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**A2111024**

# Attachment B

Bill Impact Summary

Monterey Service Area						
Year	Meter Size	Average (CGL)	Current Bill	% Increase	\$ Increase	Total Bill
Jan 2023 <sup>(1)(2)</sup>	5/8-inch	38.44	\$120.19	2.37%	\$2.85	\$123.04
July 2024 <sup>(3)</sup>	5/8-inch	38.44	\$123.04	9.76%	\$12.01	\$135.05
Jan 2025 <sup>(4)</sup>	5/8-inch	38.44	\$135.05	3.12%	\$4.22	\$139.27
Sept 2025 <sup>(5)</sup>	5/8-inch	38.44	\$139.27	5.86%	\$8.17	\$147.43

(1) Current Bill reflects 2021 Test Year Rates Authorized in D.21-11-018

(2) Includes revenue requirement increases for the Parallel Pipeline and Carmel Valley Pump Station (Approximately Jan 2023)

(3) Includes increase in purchased water surcharge (Approximately July 2024)

(4) Includes revenue requirement increases for Extraction Wells 1&2 Chemical Treatment Facility (Approximately Jan 2025)

(5) Includes revenue requirement increases for Extraction Wells 3&4 (Approximately Sept 2025)

CALIFORNIA-AMERICAN WATER COMPANY CENTRAL DIVISION REVENUE CALCULATION FOR ADDITIONAL RATES				
			2022	
Line Number	Description	RS020		
1	Total Revenue Requirement	3,048		
2	Other Revenues	0		
<hr/>				
3	Total Water Service Revenue Requirement	3,048		
4				
5				
6				
7	Revenue recovered from Private Fire Reserved	0		
8				
15				
16	Total other revenues	0		
17				
31				
32	revenues to be collected from metered customers	3,048		
33				
34	<b>Calculation of Standard Rates</b>			
35	50% of revenue requirement - Allowed Service Charge Revenue	1,524		
36	Remaining 50% of Revenue Requirement To be Recovered in Quantinty Rates	1,524		
37				
38	Total Water Sales -General Metered Service	3,755		
39				
40	Standard Quantinty Rates (Per CCFS)	0.4059		
41				
42				
43	<b>Calculation of Conservation Rates</b>			
44				
45	Percentage of Revenue Requirement To Be Recovered From Service Charges	30%		
46				
47	Revenue To Be Recovered From Service Charges	914		
48				
49	Revenue To Be Recovered From Quantitiy Charges	2,133		
50				
51	Total Water Sales -General Metered Service	3,755		
52				
53	Conservation Quantinty Rates (Per CCFS)	0.5682		

CALIFORNIA-AMERICAN WATER COMPANY CENTRAL DIVISION REVENUE CALCULATION FOR ADDITIONAL RATES					
Line Number	Description	Water & RFS Meter Sizes	Standard Rates	Conservation Rates Residential	Conservation Rates Non Residential
			Escalation Year	Escalation Year	Escalation Year
			2022	2022	2022
			RS020	RS020	RS020
1	<b>Customers by Meter Size</b>				
2		0"	0	0	0
3		5/8 x 3/4"	31,319	29,170	2,149
4		3/4"	217	215	2
5		1"	4,911	4,171	740
6		1-1/2"	812	366	446
7		2"	602	152	450
8		3"	63	3	60
9		4"	25	3	22
10		6"	14	5	9
11		8"	14	5	9
12		10"	0	0	0
13	<b>TOTAL Average Customers</b>		<b>37,977</b>	<b>34,090</b>	<b>3,887</b>
14					
15	<b>Meter Equivalentents by Meter Size</b>				
16		0"	1	1.0	1
17		5/8 x 3/4"	1	1.0	1
18		3/4"	1.5	1.6	1.5
19		1"	2.5	3.0	2.5
20		1-1/2"	5	8.0	5
21		2"	8	13.4	8
22		3"	15	25.1	15
23		4"	25	43.2	25
24		6"	50	90.8	50
25		8"	80.0	145.3	80.0
26		10"			
27					
28	<b>Total Meter Equivalentents</b>				
29		0"	0	0	0
30		5/8 x 3/4"	31,319	29,170	2,149
31		3/4"	326	350	3
32		1"	12,278	12,513	1,850
33		1-1/2"	4,060	2,924	2,230
34		2"	4,816	2,031	3,600
35		3"	945	75	900
36		4"	625	130	550
37		6"	700	454	450
38		8"	1,120	727	720
39		10"	0	0	0
40	<b>TOTAL</b>		<b>56,189</b>	<b>48,374</b>	<b>12,452</b>
41					
42	Total Service Charge Revenue Necessary (\$1,000,000)		\$1,524	\$711.67	\$203
43	Annual Cost per Meter Equivalent		\$27	\$14.71	\$16
44	<b>Monthly Meter Equivalent Cost</b>		<b>\$2.26</b>	<b>\$1.23</b>	<b>\$1.36</b>
45					
46	<b><u>SERVICE CHARGE RATE BY METER SIZE</u></b>				
47		0"	\$2.26	\$1.23	\$1.36
48		5/8 x 3/4"	\$2.26	\$1.23	\$1.36
49		3/4"	\$3.39	\$2.00	\$2.03
50		1"	\$5.65	\$3.68	\$3.39
51		1-1/2"	\$11.30	\$9.80	\$6.78
52		2"	\$18.08	\$16.38	\$10.85
53		3"	\$33.90	\$30.71	\$20.34

54		4"	\$56.50	\$52.99	\$33.90
55		6"	\$113.00	\$111.34	\$67.80
56		8"	\$180.80	\$178.15	\$108.48
57		10"	\$0.00	\$0.00	\$0.00
58					
59	<b><u>PROOF OF SERVICE CHARGE REVENUES</u></b>				
60		0"	\$0	\$0	\$0
61		5/8 x 3/4"	\$849,349	\$429,144	\$34,968
62		3/4"	\$8,827	\$5,156	\$49
63		1"	\$332,957	\$184,089	\$30,102
64		1-1/2"	\$110,104	\$43,022	\$36,286
65		2"	\$130,606	\$29,876	\$58,578
66		3"	\$25,628	\$1,106	\$14,644
67		4"	\$16,950	\$1,908	\$8,949
68		6"	\$18,983	\$6,681	\$7,322
69		8"	\$30,374	\$10,689	\$11,716
70		10"	\$0	\$0	\$0
71					
72			\$1,523,778	\$711,671	\$202,614
73	variance		(0)	0	0
74	% variance		0.00%	0.00%	0.00%

CALIFORNIA-AMERICAN WATER COMPANY CENTRAL DIVISION REVENUE CALCULATION FOR ADDITIONAL RATES					
			Standard Rates	Conservation Rates	Conservation Rates
			Escalation Year	Residential	Non Residential
			2022	Escalation Year	Escalation Year
			2022	2022	2022
Line Number	Description	Water & RFS Meter Sizes	RS020	RS020	RS020
1	<b>Customers by Meter Size</b>				
2		5/8 x 3/4" RES to 3/4" RES MFS	36	36	36
3		3/4" RES to 1" RES MFS	420	420	420
4		1" RES to 1-1/2" RES MFS	56	56	56
5		1-1/2" RES to 2" RES MFS	6	6	6
6		2" RES to 3" RES MFS	0	0	0
7		3" RES to 4" RES MFS	0	0	0
8		4" RES to 6" RES MFS	1	1	1
9		6" RES to 8" RES MFS	1	1	1
10					
11					
12					
13	<b>TOTAL Average Customers</b>		<b>520</b>	<b>520</b>	<b>520</b>
14					
15	<b>Meter Equivalentents by Meter Size</b>				
16		5/8 x 3/4" RES to 3/4" RES MFS	1.3	1.3	1.3
17		3/4" RES to 1" RES MFS	2.3	2.3	2.3
18		1" RES to 1-1/2" RES MFS	5.5	5.5	5.5
19		1-1/2" RES to 2" RES MFS	10.7	10.7	10.7
20		2" RES to 3" RES MFS	19.2	19.2	19.2
21		3" RES to 4" RES MFS	34.1	34.1	34.1
22		4" RES to 6" RES MFS	67.0	67.0	67.0
23		6" RES to 8" RES MFS	118.1	118.1	118.1
24		0	0.0	0.0	0.0
25		0	0.0	0.0	0.0
26		0			
27					
28	<b>Total Meter Equivalentents</b>				
29		5/8 x 3/4" RES to 3/4" RES MFS	47	47	47
30		3/4" RES to 1" RES MFS	972	972	972
31		1" RES to 1-1/2" RES MFS	308	308	308
32		1-1/2" RES to 2" RES MFS	64	64	64
33		2" RES to 3" RES MFS	0	0	0
34		3" RES to 4" RES MFS	0	0	0
35		4" RES to 6" RES MFS	67	67	67
36		6" RES to 8" RES MFS	118	118	118
37		0	0	0	0
38		0	0	0	0
39		0	0	0	0
40	<b>TOTAL</b>		<b>1,576</b>	<b>1,576</b>	<b>1,576</b>
41					
42	Total Service Charge Revenue Necessary (\$1,000's)		\$1,524		
43	Annual Cost per Meter Equivalent		\$967		
44	<b>Monthly Meter Equivalent Cost</b>		<b>\$2.26</b>	<b>\$1.23</b>	<b>\$1.36</b>
45					
46	<b><u>SERVICE CHARGE RATE BY METER SIZE</u></b>				
47		5/8 x 3/4" RES to 3/4" RES MFS	\$2.97	\$1.61	\$1.78
48		3/4" RES to 1" RES MFS	\$5.23	\$2.84	\$3.14
49		1" RES to 1-1/2" RES MFS	\$12.42	\$6.74	\$7.45
50		1-1/2" RES to 2" RES MFS	\$24.12	\$13.09	\$14.47
51		2" RES to 3" RES MFS	\$43.40	\$23.55	\$26.04
52		3" RES to 4" RES MFS	\$77.14	\$41.85	\$46.29
53		4" RES to 6" RES MFS	\$151.46	\$82.17	\$90.88

