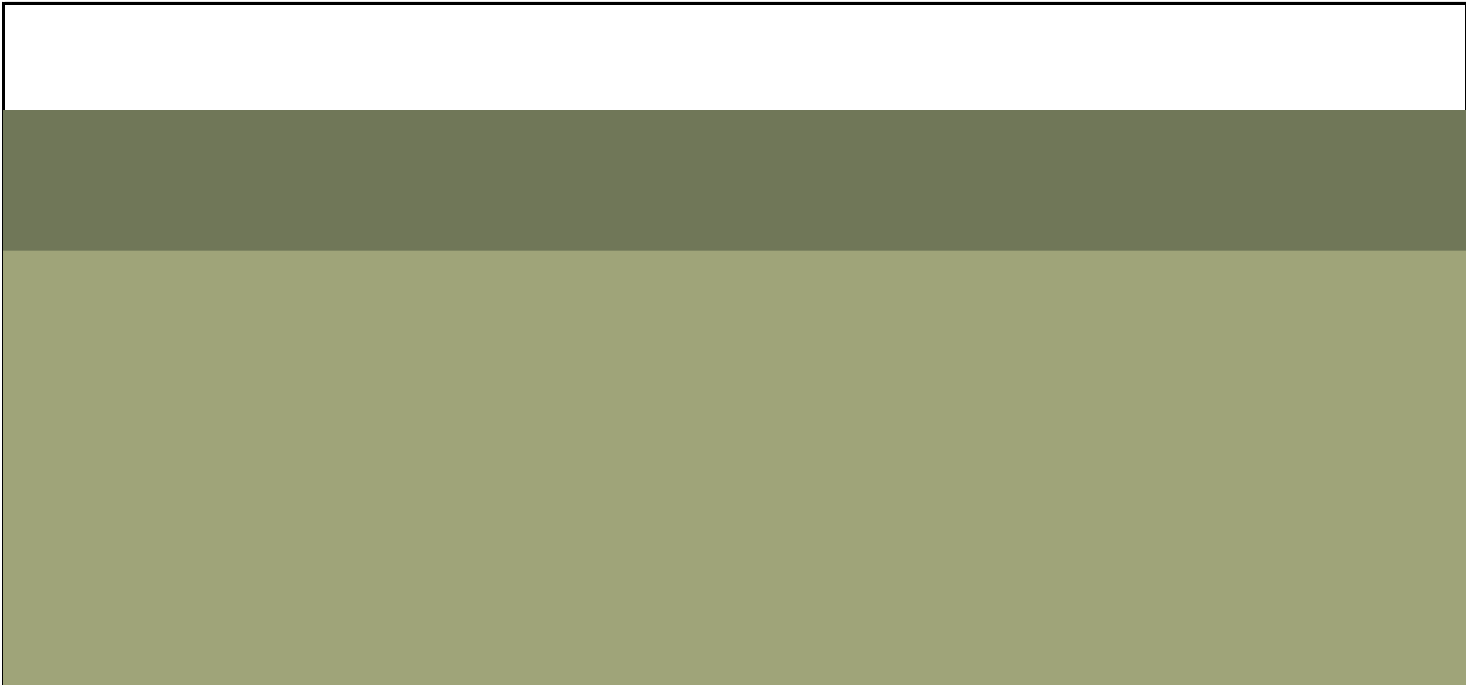
**Table 5
City of Angels Camp - Draft 8/27/2024
Proposed Wastewater Rates**

		Fiscal Year	2025/26	2026/27	2027/28	2028/29	2029/30	
		Effective Date	7/1/2025	7/1/2026	7/1/2027	7/1/2028	7/1/2029	
		Proposed Increase	2.0%	2.0%	2.0%	2.0%	2.0%	
User Class	Current Rates	Proposed Monthly Fixed Rate						
<u>Residential</u>	\$/month							
Single Family, Mobile Home, Multi-Family	\$107.95	\$110.11	\$112.31	\$114.56	\$116.85	\$119.19		
	\$/gallon							
Six Mile Village - Residential	0.0144	110.11	112.31	114.56	116.85	119.19		
<u>Non - Residential</u> ¹		Proposed Volumetric Rate (\$ / gallon, winter use)						
Commercial & Industrial	\$ / Establishment 136.30	0.0212	0.0216	0.0220	0.0224	0.0228		
Other Institutional	\$/gallon, winter use 0.0208	0.0212	0.0216	0.0220	0.0224	0.0228		
Six Mile Village - Non Residential	\$/gallon 0.0144	0.0212	0.0216	0.0220	0.0224	0.0228		
¹ Minimum Wastewater Charges (\$/ month)		139.03	141.81	144.65	147.54	150.49		

Single Family Residential Monthly Wastewater Rate Survey (January 2024)



*Assumes 6 hcf winter



CITY OF ANGELS CAMP

FOUNDED 1848 - EST 1912



**Water Tables Draft
8/27/2024**



BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

Table 2
City of Angels Camp - Draft 8/27/2024
Current Rate Revenue

Meter Size	Number of Customers	Monthly Meter Rate	Monthly Meter Revenue	Current Meter Cost Ratio	5/8" Meter Equivalents	Monthly UWPA Rate	Monthly Meter Passthrough
5/8"	1,656	\$46.93	\$77,716.08	1	1,656	\$13.91	\$23,034.96
3/4"	36	70.40	2,534.40	1.5	54	20.86	750.96
1"	59	117.33	6,922.47	2.5	148	34.77	2,051.43
1 1/2"	21	234.65	4,927.65	5	105	69.55	1,460.55
2"	35	375.44	13,140.40	8	280	111.27	3,894.45
3"	8	703.95	5,631.60	15	120	208.64	1,669.12
4"	1	1,173.25	1,173.25	25	25	347.73	347.73
6"	1	2,346.51	2,346.51	50	50	695.46	695.46
Construction Meter	<u>3</u>	70.40	<u>211.20</u>	1.5	<u>5</u>	20.86	<u>62.58</u>
	1,820		\$114,603.56		2,442		\$33,967.24

Current Water Rate Revenue Estimate

Total Annual Rate Revenue	\$1,926,235	100%
Annual Meter Revenue	1,375,243	71%
Annual Volumetric Rate Revenue	550,992	29%
Total Use (HCF)	326,031	
\$/hcf	\$1.69	
Annual UWPA Passthrough	\$407,607	