54	6" RES to 8" RES MFS	\$266.82	\$144.75	\$160.09
55	0	\$0.00	\$0.00	\$0.00
56	0	\$0.00	\$0.00	\$0.00
57	0	\$0.00	\$0.00	\$0.00
58				
59	<b><u>PROOF OF SERVICE CHARGE REVENUES</u></b>			
60	5/8 x 3/4" RES to 3/4" RES MFS	\$1,284	\$696	\$770
61	3/4" RES to 1" RES MFS	\$26,368	\$14,304	\$15,821
62	1" RES to 1-1/2" RES MFS	\$8,345	\$4,527	\$5,007
63	1-1/2" RES to 2" RES MFS	\$1,737	\$942	\$1,042
64	2" RES to 3" RES MFS	\$0	\$0	\$0
65	3" RES to 4" RES MFS	\$0	\$0	\$0
66	4" RES to 6" RES MFS	\$1,818	\$986	\$1,091
67	6" RES to 8" RES MFS	\$3,202	\$1,737	\$1,921
68	0	\$0	\$0	\$0
69	0	\$0	\$0	\$0
70	0	\$0	\$0	\$0
71				
72		<u>\$42,754</u>	<u>\$23,192</u>	<u>\$25,652</u>
73	variance			
74	% variance			

**CALIFORNIA AMERICAN WATER  
MONTEREY COUNTY DISTRICT  
MONTEREY MAIN RATE DESIGN**

**RESIDENTIAL & COMMERCIAL FIRE - NOTE ON HERE**

Breakpoints are....

**Do Not Erase - Tier Usage through Blocks are referenced in Present and Proposed Rate Revenue Worksheets**

Monterey - Proposed Rates									
	SRES	MRES		Non-RES		OWU		Misc/Constr	
Tier 1	62.900%	62.800%	Div 1	70.445%	Tier 1 PERM	70.445%	Tier 1	100.000%	
Tier 2	22.500%	25.600%	Div 2	5.747%	Tier 2 PERM	5.747%	Tier 2	0.000%	
Tier 3	9.400%	5.700%	Div 3	21.034%	Tier 3 PERM	21.034%			
Tier 4	5.200%	5.900%	Div 4	2.774%	Tier 4 PERM	2.774%			
Tier 5	0.000%	0.000%	Div 5	0.000%	Tier 1 TEMP	0.000%			
Tier 6	0.000%	0.000%		0.000%	Tier 2 TEMP	0.000%			
	100.000%	100.000%		100.000%		100.000%			100.000%

**Proposed Conservation Rates - 2021**

SINGLE FAMILY -- SRES			Monterey County Main		MOC	RS020
Standard Components SRES 2021			Standard Rates		Conservation Rates	
Meter Size	(Total) Number of Meters	50% Meter Rate	Meter Revenues	Meter Rate	Meter Revenues	
5/8 x 3/4"	28,118	\$2.26	\$762,540	\$1.23	\$413,667	
3/4"	212	\$3.39	\$8,624	\$2.00	\$5,084	
1"	3,763	\$5.65	\$255,125	\$3.68	\$166,082	
1-1/2"	257	\$11.30	\$34,848	\$9.80	\$30,210	
2"	69	\$18.08	\$14,970	\$16.38	\$13,562	
3"	0	\$33.90	\$0	\$30.71	\$0	
4"	0	\$56.50	\$0	\$52.99	\$0	
6"	0	\$113.00	\$0	\$111.34	\$0	
8"	0	\$180.80	\$0	\$178.15	\$0	
10"	0	\$0.00	\$0	\$0.00	\$0	
12"	0	\$0.00	\$0	\$0.00	\$0	
TOTAL	32,419		\$1,076,106		\$628,604	
Check	32,419					
	Consumption (10cfs)	Volume Revenues	Quantity Rate (10cfs)	Volume Revenues	Factor	Quantity Rate (10cfs)
62.90%	Block 1 12,775,110	\$518,542	\$0.0406	\$422,856	100%	\$0.0331
22.50%	Block 2 4,569,793	\$185,488	\$0.0406	\$226,890	150%	\$0.0497
9.40%	Block 3 1,909,158	\$77,493	\$0.0406	\$252,773	400%	\$0.1324
5.20%	Block 4 1,056,130	\$42,868	\$0.0406	\$209,747	600%	\$0.1986
0.00%	Block 5 0	\$0	\$0.0406	\$0	0%	\$0.0000
0.00%	Block 6 0	\$0	\$0.0406	\$0	0%	\$0.0000
100.00%	TOTAL 20,310,190	\$824,391		\$1,112,266		\$ 0.0331
	TOTAL REVENUES (volume + meter)	\$1,900,497		\$1,900,512		\$1,112,252 <--Qnty Rate Target
	Total Consumption 20,310,190	\$1,900,497		\$1,900,497		
		0.0406 SBR per 10cfs		Cost Allocation Shift->	\$ 159,642	

MULTI FAMILY			Monterey County Main		MOC	RS020
Standard Components MRES 2021			Standard Rates		Conservation Rates	
Meter Size	(Total) Number of Meters	50% Meter Rate	Meter Revenues	Meter Rate	Meter Revenues	
5/8 x 3/4"	1,052	\$2.26	\$28,529	\$1.23	\$15,477	
3/4"	3	\$3.39	\$122	\$2.00	\$72	
1"	408	\$5.65	\$27,662	\$3.68	\$18,007	
1-1/2"	109	\$11.30	\$14,780	\$9.80	\$12,813	
2"	83	\$18.08	\$18,007	\$16.38	\$16,314	
3"	3	\$33.90	\$1,220	\$30.71	\$1,106	
4"	3	\$56.50	\$2,034	\$52.99	\$1,908	
6"	5	\$113.00	\$6,780	\$111.34	\$6,681	
8"	5	\$180.80	\$10,848	\$178.15	\$10,689	
10"	0	\$0.00	\$0	\$0.00	\$0	
12"	0	\$0.00	\$0	\$0.00	\$0	
TOTAL	1,671		\$109,982		\$83,065	
Check	1,671					
	Consumption (10cfs)	Volume Revenues	Quantity Rate (10cfs)	Volume Revenues	Factor	Quantity Rate (10cfs)
62.80%	Block 1 3,073,382	\$124,749	\$0.0406	\$78,648	100%	\$0.0256
25.60%	Block 2 1,252,844	\$50,853	\$0.0406	\$48,090	150%	\$0.0384
5.70%	Block 3 278,953	\$11,323	\$0.0406	\$28,554	400%	\$0.1024
5.90%	Block 4 288,741	\$11,720	\$0.0406	\$44,333	600%	\$0.1535
0.00%	Block 5 0	\$0	\$0.0406	\$0	0%	\$0.0000
0.00%	Block 6 0	\$0	\$0.0406	\$0	0%	\$0.0000
	TOTAL 4,893,920	\$198,645		\$199,625		\$0.0256
	TOTAL REVENUES Authorized	\$308,627		\$308,615		\$199,638 <--Qnty Rate Target
	Total Consumption 4,893,920	\$308,627		\$308,627		
		\$0.0406		\$ 25,925		