Table 3
City of Angels Camp - Draft 8/27/2024
Water Summary

	2022/23	2023/24	2024/25
	Est. Actuals	Budget	Budget Draft
Revenues			
Operating Revenues			
Water Meter Fee	\$1,303,912	\$1,408,225	\$1,375,243
Water Rate Revenue	508,608	549,297	550,992
Water Connection Fee	41,000	0	0
Utica Water and Power Contribution	450,219	407,607	370,000
Misc. Revenue	<u>68,737</u>	<u>28,600</u>	<u>28,600</u>
Total operating revenues	2,372,476	2,393,728	2,324,835
Non-Operating Revenues			
Interest Earnings	<u>33,000</u>	<u>34,000</u>	<u>34,000</u>
Total non-operating revenues	33,000	34,000	34,000
Expenditures			
Operating Expenditures			
Personnel Costs ^[1]	517,343	566,221	642,162
Water UL	83,414	98,943	88,889
Utica Water and Power Contribution	450,219	407,607	370,000
Utilities	40,458	46,400	35,690
Repairs & Maintenance	19,593	76,500	60,500
Tools & Equipment	1,542	6,000	6,000
Professional Services	58,489	142,300	214,700
Materials & Supplies	51,638	77,139	91,357
Other Services & Charges	68,920	131,750	130,825
O&M Cost Allocations	<u>92,067</u>	<u>150,000</u>	<u>150,000</u>
Total operating expenditures	1,383,683	1,702,860	1,790,122
Non-Operating Expenditures			
Vehicle Replacement Set Aside	63,886	63,886	63,886
Debt Service	33,161	37,234	0
Capital Improvement Projects	<u>87,262</u>	<u>2,165,000</u>	<u>2,402,000</u>
Total non-operating expenditures	184,309	2,266,120	2,465,886
Water Enterprise, Net	837,484	(1,541,251)	(1,897,173)

^[1] Includes all employee related costs including salaries, wages, benefits, insurances, and taxes.

Table 4
City of Angels Camp - Draft 8/27/2024
Water CIP Plan

Project Name & Description	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	Totals
WTP 1 & 2												
Backwash Handling Improvements		\$3,330,000	\$3,330,000									\$6,660,000
Treated Water Transmission Main Replacement				2,180,000								2,180,000
WTM 1 & 2												
SR-49 Transmission Main Upgrade				1,015,000								1,015,000
Murphys Grade Rd Transmission Main Upgrade					2,300,000							2,300,000
WDP 1, 2, & 3												
Mark Twain Road Water System Improvements	680,000											680,000
Hillcrest, Gold Cliff, McCauley Ranch Rd Water System Improvements	590,000											590,000
Pressure Relief Valve Replacement	980,000											980,000
Automatic Meter Reading Project	152,000	152,000	152,000	152,000	152,000							760,000
Capital Projects							<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>3,000,000</u>
Total	2,402,000	3,482,000	3,482,000	3,347,000	2,452,000	500,000	500,000	500,000	500,000	500,000	500,000	18,165,000

Table 5
City of Angels Camp - Draft 8/27/2024
Cost Allocation

	2023/24		Meter Charge		Usage Charge
Operating Expenses					
Personnel Costs	\$566,221	70%	\$397,793	30%	\$168,428
Water UL	98,943	70%	69,511	30%	29,432
Utilities	46,400	70%	32,598	30%	13,802
Repairs & Maintenance	76,500	70%	53,744	30%	22,756
Tools & Equipment	6,000	70%	4,215	30%	1,785
Professional Services	142,300	70%	99,971	30%	42,329
Materials & Supplies	77,139	70%	54,193	30%	22,946
Other Services & Charges	131,750	70%	92,560	30%	39,190
O&M Cost Allocations	<u>150,000</u>	70%	<u>105,381</u>	30%	<u>44,619</u>
Total Operating Expenses	1,295,253		909,967		385,286
Non Operating Expenses					
Vehicle Replacement Set Aside	63,886	70%	44,882	30%	19,004
Debt Service	37,234	70%	26,158	30%	11,076
Capital Improvement Projects	<u>2,165,000</u>	70%	<u>1,520,999</u>	30%	<u>644,001</u>
Total Non Operating Expenses	2,266,120		1,592,039		674,081
Total Expenses	3,561,373		2,502,006		1,059,367
Adjustments					
Less: Non Rate Revenue	62,600	70%	43,979	30%	18,621
Less: Use of Reserves	<u>1,541,251</u>	70%	<u>1,082,790</u>	30%	<u>458,461</u>
Total Adjustments	1,603,851		1,126,769		477,082
Angel's Camp Revenue Requirements	\$1,957,522	70%	\$1,375,237	30%	\$582,285

Table 6
City of Angels Camp - Draft 8/27/2024
Utica Passthrough Allocation

Utica Passthrough Expenses	2023/24	Meter Charge	Usage Charge
Utica Water and Power Contribution	<u>\$407,607</u>	100% <u>\$407,607</u>	0% <u>\$0</u>
Total passthrough Expenses	407,607	407,607	0
Utica Passthrough Revenue Requirements	407,607	407,607	0

Table 7
City of Angels Camp - Draft 8/27/2024
Meter Cost Allocation - FY 2023/24

Meter Charge Allocation	\$1,375,237
5/8" AWWA Meter Equivalents	<u>2,442</u>
Annual \$ per 5/8" Meter Equivalent	\$563.16

Monthly \$/per 5/8" Meter Equivalent	\$46.93
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Meter Size	AWWA Meter Ratio	Current	Proposed
5/8"	1	\$46.93	\$46.93
3/4"	1.5	70.40	70.40
1"	2.5	117.33	117.33
1 1/2"	5	234.65	234.65
2"	8	375.44	375.44
3"	15	703.95	703.95
4"	25	1,173.25	1,173.25
6"	50	2,346.51	2,346.50

Table 8
City of Angels Camp - Draft 8/27/2024
Utica Passthrough Allocation - FY 2023/24

Meter Charge Allocation	\$407,607
5/8" AWWA Meter Equivalents	<u>2,442</u>
Annual \$ per 5/8" Meter Equivalent	\$166.92
Monthly \$/per 5/8" Meter Equivalent	\$13.91

Meter Size	AWWA Meter Ratio	Current	Proposed
5/8"	1	\$13.91	\$13.91
3/4"	1.5	20.86	20.86
1"	2.5	34.77	34.77
1 1/2"	5	69.55	69.55
2"	8	111.27	111.28
3"	15	208.64	208.64
4"	25	347.73	347.74
6"	50	695.46	695.48

Table 9
City of Angels Camp - Draft 8/27/2024
UWPA Charge Meter Cost Allocation

Water Year 3		2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35
Utica Water And Power Contribution		\$407,607	\$370,000	\$407,000	\$447,700	\$492,470	\$541,717	\$568,803	\$597,243	\$627,105	\$658,460	\$691,383	\$725,953
Growth			65	42	0	0	0	0	0	0	0	0	0
Projected 5/8" Meter Equivalents		2,442	2,507	2,549	2,549	2,549	2,549	2,549	2,549	2,549	2,549	2,549	2,549
Meter Size	AWWA* Meter Ratio												
5/8"	1	\$13.91	\$13.91	\$14.78	\$15.70	\$16.67	\$17.71	\$18.60	\$19.53	\$20.50	\$21.53	\$22.60	\$23.73
3/4"	1.5	20.86	20.86	22.16	23.54	25.01	26.57	27.89	29.29	30.75	32.29	33.90	35.60
1"	2.5	34.77	34.77	36.94	39.24	41.68	44.28	46.49	48.81	51.25	53.82	56.51	59.33
1 1/2"	5	69.55	69.55	73.88	78.48	83.36	88.55	92.98	97.63	102.51	107.63	113.02	118.67
2"	8	111.28	111.28	118.20	125.56	133.38	141.68	148.76	156.20	164.01	172.21	180.82	189.87
3"	15	208.64	208.64	221.63	235.43	250.08	265.65	278.93	292.88	307.53	322.90	339.05	356.00
4"	25	347.74	347.74	369.39	392.38	416.81	442.75	464.89	488.14	512.54	538.17	565.08	593.33
6"	50	695.48	695.48	738.77	784.76	833.61	885.51	929.78	976.27	1,025.08	1,076.34	1,130.15	1,186.66
Construction Meter	1.5	20.86	20.86	22.16	23.54	25.01	26.57	27.89	29.29	30.75	32.29	33.90	35.60
Projected UWPA Passthrough Fees		407,607	418,456	451,952	480,086	509,971	541,717	568,803	597,243	627,105	658,460	691,383	725,953

Table 10
City of Angels Camp - Draft 8/27/2024
Water Cash Flow Projection with Phased In Passthrough Contributions

	Projected										
	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35
Beginning Fund Balance	\$7,559,047	\$5,710,330	\$6,109,148	\$6,482,412	\$3,746,948	\$1,832,102	\$1,850,225	\$1,847,020	\$1,820,035	\$1,767,973	\$1,686,724
% Rate Revenue Increase	0.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Growth - %	2.7%	1.7%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
REVENUES											
Water Rate Revenue											
Water Service Charges	\$1,926,235	\$2,017,261	\$2,077,778	\$2,140,112	\$2,204,315	\$2,270,445	\$2,338,558	\$2,408,715	\$2,480,976	\$2,555,405	\$2,632,068
UWPA Charges	<u>418,456</u>	<u>451,952</u>	<u>480,086</u>	<u>509,971</u>	<u>541,717</u>	<u>568,803</u>	<u>597,243</u>	<u>627,105</u>	<u>658,460</u>	<u>691,383</u>	<u>725,953</u>
Total Rate Revenues	2,344,691	2,469,213	2,557,865	2,650,083	2,746,032	2,839,248	2,935,801	3,035,820	3,139,437	3,246,789	3,358,020
Misc Operating Revenues											
Water Connection Fees	0	0	0	0	0	0	0	0	0	0	0
Misc. Revenue ¹	28,600	3,338,600	3,338,600	68,600	28,600	28,600	28,600	28,600	28,600	28,600	28,600
Interest	<u>34,000</u>	<u>35,020</u>	<u>36,071</u>	<u>37,153</u>	<u>38,267</u>	<u>39,415</u>	<u>40,598</u>	<u>41,816</u>	<u>43,070</u>	<u>44,362</u>	<u>45,693</u>
Total Misc Operating Revenues	62,600	3,373,620	3,374,671	105,753	66,867	68,015	69,198	70,416	71,670	72,962	74,293
Total Revenues	2,407,291	5,842,833	5,932,535	2,755,836	2,812,899	2,907,263	3,004,999	3,106,236	3,211,107	3,319,751	3,432,313
EXPENSES											
Operating Expenses											
Personnel Costs	642,162	674,270	707,983	743,382	780,551	819,579	860,558	903,586	948,765	996,203	1,046,013
Water UL	88,889	93,333	98,000	102,900	108,045	113,447	119,120	125,076	131,330	137,896	144,791
Utica Water and Power Contribution	370,000	407,000	447,700	492,470	541,717	568,803	597,243	627,105	658,460	691,383	725,953
Utilities	35,690	37,475	39,348	41,316	43,381	45,550	47,828	50,219	52,730	55,367	58,135
Repairs & Maintenance	60,500	63,525	66,701	70,036	73,538	77,215	81,076	85,130	89,386	93,855	98,548
Tools & Equipment	6,000	6,300	6,615	6,946	7,293	7,658	8,041	8,443	8,865	9,308	9,773
Professional Services	214,700	225,435	236,707	248,542	260,969	274,018	287,719	302,104	317,210	333,070	349,724
Materials & Supplies	91,357	95,925	100,721	105,757	111,045	116,597	122,427	128,548	134,976	141,724	148,811
Other Services & Charges	130,825	137,366	144,235	151,446	159,019	166,970	175,318	184,084	193,288	202,953	213,100
O&M Cost Allocations	<u>150,000</u>	<u>157,500</u>	<u>165,375</u>	<u>173,644</u>	<u>182,326</u>	<u>191,442</u>	<u>201,014</u>	<u>211,065</u>	<u>221,618</u>	<u>232,699</u>	<u>244,334</u>
Total Operating Expenses	1,790,122	1,898,128	2,013,385	2,136,439	2,267,884	2,381,279	2,500,343	2,625,360	2,756,628	2,894,459	3,039,182
Non Operating Expenses											
Vehicle Replacement Set Aside	63,886	63,886	63,886	7,861	7,861	7,861	7,861	7,861	6,541	6,541	6,541
Projected Loan Debt Service				0	0	0	0	0	0	0	0
Existing Debt Service	0	0	0	0	0	0	0	0	0	0	0
Capital Improvement Projects	<u>2,402,000</u>	<u>3,482,000</u>	<u>3,482,000</u>	<u>3,347,000</u>	<u>2,452,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>
Total Non Operating Expenses	2,465,886	3,545,886	3,545,886	3,354,861	2,459,861	507,861	507,861	507,861	506,541	506,541	506,541
Total Expenses	4,256,008	5,444,014	5,559,271	5,491,300	4,727,745	2,889,140	3,008,204	3,133,221	3,263,169	3,401,000	3,545,723
Net Revenues for Debt Service/Capital	617,169	3,944,704	3,919,150	619,397	545,015	525,984	504,656	480,876	454,479	425,292	393,131
Net Income	(1,848,717)	398,818	373,264	(2,735,464)	(1,914,846)	18,123	(3,205)	(26,985)	(52,062)	(81,249)	(113,410)
Ending Fund Balance	5,710,330	6,109,148	6,482,412	3,746,948	1,832,102	1,850,225	1,847,020	1,820,035	1,767,973	1,686,724	1,573,315
Total Unrestricted Fund Target (25% O&M)											
Target Met	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Debt Service Coverage (Minimum 1.20x)											
Target Met	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

1 - Connection Fees, Inspections, Water Meter Charge, Utility Processing Fee, Door Hanger Fee, Restoration Fee, Utility Late Fee, Other

Table 11
City of Angels Camp - Draft 8/27/2024
Proposed Water Service Rates

Water Year 3 (Average Contribution)

			Fiscal Year	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
			Effective Date	7/1/2024	7/1/2025	7/1/2026	7/1/2027	7/1/2028	7/1/2029
			Proposed Increase	0.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Monthly Use			Current Rate	Proposed Monthly Volumetric Rate					
All use, \$/hcf			\$1.69	\$1.69	\$1.74	\$1.79	\$1.84	\$1.90	\$1.96
Meter Size	Meter Cost Ratio	Current Meter Rates	Proposed Monthly Fixed Rates						
5/8"	1	46.93	46.93	48.34	49.79	51.28	52.82	54.40	
3/4"	1.5	70.40	70.40	72.51	74.69	76.92	79.23	81.60	
1"	2.5	117.33	117.33	120.85	124.48	128.20	132.05	136.00	
1 1/2"	5	234.65	234.65	241.70	248.95	256.40	264.10	272.00	
2"	8	375.44	375.44	386.72	398.32	410.24	422.56	435.20	
3"	15	703.95	703.95	725.10	746.85	769.20	792.30	816.00	
4"	25	1,173.25	1,173.25	1,208.50	1,244.75	1,282.00	1,320.50	1,360.00	
6"	50	2,346.51	2,346.50	2,417.00	2,489.50	2,564.00	2,641.00	2,720.00	
Construction Meter	1.5	70.40	70.40	72.51	74.69	76.92	79.23	81.60	