Non-Residential (COMM, INDR, OPUA, SLFR)			Monterey County Main		MOC	RS020
Standard Components NRES 2021			Standard Rates		Conservation Rates	
Meter Size	(Total) Number of Meters	50% Meter Rate	Meter Revenues	Meter Rate	Meter Revenues	
5/8 x 3/4"	2149	\$2.26	\$58,279	\$1.36	\$34,968	
3/4"	2	\$3.39	\$81	\$2.03	\$49	
1"	738	\$5.65	\$50,035	\$3.39	\$30,021	
1-1/2"	446	\$11.30	\$60,476	\$6.78	\$36,286	



	2"	450	\$18.08	\$97,629	\$10.85	\$58,578	
	3"	33	\$33.90	\$13,424	\$20.34	\$8,054	
	4"	22	\$56.50	\$14,916	\$33.90	\$8,949	
	6"	9	\$113.00	\$12,204	\$67.80	\$7,322	
	8"	9	\$180.80	\$19,526	\$108.48	\$11,716	
	10"	0	\$0.00	\$0	\$0.00	\$0	
	12"	0	\$0.00	\$0	\$0.00	\$0	
	TOTAL	3,858		\$326,570		\$195,942	
	Check	3,858					
		<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>	<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>
70.44%	Division 1	8,657,541	\$351,410	\$0.0406	\$521,357	100%	\$0.0602
5.75%	Division 2	706,288	\$28,668	\$0.0406	\$47,849	112.5%	\$0.0677
21.03%	Division 3	2,585,042	\$104,927	\$0.0406	\$194,589	125%	\$0.0753
2.77%	Division 4	340,959	\$13,840	\$0.0406	\$51,331	250%	\$0.1506
0.00%	Division 5	0	\$0	\$0.0406	\$0	0%	\$0.0000
	TOTAL	12,289,830	\$498,845		\$815,127		<b>\$0.0602</b>
					\$	185,566	
		TOTAL REVENUES	<b>\$825,415</b>		<b>\$825,503</b>	\$815,040	<--Qnty Rate Target
		Authorized	<b>\$825,415</b>		<b>\$825,415</b>		
	Total						
	Consumption	12,289,830	\$0.0406				

Non-Residential - Construction		Monterey County Main		MOC	RS020		
Standard Components CSTR 2021 (Total)		Standard Rates		Conservation Rates			
Meter Size	Number of Meters	50% Meter Rate	Meter Revenues	Meter Rate	Meter Revenues		
5/8 x 3/4"	0	\$2.26	\$0	\$1.36	\$0		
3/4"	0	\$3.39	\$0	\$2.03	\$0		
1"	2	\$5.65	\$136	\$3.39	\$81		
1-1/2"	0	\$11.30	\$0	\$6.78	\$0		
2"	0	\$18.08	\$0	\$10.85	\$0		
3"	27	\$33.90	\$10,983	\$20.34	\$6,590		
4"	0	\$56.50	\$0	\$33.90	\$0		
6"	0	\$113.00	\$0	\$67.80	\$0		
8"	0	\$180.80	\$0	\$108.48	\$0		
10"	0	\$0.00	\$0	\$0.00	\$0		
12"	0	\$0.00	\$0	\$0.00	\$0		
TOTAL	29		\$11,119		\$6,671		
Check	29						
	<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>	<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>	
100.00%	All Usage	51,930	\$2,108	\$0.0406	\$6,547	500%	\$0.1261
			\$0	\$0.0406	\$0		\$0.0000
			\$0	\$0.0406	\$0		\$0.0000
	TOTAL	51,930	\$2,108		\$6,547		<b>\$0.0252</b>
		TOTAL REVENUES	<b>\$13,227</b>		<b>\$13,218</b>	\$6,556	<--Qnty Rate Target
		Authorized	<b>\$13,227</b>		<b>\$13,227</b>		
	Total						
	Consumption	51,930	\$0.0406				

Other Water Utility - Permanent/Temporary Service		Monterey County Main		MOC	RS020		
Standard Components OTHR 2021 (AVG)		Standard Rates		Conservation Rates			
Meter Size	Number of Meters	50% Meter Rate	Meter Revenues	00% Meter Rate	Meter Revenues		
5/8 x 3/4"	0	\$2.26	\$0	\$2.26	\$0		
3/4"	0	\$3.39	\$0	\$3.39	\$0		
1"	0	\$5.65	\$0	\$5.65	\$0		
1-1/2"	0	\$11.30	\$0	\$11.30	\$0		
2"	0	\$18.08	\$0	\$18.08	\$0		
3"	0	\$33.90	\$0	\$33.90	\$0		
4"	0	\$56.50	\$0	\$56.50	\$0		
6"	0	\$113.00	\$0	\$113.00	\$0		
8"	0	\$180.80	\$0	\$180.80	\$0		
10"	0	\$0.00	\$0	\$0.00	\$0		
12"	0	\$0.00	\$0	\$0.00	\$0		
TOTAL	0		\$0		\$0		
Check	0						
	<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>	<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>	
70.44%	Block 1	0	\$0	\$0.0406	\$0	100%	\$0.0340
5.75%	Block 2	0	\$0	\$0.0406	\$0	200%	\$0.0681
21.03%	Block 3	0	\$0	\$0.0406	\$0	800%	\$0.2723
2.77%	Block 4	0					
	TOTAL	0	\$0		\$0		<b>\$0.0340</b>
		TOTAL REVENUES	<b>\$0</b>		<b>\$0</b>	\$0	<--Qnty Rate Target
		Authorized	<b>\$0</b>		<b>\$0</b>		
	Total						
	Consumption	0	\$0.0406				

**CALIFORNIA AMERICAN WATER  
Revenue Proof**

	Meter Revenue	Volumetric Revenue	Total additional Revenue
SINGLE FAMILY -- SRES	628,604.05	1,112,266.00	1,740,870.05
MULTI FAMILY	83,064.98	199,625.25	282,690.23
COMMERCIAL	148,876.69	691,683.47	840,560.16
INDUSTRIAL	789.17	3,414.43	4,203.60
PUBLIC AUTHORITY	46,064.80	119,268.17	165,332.97
SALES FOR RESALE	211.53	760.75	972.28
CONSTRUCTION	6,671.34	6,547.08	13,218.42
Other Water Utility - Permanent/Temporary Service	-	-	-
<b>Total</b>			<b>3,047,847.71</b>
Revenue Requirement			3,047,610.02
Difference (%)			-0.01%

Customer Class	Meter Size	Number of Meters	Meter Rate	Meter Revenue per Year
Commercial	5/8 x 3/4"	1,998.00	1.4	32,510.59
Commercial	3/4"	1	2.0	24.41
Commercial	1"	620	3.4	25,220.93
Commercial	1-1/2"	338	6.8	27,498.95
Commercial	2"	350	10.8	45,560.38
Commercial	3"	22	20.3	5,369.62
Commercial	4"	12	33.9	4,881.47
Commercial	6"	8	67.8	6,508.63
Commercial	8"	1	108.5	1,301.73
Industrial	1"	1	3.4	40.68
Industrial	1-1/2"	1	6.8	81.36
Industrial	2"	2	10.8	260.35
Industrial	4"	1	33.9	406.79
Public Authority	5/8 x 3/4"	151	1.4	2,457.01
Public Authority	3/4"	1	2.0	24.41
Public Authority	1"	117	3.4	4,759.43
Public Authority	1-1/2"	106	6.8	8,623.93
Public Authority	2"	97	10.8	12,626.74
Public Authority	3"	11	20.3	2,684.81
Public Authority	4"	9	33.9	3,661.10
Public Authority	6"	1	67.8	813.58
Public Authority	8"	8	108.5	10,413.80
Sales for Resale	1-1/2"	1	6.8	81.36
Sales for Resale	2"	1	10.8	130.17
<b>Total</b>		<b>3858.0</b>		<b>195,942.2</b>
		<b>3,858</b>		<b>195,942.19</b>
		TRUE		TRUE

	Consumption 10 C	Rates	Revenue
Commercial			
70.44% Division 1	7,346,437	0.0602	442,402.43
5.75% Division 2	599,327	0.0677	40,602.94
21.03% Division 3	2,193,561	0.0753	165,120.32
2.77% Division 4	289,324	0.1506	43,557.78
<b>Total</b>	<b>10428650</b>		<b>691,683.47</b>
Industrial			
70.44% Division 1	36,265	0.0602	2,183.88
5.75% Division 2	2,959	0.0677	200.43
21.03% Division 3	10,828	0.0753	815.10
2.77% Division 4	1,428	0.1506	215.02
<b>Total</b>	<b>51480</b>		<b>3,414.43</b>
Public Authority			
70.44% Division 1	1,266,759	0.0602	76,284.21
5.75% Division 2	103,343	0.0677	7,001.23
21.03% Division 3	378,240	0.0753	28,471.98
2.77% Division 4	49,889	0.1506	7,510.74

Total		1798230		119,268.17
Sales for Resale				
70.44%	Division 1	8,080	0.0602	486.58
5.75%	Division 2	659	0.0677	44.66
21.03%	Division 3	2,413	0.0753	181.61
2.77%	Division 4	318	0.1506	47.91
Total		11470		760.75
		12,289,830.00		815,126.82

<b>CALIFORNIA-AMERICAN WATER COMPANY</b>		<b>Wkpr. 125</b>
<b>CENTRAL DIVISION</b>	<b>CEN</b>	
<b>Additional Rates</b>		
Schedule No. MO-1		
General Metered Service		
Residential and Multi-Residential -		

*Single Family Quantity Rates*

Description	Rates Per 100 CF	Rate Conversion Factor (1/7.48)	Schedule No. MO-1-SF	Schedule No. CA-LIRA
			NEW RATES PER 100 GAL (CGL)	NEW RATES PER 100 GAL (CGL)
1 Block 1	\$0.3310 x	0.1337 =	\$0.0443	\$ 0.0310
2 Block 2	\$0.4965 x	0.1337 =	\$0.0664	\$ 0.0465
3 Block 3	\$1.3240 x	0.1337 =	\$0.1770	\$ 0.1239
4 Block 4	\$1.9860 x	0.1337 =	\$0.2655	\$0.1859

*Multi-Family Quantity Rates*

Description	Rates Per 100 CF	Rate Conversion Factor (1/0.748)	Schedule No. MO-1-MF	Schedule No. CA-LIRA
			NEW RATES PER 100 GAL (CGL)	NEW RATES PER 100 GAL (CGL)
6 Block 1	\$0.2559 x	0.1337 =	\$0.0342	\$ 0.0239
7 Block 2	\$0.3839 x	0.1337 =	\$0.0513	\$ 0.0359
8 Block 3	\$1.0236 x	0.1337 =	\$0.1368	\$ 0.0958
9 Block 4	\$1.5354 x	0.1337 =	\$ 0.2053	\$ 0.1437

*Single Family & Multi-Family Meter Charges*

Description	Schedule No. MO-1-SF and MO-1-MF	Schedule No. CA-LIRA	Description	RFPS Service Charge
	New Per Meter per Month	Low Income Customers		
11 5/8 inch	\$1.23	\$ 0.98	3/4-inch to 5/8-inch	\$1.23
12 3/4 inch	\$2.00	\$ 1.60	1-inch to 3/4-inch	\$2.00
13 1 inch	\$3.68	\$ 2.94	1 1/2-inch to 1-inch	\$3.68
14 1 1/2 inch	\$9.80	\$ 7.84	2-inch to 1 1/2-inch	\$9.80
15 2 inch	\$16.38	\$ 13.10	3-inch to 2-inch	\$16.38
16 3 inch	\$30.71	\$ 24.57	4-inch to 3-inch	\$30.71
17 4 inch	\$52.99	\$ 42.39	6-inch to 4-inch	\$52.99
18 6 inch	\$111.34	\$ 89.08	8-inch to 6-inch	\$111.34
19 8 inch	\$ 178.15	\$ 142.52		

Schedule No. MO-1C - General Metered Service (for prop. CPUC Sheet 7320-W)

General Metered Service

Non-Residential Customers (COMM, INDR, OPUA, SLFR)

Quantity Rates

			Schedule No. MO-1C	
Description	Rates Per 100 CF		Rate Conversion Factor (1/0.748)	NEW RATES PER 100 GAL (CGL)
Division 1	\$0.6022 x		0.1337	\$0.0805
Division 2	\$0.6775 x		0.1337	\$0.0906
Division 3	\$0.7528 x		0.1337	\$0.1006
Division 4	\$1.5055 x		0.1337	\$0.2013

Meter Charges

		Schedule No. MO-1C	
Description		NEW PER METER PER MONTH	
5/8 inch		\$1.36	
3/4 inch		\$2.03	
1 inch		\$3.39	
1 1/2 inch		\$6.78	
2 inch		\$10.85	
3 inch		\$20.34	
4 inch		\$33.90	
6 inch		\$67.80	
8 inch		\$108.48	

Schedule No. MO-10 - General Metered Service  
 General Metered Service  
 Other Customers

*MISC & CONSTRUCTION*

Schedule No. MO-10 - Misc. & Construction  
 Quantity Rates - Monterey Main, Hidden Hills, Ryan Ranch, and Bishop Systems

**Misc & Construction**

*Quantity Rates*

Description	Rates Per 100 CF	Rate Conversion Factor (1/0.748)	Schedule No. MO- 10
			NEW RATES PER 100 GAL (CGL)
Miscellaneous & Construction	\$1.2608	0.1337	\$0.1685

*Meter Charges*

Monterey Main, Hidden Hills, Ryan Ranch, and Bishop Systems:

**Schedule No. MO-  
10**

Description	NEW PER METER PER MONTH
5/8 inch	\$1.36
3/4 inch	\$2.03
1 inch	\$3.39
1 1/2 inch	\$6.78
2 inch	\$10.85
3 inch	\$20.34
4 inch	\$33.90
6 inch	\$67.80
8 inch	\$108.48

CALIFORNIA-AMERICAN WATER COMPANY				
CENTRAL DIVISION				
REVENUE CALCULATION FOR ADDITIONAL RATES				
			2022	
Line Number	Description	RS020		
1	Total Revenue Requirement	4,512		
2	Other Revenues	0		
<hr/>				
3	Total Water Service Revenue Requirement	4,512		
4				
5				
6				
7	Revenue recovered from Private Fire Reserved	0		
8				
15				
16	Total other revenues	0		
17				
31	revenues to be collected from metered customers	4,512		
32				
33				
34	<b>Calculation of Standard Rates</b>			
35	50% of revenue requirement - Allowed Service Charge Revenue	2,256		
36	Remaining 50% of Revenue Requirement To be Recovered in Quantity Rates	2,256		
37				
38	Total Water Sales -General Metered Service	3,755		
39				
40	Standard Quantity Rates (Per CCFS)	0.6008		
41				
42				
43	<b>Calculation of Conservation Rates</b>			
44				
45	Percentage of Revenue Requirement To Be Recovered From Service Charges	30%		
46				
47	Revenue To Be Recovered From Service Charges	1,354		
48				
49	Revenue To Be Recovered From Quantity Charges	3,158		
50				
51	Total Water Sales -General Metered Service	3,755		
52				
53	Conservation Quantity Rates (Per CCFS)	0.8412		

CALIFORNIA-AMERICAN WATER COMPANY CENTRAL DIVISION REVENUE CALCULATION FOR ADDITIONAL RATES					
Line Number	Description	Water & RFS Meter Sizes	Standard Rates	Conservation Rates Residential	Conservation Rates Non Residential
			Escalation Year	Escalation Year	Escalation Year
			2022	2022	2022
			RS020	RS020	RS020
1	<b>Customers by Meter Size</b>				
2		0"	0	0	0
3		5/8 x 3/4"	31,319	29,170	2,149
4		3/4"	217	215	2
5		1"	4,911	4,171	740
6		1-1/2"	812	366	446
7		2"	602	152	450
8		3"	63	3	60
9		4"	25	3	22
10		6"	14	5	9
11		8"	14	5	9
12		10"	0	0	0
13	<b>TOTAL Average Customers</b>		<b>37,977</b>	<b>34,090</b>	<b>3,887</b>
14					
15	<b>Meter Equivalent by Meter Size</b>				
16		0"	1	1.0	1
17		5/8 x 3/4"	1	1.0	1
18		3/4"	1.5	1.6	1.5
19		1"	2.5	3.0	2.5
20		1-1/2"	5	8.0	5
21		2"	8	13.4	8
22		3"	15	25.1	15
23		4"	25	43.2	25
24		6"	50	90.8	50
25		8"	80.0	145.3	80.0
26		10"			
27					
28	<b>Total Meter Equivalent</b>				
29		0"	0	0	0
30		5/8 x 3/4"	31,319	29,170	2,149
31		3/4"	326	350	3
32		1"	12,278	12,513	1,850
33		1-1/2"	4,060	2,924	2,230
34		2"	4,816	2,031	3,600
35		3"	945	75	900
36		4"	625	130	550
37		6"	700	454	450
38		8"	1,120	727	720
39		10"	0	0	0
40	<b>TOTAL</b>		<b>56,189</b>	<b>48,374</b>	<b>12,452</b>
41					
42	Total Service Charge Revenue Necessary (\$1,000,000)		\$2,256	\$1,053.57	\$300
43	Annual Cost per Meter Equivalent		\$40	\$21.78	\$24
44	<b>Monthly Meter Equivalent Cost</b>		<b>\$3.35</b>	<b>\$1.81</b>	<b>\$2.01</b>
45					
46	<b>SERVICE CHARGE RATE BY METER SIZE</b>				
47		0"	\$3.35	\$1.81	\$2.01
48		5/8 x 3/4"	\$3.35	\$1.81	\$2.01
49		3/4"	\$5.02	\$2.96	\$3.01
50		1"	\$8.36	\$5.44	\$5.02
51		1-1/2"	\$16.73	\$14.50	\$10.04
52		2"	\$26.77	\$24.25	\$16.06
53		3"	\$50.18	\$45.46	\$30.11