**Table 12
City of Angels Camp - Draft 8/27/2024
Phased In UWPA Passthrough**

Water Year 3 (Average Contribution)

			Fiscal Year	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
			Effective Date	7/1/2024	7/1/2025	7/1/2026	7/1/2027	7/1/2028	7/1/2029
			Proposed Increase	0.00%	6.22%	6.22%	6.22%	6.22%	5.00%
Meter Size	Meter Cost Ratio	Current UWPA Passthrough Fee	Proposed Monthly Fixed Rates						
5/8"	1	\$13.91	\$13.91	\$14.78	\$15.70	\$16.67	\$17.71	\$18.60	
3/4"	1.5	20.86	20.86	22.16	23.54	25.01	26.57	27.89	
1"	2.5	34.77	34.77	36.94	39.24	41.68	44.28	46.49	
1 1/2"	5	69.55	69.55	73.88	78.48	83.36	88.55	92.98	
2"	8	111.27	111.28	118.20	125.56	133.38	141.68	148.76	
3"	15	208.64	208.64	221.63	235.43	250.08	265.65	278.93	
4"	25	347.73	347.74	369.39	392.38	416.81	442.75	464.89	
6"	50	695.46	695.48	738.77	784.76	833.61	885.51	929.78	
Construction Meter	1.5	20.86	20.86	22.16	23.54	25.01	26.57	27.89	

Table 13
City of Angels Camp - Draft 8/27/2024
Phased In Bill Impacts

Water Year 3 (Average Contribution)

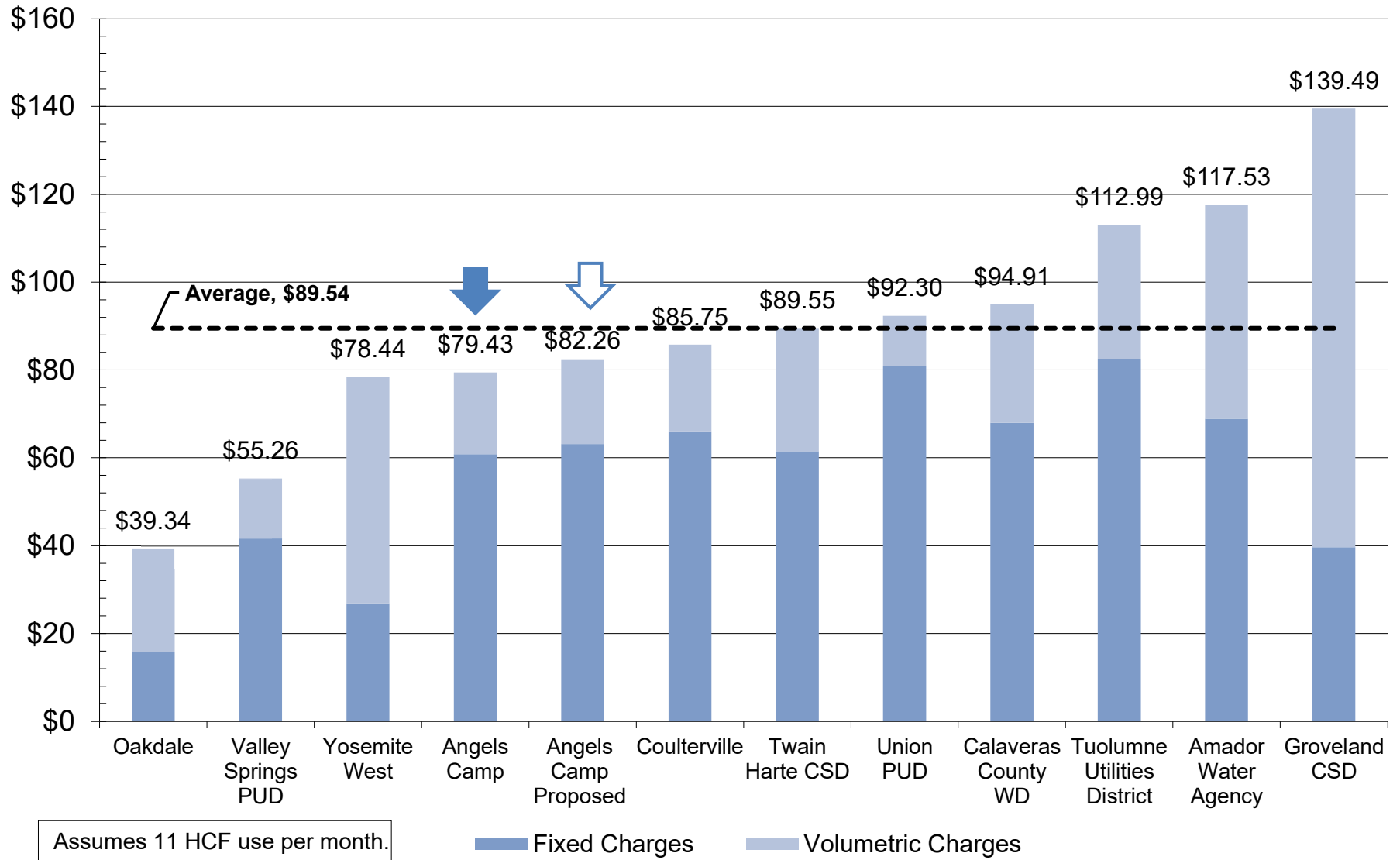
Monthly Use		Current Rates	2024/25		2025/26		2026/27		2027/28		2028/29		2029/30		
All use, \$/hcf		\$1.69	\$1.69		\$1.74		\$1.79		\$1.84		\$1.90		\$1.96		
Meter Size	Meter Cost Ratio	Meter Rates	UWPA Fees	Meter Charge	UWPA Fees	Meter Charge	UWPA Fees	Meter Charge	UWPA Fees	Meter Charge	UWPA Fees	Meter Charge	UWPA Fees	Meter Charge	UWPA Fees
5/8"	1	\$46.93	\$13.91	\$46.93	\$13.91	\$48.34	\$14.78	\$49.79	\$15.70	\$51.28	\$16.67	\$52.82	\$17.71	\$54.40	\$18.60
3/4"	1.5	70.40	20.86	70.40	20.86	72.51	22.16	74.69	23.54	76.92	25.01	79.23	26.57	81.60	27.89
1"	2.5	117.33	34.77	117.33	34.77	120.85	36.94	124.48	39.24	128.20	41.68	132.05	44.28	136.00	46.49
1 1/2"	5	234.65	69.55	234.65	69.55	241.70	73.88	248.95	78.48	256.40	83.36	264.10	88.55	272.00	92.98
2"	8	375.44	111.27	375.44	111.28	386.72	118.20	398.32	125.56	410.24	133.38	422.56	141.68	435.20	148.76
3"	15	703.95	208.64	703.95	208.64	725.10	221.63	746.85	235.43	769.20	250.08	792.30	265.65	816.00	278.93
4"	25	1,173.25	347.73	1,173.25	347.74	1,208.50	369.39	1,244.75	392.38	1,282.00	416.81	1,320.50	442.75	1,360.00	464.89
6"	50	2,346.51	695.46	2,346.50	695.48	2,417.00	738.77	2,489.50	784.76	2,564.00	833.61	2,641.00	885.51	2,720.00	929.78
Construction meter	1.5	70.40	20.86	70.40	20.86	72.51	22.16	74.69	23.54	76.92	25.01	79.23	26.57	81.60	27.89