54		4"	\$83.64	\$78.44	\$50.18
55		6"	\$167.28	\$164.84	\$100.37
56		8"	\$267.65	\$263.73	\$160.59
57		10"	\$0.00	\$0.00	\$0.00
58					
59	<b><u>PROOF OF SERVICE CHARGE REVENUES</u></b>				
60		0"	\$0	\$0	\$0
61		5/8 x 3/4"	\$1,257,388	\$635,311	\$51,767
62		3/4"	\$13,068	\$7,633	\$72
63		1"	\$492,914	\$272,528	\$44,564
64		1-1/2"	\$163,000	\$63,691	\$53,718
65		2"	\$193,352	\$44,228	\$86,719
66		3"	\$37,940	\$1,637	\$21,680
67		4"	\$25,092	\$2,824	\$13,249
68		6"	\$28,103	\$9,890	\$10,840
69		8"	\$44,965	\$15,824	\$17,344
70		10"	\$0	\$0	\$0
71					
72			\$2,255,822	\$1,053,566	\$299,953
73	variance		(0)	0	0
74	% variance		0.00%	0.00%	0.00%

CALIFORNIA-AMERICAN WATER COMPANY CENTRAL DIVISION REVENUE CALCULATION FOR ADDITIONAL RATES					
			Standard Rates	Conservation Rates	Conservation Rates
			Escalation Year	Residential	Non Residential
			2022	Escalation Year	Escalation Year
			2022	2022	2022
Line Number	Description	Water & RFS Meter Sizes	RS020	RS020	RS020
1	<b>Customers by Meter Size</b>				
2		5/8 x 3/4" RES to 3/4" RES MFS	36	36	36
3		3/4" RES to 1" RES MFS	420	420	420
4		1" RES to 1-1/2" RES MFS	56	56	56
5		1-1/2" RES to 2" RES MFS	6	6	6
6		2" RES to 3" RES MFS	0	0	0
7		3" RES to 4" RES MFS	0	0	0
8		4" RES to 6" RES MFS	1	1	1
9		6" RES to 8" RES MFS	1	1	1
10					
11					
12					
13	<b>TOTAL Average Customers</b>		<b>520</b>	<b>520</b>	<b>520</b>
14					
15	<b>Meter Equivalentents by Meter Size</b>				
16		5/8 x 3/4" RES to 3/4" RES MFS	1.3	1.3	1.3
17		3/4" RES to 1" RES MFS	2.3	2.3	2.3
18		1" RES to 1-1/2" RES MFS	5.5	5.5	5.5
19		1-1/2" RES to 2" RES MFS	10.7	10.7	10.7
20		2" RES to 3" RES MFS	19.2	19.2	19.2
21		3" RES to 4" RES MFS	34.1	34.1	34.1
22		4" RES to 6" RES MFS	67.0	67.0	67.0
23		6" RES to 8" RES MFS	118.1	118.1	118.1
24		0	0.0	0.0	0.0
25		0	0.0	0.0	0.0
26		0			
27					
28	<b>Total Meter Equivalentents</b>				
29		5/8 x 3/4" RES to 3/4" RES MFS	47	47	47
30		3/4" RES to 1" RES MFS	972	972	972
31		1" RES to 1-1/2" RES MFS	308	308	308
32		1-1/2" RES to 2" RES MFS	64	64	64
33		2" RES to 3" RES MFS	0	0	0
34		3" RES to 4" RES MFS	0	0	0
35		4" RES to 6" RES MFS	67	67	67
36		6" RES to 8" RES MFS	118	118	118
37		0	0	0	0
38		0	0	0	0
39		0	0	0	0
40	<b>TOTAL</b>		<b>1,576</b>	<b>1,576</b>	<b>1,576</b>
41					
42	Total Service Charge Revenue Necessary (\$1,000's)		\$2,256		
43	Annual Cost per Meter Equivalent		\$1,431		
44	<b>Monthly Meter Equivalent Cost</b>		<b>\$3.35</b>	<b>\$1.81</b>	<b>\$2.01</b>
45					
46	<b>SERVICE CHARGE RATE BY METER SIZE</b>				
47		5/8 x 3/4" RES to 3/4" RES MFS	\$4.40	\$2.39	\$2.64
48		3/4" RES to 1" RES MFS	\$7.75	\$4.20	\$4.65
49		1" RES to 1-1/2" RES MFS	\$18.38	\$9.97	\$11.03
50		1-1/2" RES to 2" RES MFS	\$35.71	\$19.37	\$21.43
51		2" RES to 3" RES MFS	\$64.25	\$34.86	\$38.55
52		3" RES to 4" RES MFS	\$114.20	\$61.95	\$68.52
53		4" RES to 6" RES MFS	\$224.23	\$121.64	\$134.54

54	6" RES to 8" RES MFS	\$395.00	\$214.28	\$237.00
55	0	\$0.00	\$0.00	\$0.00
56	0	\$0.00	\$0.00	\$0.00
57	0	\$0.00	\$0.00	\$0.00
58				
59	<b><u>PROOF OF SERVICE CHARGE REVENUES</u></b>			
60	5/8 x 3/4" RES to 3/4" RES MFS	\$1,901	\$1,031	\$1,140
61	3/4" RES to 1" RES MFS	\$39,036	\$21,176	\$23,421
62	1" RES to 1-1/2" RES MFS	\$12,354	\$6,702	\$7,413
63	1-1/2" RES to 2" RES MFS	\$2,571	\$1,395	\$1,543
64	2" RES to 3" RES MFS	\$0	\$0	\$0
65	3" RES to 4" RES MFS	\$0	\$0	\$0
66	4" RES to 6" RES MFS	\$2,691	\$1,460	\$1,614
67	6" RES to 8" RES MFS	\$4,740	\$2,571	\$2,844
68	0	\$0	\$0	\$0
69	0	\$0	\$0	\$0
70	0	\$0	\$0	\$0
71				
72		<u>\$63,293</u>	<u>\$34,335</u>	<u>\$37,975</u>
73	variance			
74	% variance			

**CALIFORNIA AMERICAN WATER  
MONTEREY COUNTY DISTRICT  
MONTEREY MAIN RATE DESIGN**

**RESIDENTIAL & COMMERCIAL FIRE - NOTE ON HERE**

**Breakpoints are....**

**Do Not Erase - Tier Usage through Blocks are referenced in Present and Pro**

Monterey - Proposed Rates					
	SRES	MRES		Non-RES	
Tier 1	62.900%	62.800%	Div 1	70.445%	Tier 1 PERM
Tier 2	22.500%	25.600%	Div 2	5.747%	Tier 2 PERM
Tier 3	9.400%	5.700%	Div 3	21.034%	Tier 3 PERM
Tier 4	5.200%	5.900%	Div 4	2.774%	Tier 4 PERM
Tier 5	0.000%	0.000%	Div 5	0.000%	Tier 1 TEMP
Tier 6	0.000%	0.000%		0.000%	Tier 2 TEMP
	100.000%	100.000%		100.000%	