**Table 14
City of Angels Camp
Phased In Monthly Bill Impacts - Single Family Residential**

Single Family Residential - 5/8" Meter

Monthly Use	hcf	Current Billing	Projected 2024/25	Projected 2025/26	Projected 2026/27	Projected 2027/28	Projected 2028/29	Projected 2029/30
Low	7	\$72.67	\$72.67	\$75.30	\$78.02	\$80.83	\$83.83	\$86.72
Average	11	79.43	79.43	82.26	85.18	88.19	91.43	94.56
Moderate	15	86.19	86.19	89.22	92.34	95.55	99.03	102.40
High	40	128.44	128.44	132.72	137.09	141.55	146.53	151.40

Single Family Residential Monthly Water Rate Survey (January 2024)



Water and Sewer Rate Study Update



Presentation Overview



Water Study Updates



Water Bill Impacts & Rate Survey



Wastewater Bill Impacts & Rate Survey



Combined Bill Impacts & Rate Survey

Water Study Updates

Water Rates

- ✓ No rate increases for current fiscal year 2024/2025.
- ✓ Recommended rate increases shall not exceed 3% per year. (Previously was 5%).
- ✓ Use of reserve funds to help meet projected capital costs instead of debt.

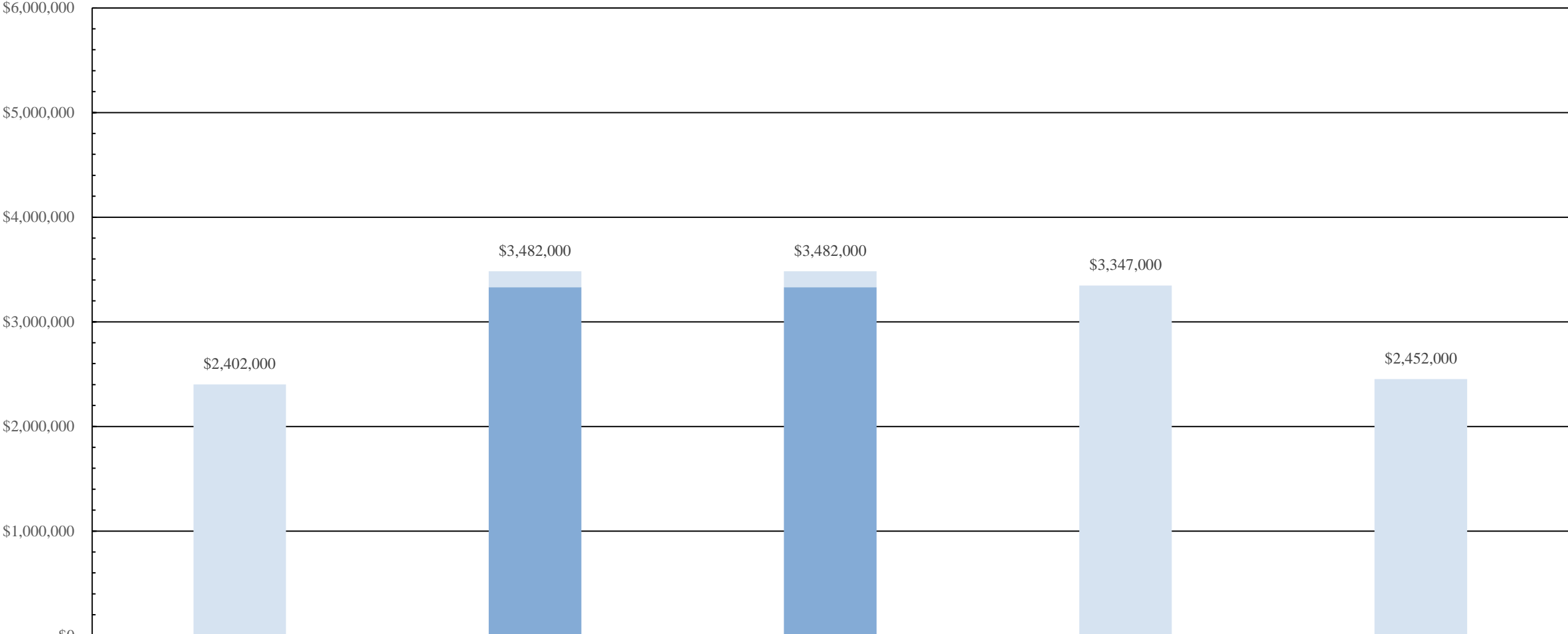
UWPA Passthrough

- ✓ No rate increases for current fiscal year 2024/2025.
- ✓ Recommended passthrough increases shall be phased in and not to exceed 6.22% per year.

Optional: Establish reserves at \$250,000.

To comply with Proposition 218, the funds would need to be applied as a reduction to future rates rather than paid out as a refund.

5-Year Water CIP Funding Sources



	2024/25	2025/26	2026/27	2027/28	2028/29
Pay Go	\$2,402,000	\$152,000	\$152,000	\$3,347,000	\$2,452,000
Grants	\$0	\$3,330,000	\$3,330,000	\$0	\$0
Debt	\$0	\$0	\$0	\$0	\$0
Totals	\$2,402,000	\$3,482,000	\$3,482,000	\$3,347,000	\$2,452,000



Proposed Monthly Water Rates

		Proposed 2025/26	Proposed 2026/27	Proposed 2027/28	Proposed 2028/29	Proposed 2029/30
	Proposed % Increase	3%	3%	3%	3%	3%
All Water Users	Current Volumetric Rate					
All Use, \$/hcf	\$1.69	\$1.74	\$1.79	\$1.84	\$1.90	\$1.96
Meter Size	Current Meter Rate					
5/8"	\$46.93	\$48.34	\$49.79	\$51.28	\$52.82	\$54.40
3/4"	\$70.40	\$72.51	\$74.69	\$76.92	\$79.23	\$81.60
1"	\$117.33	\$120.85	\$124.48	\$128.20	\$132.05	\$136.00
1 1/2"	\$234.65	\$241.70	\$248.95	\$256.40	\$264.10	\$272.00
2"	\$375.44	\$386.72	\$398.32	\$410.24	\$422.56	\$435.20
3"	\$703.95	\$725.10	\$746.85	\$769.20	\$792.30	\$816.00
4"	\$1,173.25	\$1,208.50	\$1,244.75	\$1,282.00	\$1,320.50	\$1,360.00
6"	\$2,346.51	\$2,417.00	\$2,489.50	\$2,564.00	\$2,641.00	\$2,720.00
Construction Meter	\$70.40	\$72.51	\$74.69	\$76.92	\$79.23	\$81.60

Proposed Phased In Monthly UWPA Charges

		Proposed 2024/25	Proposed 2025/26	Proposed 2026/27	Proposed 2027/28	Proposed 2028/29
	Proposed Phase-In %	0.00%	6.22%	6.22%	6.22%	6.22%
Meter Size	Current UWPA Rates					
5/8"	\$13.91	\$13.91	\$14.78	\$15.70	\$16.67	\$17.71
3/4"	\$20.86	\$20.86	\$22.16	\$23.54	\$25.01	\$26.57
1"	\$34.77	\$34.77	\$36.94	\$39.24	\$41.68	\$44.28
1 1/2"	\$69.55	\$69.55	\$73.88	\$78.48	\$83.36	\$88.55
2"	\$111.27	\$111.28	\$118.20	\$125.56	\$133.38	\$141.68
3"	\$208.64	\$208.64	\$221.63	\$235.43	\$250.08	\$265.65
4"	\$347.73	\$347.74	\$369.39	\$392.38	\$416.81	\$442.75
6"	\$695.46	\$695.48	\$738.77	\$784.76	\$833.61	\$885.51
Construction Meter	\$20.86	\$20.86	\$22.16	\$23.54	\$25.01	\$26.57

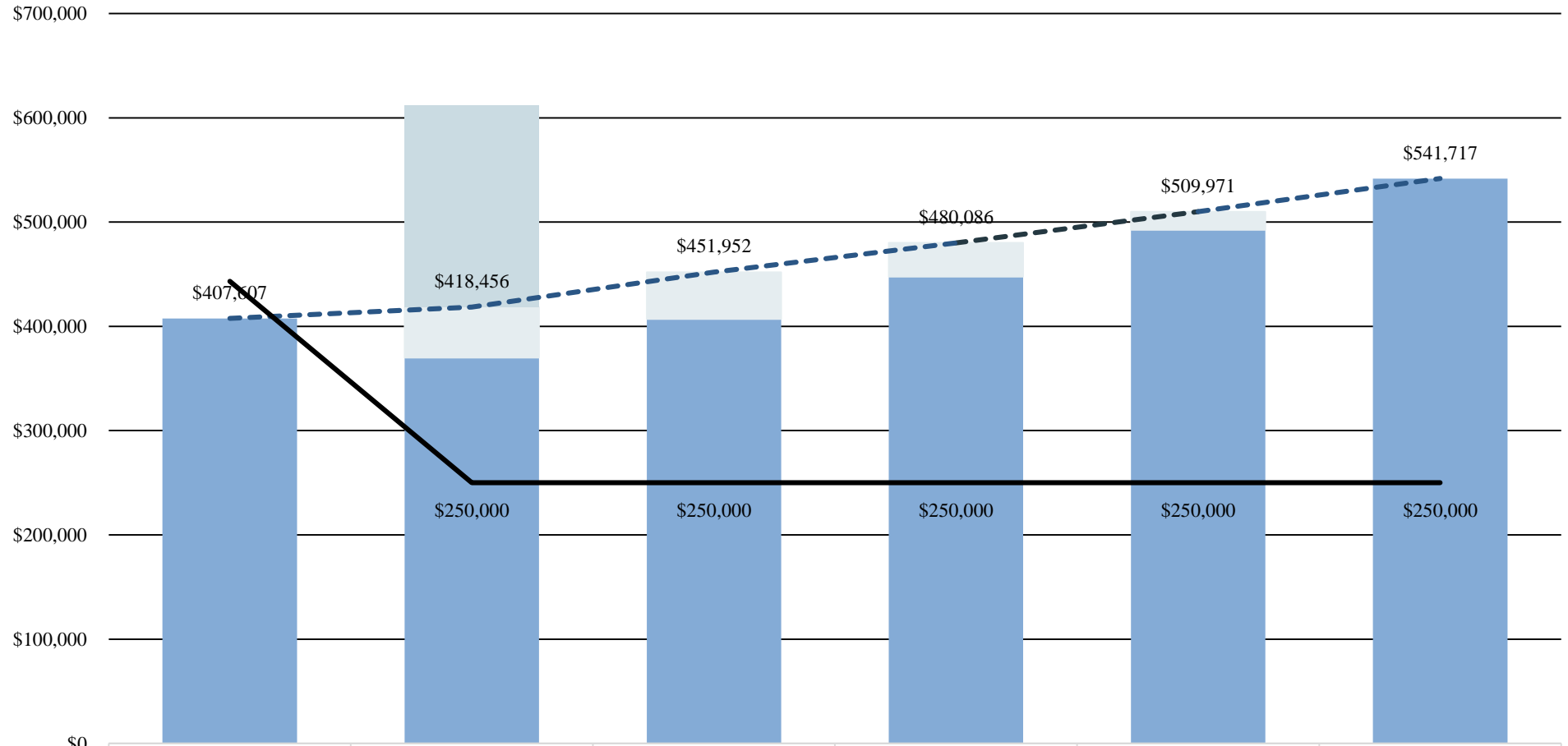


Summary of Charges: UWPA Passthrough Costs

	Fiscal Year	2024/25	2025/26	2026/27	2027/28	2028/29
Projected 5/8” Meter Equivalents		2,507	2,549	2,549	2,549	2,549
Projected UWPA	Estimated	Proposed	Proposed	Proposed	Proposed	Proposed
Proposed Phase-In %		0.00%	6.22%	6.22%	6.22%	6.22%
Annual Passthrough Fees		\$418,456	\$451,952	\$480,086	\$509,971	\$541,717
Annual Contribution		<u>\$370,000</u>	<u>\$407,000</u>	<u>\$447,700</u>	<u>\$492,470</u>	<u>\$541,717</u>
Change to Reserves		\$48,456	\$44,952	\$32,386	\$17,501	\$0.00
Beginning Reserve Balance*	\$443,118					

* Reserve balance is estimated balance at June 30, 2024.

UWPA Passthrough Charges and Annual Contributions



	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Current reserves available for use	\$0	\$193,118	\$0	\$0	\$0	\$0
Projected annual reserves eligible for use	\$0	\$48,456	\$44,952	\$32,386	\$17,501	\$0
Utica Water And Power Contribution	\$407,607	\$370,000	\$407,000	\$447,700	\$492,470	\$541,717
Projected UWPA Passthrough Fees	\$407,607	\$418,456	\$451,952	\$480,086	\$509,971	\$541,717
Ending Reserve Balances Fund 241	\$443,118	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000