**Proposed Conservation Rates**

SINGLE FAMILY -- SRES			
Standard Components		Standard Rates	
SRES 2021			
Meter Size	(Total) Number of Meters	50% Meter Rate	Meter Revenues
5/8 x 3/4"	28,118	\$3.35	\$1,128,875
3/4"	212	\$5.02	\$12,767
1"	3,763	\$8.36	\$377,690
1-1/2"	257	\$16.73	\$51,590
2"	69	\$26.77	\$22,162
3"	0	\$50.18	\$0
4"	0	\$83.64	\$0
6"	0	\$167.28	\$0
8"	0	\$267.65	\$0
10"	0	\$0.00	\$0
12"	0	\$0.00	\$0
TOTAL	32,419		\$1,593,083
Check	32,419		
	<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>
62.90%	Block 1 12,775,110	\$767,529	\$0.0601
22.50%	Block 2 4,569,793	\$274,553	\$0.0601
9.40%	Block 3 1,909,158	\$114,702	\$0.0601
5.20%	Block 4 1,056,130	\$63,452	\$0.0601
0.00%	Block 5 0	\$0	\$0.0601
0.00%	Block 6 0	\$0	\$0.0601
100.00%	TOTAL	\$1,220,236	
	20,310,190		
	<b>TOTAL REVENUES (volume + meter)</b>	<b>\$2,813,319</b>	
		<b>\$2,813,319</b>	
Total			
Consumption	20,310,190	0.0601	SBR per 10cfs

MULTI FAMILY			
Standard Components		Standard Rates	
MRES 2021			
Meter Size	(Total) Number of Meters	50% Meter Rate	Meter Revenues
5/8 x 3/4"	1,052	\$3.35	\$42,235
3/4"	3	\$5.02	\$181
1"	408	\$8.36	\$40,951
1-1/2"	109	\$16.73	\$21,881
2"	83	\$26.77	\$26,658
3"	3	\$50.18	\$1,807

	4"	3	\$83.64	\$3,011
	6"	5	\$167.28	\$10,037
	8"	5	\$267.65	\$16,059
	10"	0	\$0.00	\$0
	12"	0	\$0.00	\$0
	TOTAL	1,671		\$162,819
	Check	1,671		
		<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>
62.80%	Block 1	3,073,382	\$184,649	\$0.0601
25.60%	Block 2	1,252,844	\$75,271	\$0.0601
5.70%	Block 3	278,953	\$16,760	\$0.0601
5.90%	Block 4	288,741	\$17,348	\$0.0601
0.00%	Block 5	0	\$0	\$0.0601
	Block 6	0		
	TOTAL	4,893,920	\$294,028	
		<b>TOTAL REVENUES</b>	<b>\$456,847</b>	
		Authorized	<b>\$456,847</b>	
	Total Consumption	4,893,920	\$0.0601	

### Non-Residential (COMM, INDR, OPUA, SLFR)

Standard Components		Standard Rates	
NRES 2021		50%	
Meter Size	(Total) Number of Meters	Meter Rate	Meter Revenues
5/8 x 3/4"	2149	\$3.35	\$86,278
3/4"	2	\$5.02	\$120
1"	738	\$8.36	\$74,073
1-1/2"	446	\$16.73	\$89,530
2"	450	\$26.77	\$144,532
3"	33	\$50.18	\$19,873
4"	22	\$83.64	\$22,081
6"	9	\$167.28	\$18,066
8"	9	\$267.65	\$28,906
10"	0	\$0.00	\$0
12"	0	\$0.00	\$0
TOTAL	3,858		\$483,459
Check	3,858		
		<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>
70.44%	Division 1	8,657,541	\$520,145
5.75%	Division 2	706,288	\$42,434
21.03%	Division 3	2,585,042	\$155,309
2.77%	Division 4	340,959	\$20,485
0.00%	Division 5	0	\$0
	TOTAL	12,289,830	\$738,373
		<b>TOTAL REVENUES</b>	<b>\$1,221,832</b>
		Authorized	<b>\$1,221,832</b>
	Total Consumption	12,289,830	\$0.0601

### Non-Residential - Construction

Standard Components		Standard Rates	
CSTR 2021		50%	
Meter Size	(Total) Number of Meters	Meter Rate	Meter Revenues
5/8 x 3/4"	0	\$3.35	\$0
3/4"	0	\$5.02	\$0
1"	2	\$8.36	\$201
1-1/2"	0	\$16.73	\$0
2"	0	\$26.77	\$0
3"	27	\$50.18	\$16,260
4"	0	\$83.64	\$0

	6"	0	\$167.28	\$0
	8"	0	\$267.65	\$0
	10"	0	\$0.00	\$0
	12"	0	\$0.00	\$0
	TOTAL	29		\$16,461
	Check	29		
		<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>
100.00%	All Usage	51,930	\$3,120	\$0.0601
			\$0	\$0.0601
			\$0	\$0.0601
	TOTAL	51,930	\$3,120	
		<b>TOTAL REVENUES</b>	<b>\$19,581</b>	
		Authorized	<b>\$19,581</b>	
	Total			
	Consumption	51,930	\$0.0601	

**Other Water Utility - Permanent/Temporary Service**

Standard Components		Standard Rates	
OTHR	2021	50%	0
Meter Size	(AVG) Number of Meters	Meter Rate	Meter Revenues
5/8 x 3/4"	0	\$3.35	\$0
3/4"	0	\$5.02	\$0
1"	0	\$8.36	\$0
1-1/2"	0	\$16.73	\$0
2"	0	\$26.77	\$0
3"	0	\$50.18	\$0
4"	0	\$83.64	\$0
6"	0	\$167.28	\$0
8"	0	\$267.65	\$0
10"	0	\$0.00	\$0
12"	0	\$0.00	\$0
TOTAL	0		\$0
	Check	0	
		<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>
70.44%	Block 1	0	\$0
5.75%	Block 2	0	\$0
21.03%	Block 3	0	\$0
2.77%	Block 4	0	\$0
	TOTAL	0	\$0
		<b>TOTAL REVENUES</b>	<b>\$0</b>
		Authorized	<b>\$0</b>
	Total		
	Consumption	0	\$0.0601

**Proposed Rate Revenue Worksheets**

OWU		Misc/Constr
70.445%	Tier 1	100.000%
5.747%	Tier 2	0.000%
21.034%		
2.774%		
0.000%		
0.000%		
100.000%		100.000%

**Conservation Rates - 2021**

Monterey County Main	MOC	RS020
<b>Conservation Rates</b>		
Meter Rate	Meter Revenues	
\$1.81	\$612,398	
\$2.96	\$7,526	
\$5.44	\$245,870	
\$14.50	\$44,723	
\$24.25	\$20,077	
\$45.46	\$0	
\$78.44	\$0	
\$164.84	\$0	
\$263.73	\$0	
\$0.00	\$0	
\$0.00	\$0	
	\$930,594	
<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>
\$625,980	100%	\$0.0490
\$335,880	150%	\$0.0735
\$374,195	400%	\$0.1960
\$310,502	600%	\$0.2940
\$0	0%	\$0.0000
\$0	0%	\$0.0000
\$1,646,557		<b>\$ 0.0490</b>
<b>\$2,813,470</b>	\$1,646,406 <--Qnty Rate Target	
<b>\$2,813,319</b>		
Cost Allocation Shift>>	\$ 236,319	

Monterey County Main	MOC	RS020
<b>Conservation Rates</b>		
Meter Rate	Meter Revenues	
\$1.81	\$22,912	
\$2.96	\$107	
\$5.44	\$26,658	
\$14.50	\$18,968	
\$24.25	\$24,151	
\$45.46	\$1,637	

\$78.44	\$2,824
\$164.84	\$9,890
\$263.73	\$15,824
\$0.00	\$0
\$0.00	\$0
	\$122,971

Volume Revenues	Factor	Quantity Rate (10cfs)
\$116,481	100%	\$0.0379
\$71,224	150%	\$0.0569
\$42,289	400%	\$0.1516
\$65,660	600%	\$0.2274
\$0	0%	\$0.0000
\$295,654		<b>\$0.0379</b>

<b>\$457,000</b>	\$295,502 <--Qnty Rate Target
<b>\$456,847</b>	

\$ 38,375

Monterey County Main	MOC	RS020
<b>Conservation Rates</b>		
Meter Rate	Meter Revenues	
\$2.01	\$51,767	
\$3.01	\$72	
\$5.02	\$44,444	
\$10.04	\$53,718	
\$16.06	\$86,719	
\$30.11	\$11,924	
\$50.18	\$13,249	
\$100.37	\$10,840	
\$160.59	\$17,344	
\$0.00	\$0	
\$0.00	\$0	
	\$290,076	
<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>
\$771,649	100%	\$0.0891
\$70,821	112.5%	\$0.1003
\$288,007	125%	\$0.1114
\$75,975	250%	\$0.2228
\$0	0%	\$0.0000
\$1,206,451		<b>\$0.0891</b>
\$	274,694	
<b>\$1,221,832</b>	\$1,206,451 <--Qnty Rate Target	
<b>\$1,221,832</b>		