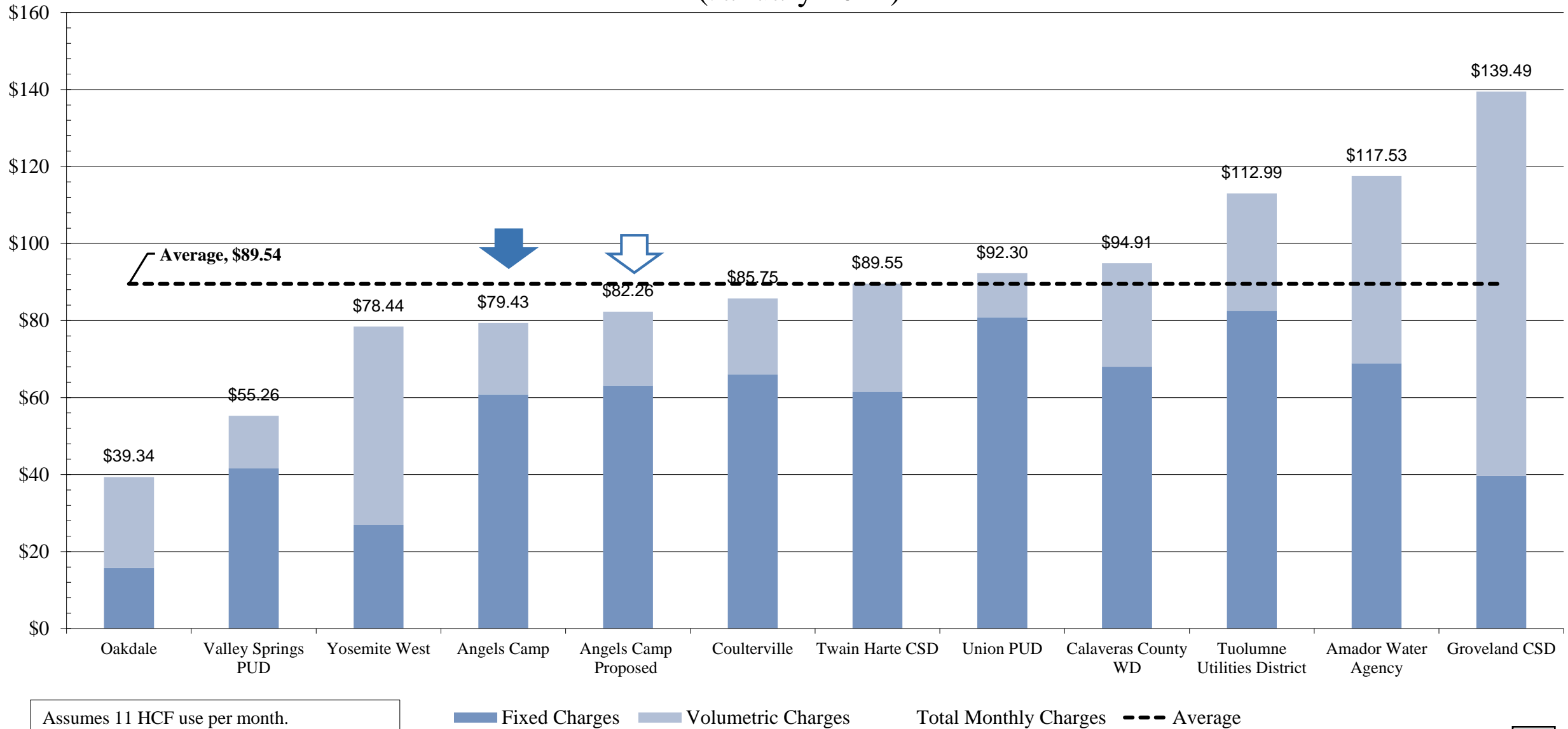
Single Family Home Monthly Bill Impacts

Average Residential User

	Current Rate	Proposed 2025/26	Proposed 2026/27	Proposed 2027/28	Proposed 2028/29	Proposed 2029/30
Fixed Meter Charge	\$46.93	\$48.34	\$49.79	\$51.28	\$52.82	\$54.40
UWPA	\$13.91	\$14.78	\$15.70	\$16.67	\$17.71	\$18.60
11 HCF, monthly	<u>\$18.59</u>	<u>\$19.14</u>	<u>\$19.69</u>	<u>\$20.24</u>	<u>\$20.90</u>	<u>\$21.56</u>
Total Monthly	\$79.43	\$82.26	\$85.18	\$88.19	\$91.43	\$94.56

Single Family Residential Monthly Water Rate Survey (January 2024)

Section 5, Item A.



Wastewater Study

- ✓ No rate increases for current fiscal year 2024/2025.
- ✓ Recommended rate increases shall not exceed 2% per year.

Proposed Monthly Wastewater Rates

User Class	Current Rates	Proposed 2025/26	Proposed 2026/27	Proposed 2027/28	Proposed 2028/29	Proposed 2029/30
Proposed Increase %		2%	2%	2%	2%	2%
Residential		Fixed Billing Rates (\$/month)				
Single Family, Mobile Home, Multi-Family	\$/month \$107.95	\$110.11	\$112.31	\$114.56	\$116.85	\$119.19
Six Mile Village - Residential	\$/gallon \$0.0144	\$110.11	\$112.31	\$114.56	\$116.85	\$119.19
Non – Residential ¹		Volumetric Billing Rates (\$/gallon, winter use)				
Commercial and Industrial	\$/month, \$136.30	\$0.0212	\$0.0216	\$0.0222	\$0.0224	\$0.0228
Other Institutional	\$/gallon, \$0.0208	\$0.0212	\$0.0216	\$0.0222	\$0.0224	\$0.0228
Six Mile Village - Non-Residential	\$/gallon, \$0.0144	\$0.0212	\$0.0216	\$0.0222	\$0.0224	\$0.0228
¹ Minimum Wastewater Charges (\$/month)		\$139.03	\$141.81	\$144.65	\$147.54	\$150.49

Proposed Mixed Use Methodology (New)

- Charged like a normal commercial account based on winter water usage.
- Minimum one commercial charge per commercial account plus one residential charge per residential dwelling unit.

Example: Property with 13 residential units plus two commercial accounts on a shared meter.