Monterey County Main	MOC	RS020
<b>Conservation Rates</b>		
Meter Rate	Meter Revenues	
\$2.01	\$0	
\$3.01	\$0	
\$5.02	\$120	
\$10.04	\$0	
\$16.06	\$0	
\$30.11	\$9,756	
\$50.18	\$0	



\$100.37	\$0
\$160.59	\$0
\$0.00	\$0
\$0.00	\$0
	\$9,876

<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>
\$9,667	500%	\$0.1861
\$0		\$0.0000
\$0		\$0.0000

\$9,667	<b>\$0.0372</b>
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<b>\$19,543</b>	\$9,704 <--Qnty Rate Target
<b>\$19,581</b>	

<b>Monterey County Main</b>	<b>MOC</b>	<b>RS020</b>
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**Conservation Rates**

0%

Meter Rate	Meter Revenues
------------	----------------

\$3.35	\$0
\$5.02	\$0
\$8.36	\$0
\$16.73	\$0
\$26.77	\$0
\$50.18	\$0
\$83.64	\$0
\$167.28	\$0
\$267.65	\$0
\$0.00	\$0
\$0.00	\$0
	\$0

<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>
\$0	100%	\$0.0340
\$0	200%	\$0.0681
\$0	800%	\$0.2723

\$0	<b>\$0.0340</b>
-----	-----------------

<b>\$0</b>	\$0 <--Qnty Rate Target
<b>\$0</b>	

**CALIFORNIA AMERICAN WATER  
Revenue Proof**

	Meter Revenue	Volumetric Revenue	Total
SINGLE FAMILY -- SRES	930,594.44	1,646,557.00	2,577,151.44
MULTI FAMILY	122,970.59	295,654.43	418,625.02
COMMERCIAL	220,399.19	1,023,745.05	1,244,144.24
INDUSTRIAL	1,168.30	5,053.62	6,221.92
PUBLIC AUTHORITY	68,194.99	176,526.11	244,721.11
SALES FOR RESALE	313.15	1,125.97	1,439.12
CONSTRUCTION	9,876.35	9,666.69	19,543.04
Other Water Utility - Permanent/Temporary Service	-	-	-
<b>Total</b>			<b>4,511,845.88</b>
Revenue Requirement			4,511,725.54
Difference (%)			0.00%

Customer Class	Meter Size	Number of Meters	Meter Rate	Meter Revenue per Year
Commercial	5/8 x 3/4"	1,998.00	2.0	48,129.14
Commercial	3/4"	1	3.0	36.13
Commercial	1"	620	5.0	37,337.42
Commercial	1-1/2"	338	10.0	40,709.83
Commercial	2"	350	16.1	67,448.25
Commercial	3"	22	30.1	7,949.26
Commercial	4"	12	50.2	7,226.60
Commercial	6"	8	100.4	9,635.46
Commercial	8"	1	160.6	1,927.09
Industrial	1"	1	5.0	60.22
Industrial	1-1/2"	1	10.0	120.44
Industrial	2"	2	16.1	385.42
Industrial	4"	1	50.2	602.22
Public Authority	5/8 x 3/4"	151	2.0	3,637.39
Public Authority	3/4"	1	3.0	36.13
Public Authority	1"	117	5.0	7,045.93
Public Authority	1-1/2"	106	10.0	12,766.99
Public Authority	2"	97	16.1	18,692.80
Public Authority	3"	11	30.1	3,974.63
Public Authority	4"	9	50.2	5,419.95
Public Authority	6"	1	100.4	1,204.43
Public Authority	8"	8	160.6	15,416.74
Sales for Resale	1-1/2"	1	10.0	120.44
Sales for Resale	2"	1	16.1	192.71
<b>Total</b>		<b>3858.0</b>		<b>290,075.6</b>
		<b>3,858</b>		<b>290,075.63</b>
		<b>TRUE</b>		<b>TRUE</b>

	Consumption 10 Cf	Rates	Revenue
<b>Commercial</b>			
70.44% Division 1	7,346,437	0.0891	654,789.83
5.75% Division 2	599,327	0.1003	60,095.49
21.03% Division 3	2,193,561	0.1114	244,390.85
2.77% Division 4	289,324	0.2228	64,468.89
<b>Total</b>	<b>10428650</b>		<b>1,023,745.05</b>
<b>Industrial</b>			
70.44% Division 1	36,265	0.0891	3,232.31
5.75% Division 2	2,959	0.1003	296.66
21.03% Division 3	10,828	0.1114	1,206.41
2.77% Division 4	1,428	0.2228	318.24
<b>Total</b>	<b>51480</b>		<b>5,053.62</b>
<b>Public Authority</b>			
70.44% Division 1	1,266,759	0.0891	112,906.53
5.75% Division 2	103,343	0.1003	10,362.37
21.03% Division 3	378,240	0.1114	42,140.73
2.77% Division 4	49,889	0.2228	11,116.48
<b>Total</b>	<b>1798230</b>		<b>176,526.11</b>

Sales for Resale

70.44%	Division 1	8,080	0.0891	720.17
5.75%	Division 2	659	0.1003	66.10
21.03%	Division 3	2,413	0.1114	268.79
2.77%	Division 4	318	0.2228	70.91
<u>Total</u>		11470		1,125.97
		12,289,830.00		1,206,450.75

<b>CALIFORNIA-AMERICAN WATER COMPANY</b>		<b>Wkpr. 125</b>
<b>CENTRAL DIVISION</b>	<b>CEN</b>	
<b>Additional Rates</b>		
Schedule No. MO-1		
General Metered Service		
Residential and Multi-Residential -		

*Single Family Quantity Rates*

Description	Rates Per 100 CF	Rate Conversion Factor (1/7.48)	Schedule No. MO-1-SF	Schedule No. CA-LIRA
			NEW RATES PER 100 GAL (CGL)	NEW RATES PER 100 GAL (CGL)
1 Block 1	\$0.4900 x	0.1337 =	\$0.0655	\$ 0.0459
2 Block 2	\$0.7350 x	0.1337 =	\$0.0983	\$ 0.0688
3 Block 3	\$1.9600 x	0.1337 =	\$0.2620	\$ 0.1834
4 Block 4	\$2.9400 x	0.1337 =	\$0.3930	\$0.2751

*Multi-Family Quantity Rates*

Description	Rates Per 100 CF	Rate Conversion Factor (1/0.748)	Schedule No. MO-1-MF	Schedule No. CA-LIRA
			NEW RATES PER 100 GAL (CGL)	NEW RATES PER 100 GAL (CGL)
6 Block 1	\$0.3790 x	0.1337 =	\$0.0507	\$ 0.0355
7 Block 2	\$0.5685 x	0.1337 =	\$0.0760	\$ 0.0532
8 Block 3	\$1.5160 x	0.1337 =	\$0.2027	\$ 0.1419
9 Block 4	\$2.2740 x	0.1337 =	\$ 0.3040	\$ 0.2128

*Single Family & Multi-Family Meter Charges*

Description	Schedule No. MO-1-SF and MO-1-MF	Schedule No. CA-LIRA	Description	RFPS Service Charge
	New Per Meter per Month	Low Income Customers		
11 5/8 inch	\$1.81	\$ 1.45	3/4-inch to 5/8-inch	\$1.81
12 3/4 inch	\$2.96	\$ 2.37	1-inch to 3/4-inch	\$2.96
13 1 inch	\$5.44	\$ 4.36	1 1/2-inch to 1-inch	\$5.44
14 1 1/2 inch	\$14.50	\$ 11.60	2-inch to 1 1/2-inch	\$14.50
15 2 inch	\$24.25	\$ 19.40	3-inch to 2-inch	\$24.25
16 3 inch	\$45.46	\$ 36.37	4-inch to 3-inch	\$45.46
17 4 inch	\$78.44	\$ 62.75	6-inch to 4-inch	\$78.44
18 6 inch	\$164.84	\$ 131.87	8-inch to 6-inch	\$164.84
19 8 inch	\$ 263.73	\$ 210.99		

Schedule No. MO-1C - General Metered Service (for prop. CPUC Sheet 7320-W)

General Metered Service

Non-Residential Customers (COMM, INDR, OPUA, SLFR)

*Quantity Rates*

			<b>Schedule No. MO-1C</b>	
Description	Rates Per 100 CF		<i>Rate Conversion Factor</i>	<b>NEW RATES PER 100 GAL (CGL)</b>
			<i>(1/0.748)</i>	
Division 1	\$0.8913 x		0.1337	\$0.1192
Division 2	\$1.0027 x		0.1337	\$0.1341
Division 3	\$1.1141 x		0.1337	\$0.1489
Division 4	\$2.2283 x		0.1337	\$0.2979