Rate = winter use x usage rate

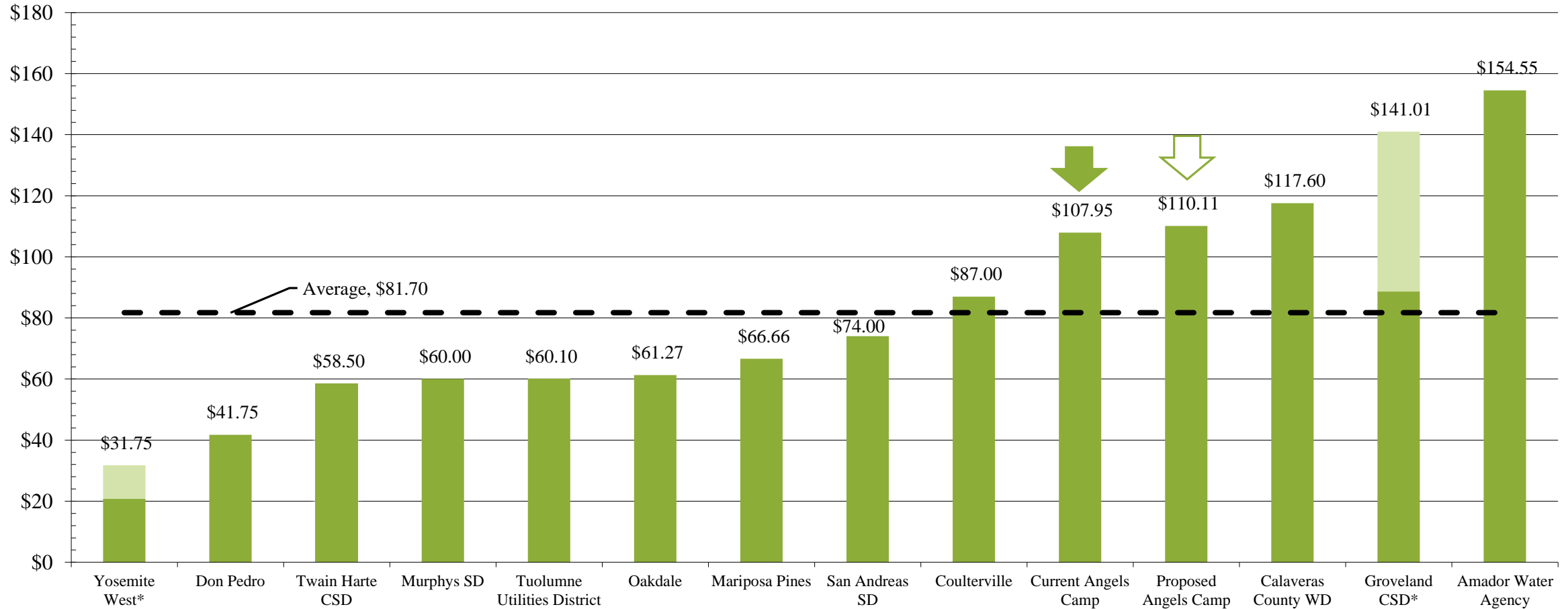
Minimum charges = 13 x residential rate plus 2 x commercial minimum charge.

Single Family Home Monthly Bill Impacts

Residential User Class

	Current Rate	Proposed 7/1/2025	Proposed 7/1/2026	Proposed 7/1/2027	Proposed 7/1/2028	Proposed 7/1/2029
Fixed Sewer Service Charges	\$107.95	\$110.11	\$112.31	\$114.56	\$116.85	\$119.19
Total Monthly	\$107.95	\$110.11	\$112.31	\$114.56	\$116.85	\$119.19

Single Family Residential Monthly Wastewater Rate Survey (January 2024)



*Assumes 6 hcf winter use.

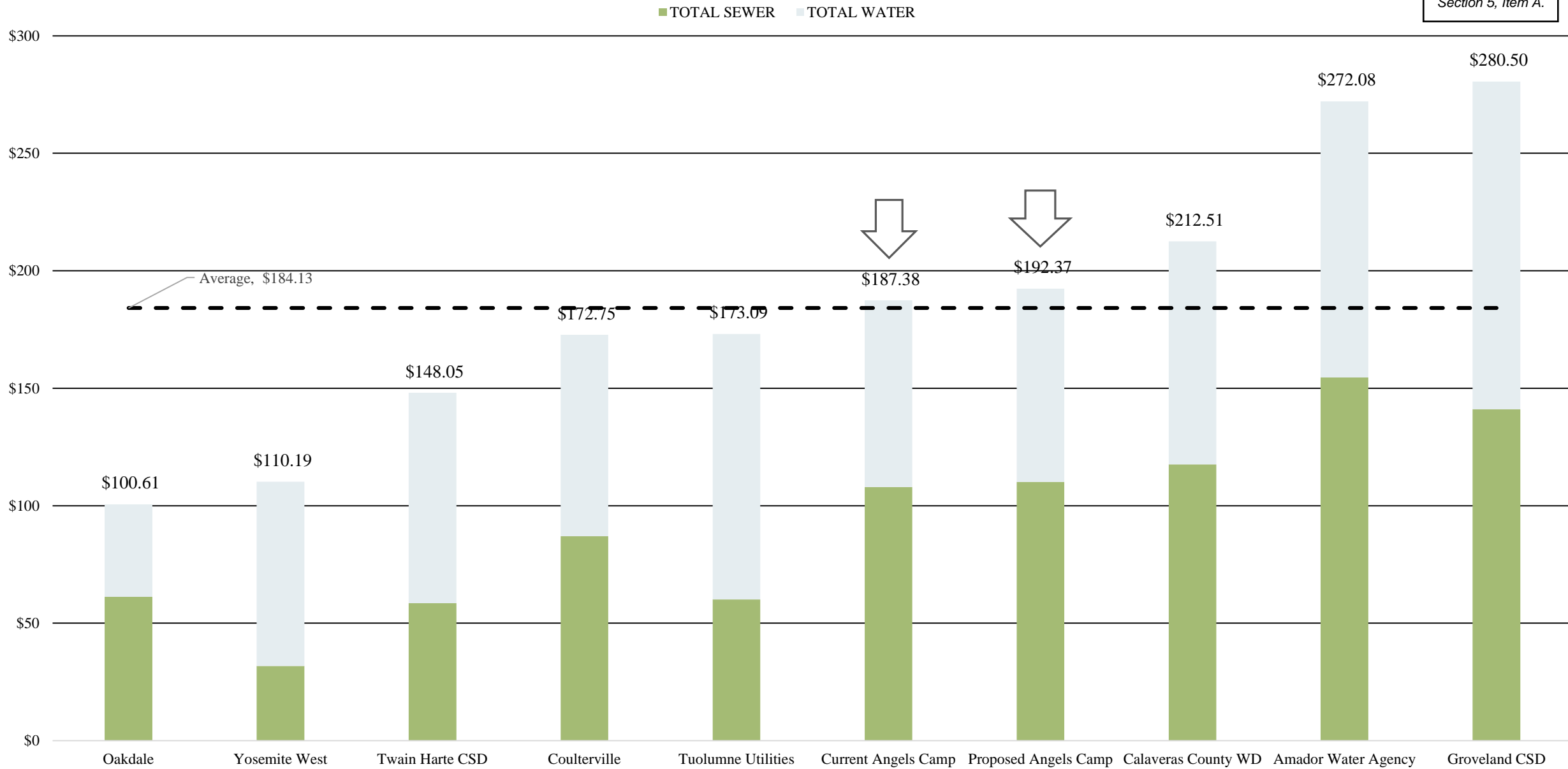


Single Family Home Monthly Bill Impacts

Average Residential User	Current Charges	Proposed 2025/26	Proposed 2026/27	Proposed 2027/28	Proposed 2028/29	Proposed 2029/30
Water Meter Charge	\$46.93	\$48.34	\$49.79	\$51.28	\$52.82	\$54.40
UWPA	\$13.91	\$14.78	\$15.70	\$16.67	\$17.71	\$18.60
11 HCF, monthly	\$18.59	\$19.14	\$19.69	\$20.24	\$20.90	\$21.56
Sewer Service Charges	<u>\$107.95</u>	<u>\$110.11</u>	<u>\$112.31</u>	<u>\$114.56</u>	<u>\$116.85</u>	<u>\$119.19</u>
Total Monthly	\$187.38	\$192.37	\$197.49	\$202.75	\$208.28	\$213.75

Single Family Residential Combined Monthly Billing

Section 5, Item A.



CITY OF ANGELS CAMP

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Section 5, Item A.

Questions & Comments