*Meter Charges*

		<b>Schedule No. MO-1C</b>	
Description		<b>NEW PER METER PER MONTH</b>	
		5/8 inch	
3/4 inch		\$3.01	
1 inch		\$5.02	
1 1/2 inch		\$10.04	
2 inch		\$16.06	
3 inch		\$30.11	
4 inch		\$50.18	
6 inch		\$100.37	
8 inch		\$160.59	

Schedule No. MO-10 - General Metered Service  
 General Metered Service  
 Other Customers

*MISC & CONSTRUCTION*

Schedule No. MO-10 - Misc. & Construction  
 Quantity Rates - Monterey Main, Hidden Hills, Ryan Ranch, and Bishop Systems

**Misc & Construction**

*Quantity Rates*

Description	Rates Per 100 CF	Rate Conversion Factor <i>(1/0.748)</i>	Schedule No. MO- 10
			NEW RATES PER 100 GAL (CGL)
Miscellaneous & Construction	\$1.8615	0.1337	\$0.2489

*Meter Charges*

Monterey Main, Hidden Hills, Ryan Ranch, and Bishop Systems:

**Schedule No. MO-  
10**

Description	NEW PER METER PER MONTH
5/8 inch	\$2.01
3/4 inch	\$3.01
1 inch	\$5.02
1 1/2 inch	\$10.04
2 inch	\$16.06
3 inch	\$30.11
4 inch	\$50.18
6 inch	\$100.37
8 inch	\$160.59

CALIFORNIA-AMERICAN WATER COMPANY CENTRAL DIVISION REVENUE CALCULATION FOR ADDITIONAL RATES				
			2022	
Line Number	Description	RS020		
1	Total Revenue Requirement	8,739		
2	Other Revenues	0		
<hr/>				
3	Total Water Service Revenue Requirement	8,739		
4				
5				
6				
7	Revenue recovered from Private Fire Reserved	0		
8				
15				
16	Total other revenues	0		
17				
31				
32	revenues to be collected from metered customers	8,739		
33				
34	<b>Calculation of Standard Rates</b>			
35	50% of revenue requirement - Allowed Service Charge Revenue	4,369		
36	Remaining 50% of Revenue Requirement To be Recovered in Quantinty Rates	4,369		
37				
38	Total Water Sales -General Metered Service	3,755		
39				
40	Standard Quantinty Rates (Per CCFS)	1.1637		
41				
42				
43	<b>Calculation of Conservation Rates</b>			
44				
45	Percentage of Revenue Requirement To Be Recovered From Service Charges	30%		
46				
47	Revenue To Be Recovered From Service Charges	2,622		
48				
49	Revenue To Be Recovered From Quantitiy Charges	6,117		
50				
51	Total Water Sales -General Metered Service	3,755		
52				
53	Conservation Quantinty Rates (Per CCFS)	1.6292		

CALIFORNIA-AMERICAN WATER COMPANY CENTRAL DIVISION REVENUE CALCULATION FOR ADDITIONAL RATES					
Line Number	Description	Water & RFS Meter Sizes	Standard Rates	Conservation Rates Residential	Conservation Rates Non Residential
			Escalation Year	Escalation Year	Escalation Year
			2022	2022	2022
			RS020	RS020	RS020
1	<b>Customers by Meter Size</b>				
2		0"	0	0	0
3		5/8 x 3/4"	31,319	29,170	2,149
4		3/4"	217	215	2
5		1"	4,911	4,171	740
6		1-1/2"	812	366	446
7		2"	602	152	450
8		3"	63	3	60
9		4"	25	3	22
10		6"	14	5	9
11		8"	14	5	9
12		10"	0	0	0
13	<b>TOTAL Average Customers</b>		<b>37,977</b>	<b>34,090</b>	<b>3,887</b>
14					
15	<b>Meter Equivalentents by Meter Size</b>				
16		0"	1	1.0	1
17		5/8 x 3/4"	1	1.0	1
18		3/4"	1.5	1.6	1.5
19		1"	2.5	3.0	2.5
20		1-1/2"	5	8.0	5
21		2"	8	13.4	8
22		3"	15	25.1	15
23		4"	25	43.2	25
24		6"	50	90.8	50
25		8"	80.0	145.3	80.0
26		10"			
27					
28	<b>Total Meter Equivalentents</b>				
29		0"	0	0	0
30		5/8 x 3/4"	31,319	29,170	2,149
31		3/4"	326	350	3
32		1"	12,278	12,513	1,850
33		1-1/2"	4,060	2,924	2,230
34		2"	4,816	2,031	3,600
35		3"	945	75	900
36		4"	625	130	550
37		6"	700	454	450
38		8"	1,120	727	720
39		10"	0	0	0
40	<b>TOTAL</b>		<b>56,189</b>	<b>48,374</b>	<b>12,452</b>
41					
42	Total Service Charge Revenue Necessary (\$1,000)		\$4,369	\$2,040.59	\$581
43	Annual Cost per Meter Equivalentent		\$78	\$42.18	\$47
44	<b>Monthly Meter Equivalentent Cost</b>		<b>\$6.48</b>	<b>\$3.52</b>	<b>\$3.89</b>
45					
46	<b><u>SERVICE CHARGE RATE BY METER SIZE</u></b>				
47		0"	\$6.48	\$3.52	\$3.89
48		5/8 x 3/4"	\$6.48	\$3.52	\$3.89
49		3/4"	\$9.72	\$5.73	\$5.83
50		1"	\$16.20	\$10.55	\$9.72
51		1-1/2"	\$32.40	\$28.09	\$19.44
52		2"	\$51.84	\$46.96	\$31.10
53		3"	\$97.20	\$88.06	\$58.32



54		4"	\$162.00	\$151.93	\$97.20
55		6"	\$324.00	\$319.26	\$194.40
56		8"	\$518.40	\$510.81	\$311.04
57		10"	\$0.00	\$0.00	\$0.00
58					
59	<b><u>PROOF OF SERVICE CHARGE REVENUES</u></b>				
60		0"	\$0	\$0	\$0
61		5/8 x 3/4"	\$2,435,363	\$1,230,497	\$100,264
62		3/4"	\$25,311	\$14,783	\$140
63		1"	\$954,697	\$527,844	\$86,314
64		1-1/2"	\$315,705	\$123,359	\$104,043
65		2"	\$374,492	\$85,663	\$167,961
66		3"	\$73,483	\$3,170	\$41,990
67		4"	\$48,600	\$5,470	\$25,661
68		6"	\$54,432	\$19,156	\$20,995
69		8"	\$87,091	\$30,649	\$33,592
70		10"	\$0	\$0	\$0
71					
72			\$4,369,174	\$2,040,591	\$580,960
73	variance		(0)	(0)	0
74	% variance		0.00%	0.00%	0.00%

CALIFORNIA-AMERICAN WATER COMPANY CENTRAL DIVISION REVENUE CALCULATION FOR ADDITIONAL RATES					
Line Number	Description	Water & RFS Meter Sizes	Standard Rates	Conservation Rates	Conservation Rates
			Escalation Year	Residential	Non Residential
			2022	Escalation Year	Escalation Year
			RS020	RS020	RS020
1	<b>Customers by Meter Size</b>				
2		5/8 x 3/4" RES to 3/4" RES MFS	36	36	36
3		3/4" RES to 1" RES MFS	420	420	420
4		1" RES to 1-1/2" RES MFS	56	56	56
5		1-1/2" RES to 2" RES MFS	6	6	6
6		2" RES to 3" RES MFS	0	0	0
7		3" RES to 4" RES MFS	0	0	0
8		4" RES to 6" RES MFS	1	1	1
9		6" RES to 8" RES MFS	1	1	1
10					
11					
12					
13	<b>TOTAL Average Customers</b>		<b>520</b>	<b>520</b>	<b>520</b>
14					
15	<b>Meter Equivalentents by Meter Size</b>				
16		5/8 x 3/4" RES to 3/4" RES MFS	1.3	1.3	1.3
17		3/4" RES to 1" RES MFS	2.3	2.3	2.3
18		1" RES to 1-1/2" RES MFS	5.5	5.5	5.5
19		1-1/2" RES to 2" RES MFS	10.7	10.7	10.7
20		2" RES to 3" RES MFS	19.2	19.2	19.2
21		3" RES to 4" RES MFS	34.1	34.1	34.1
22		4" RES to 6" RES MFS	67.0	67.0	67.0
23		6" RES to 8" RES MFS	118.1	118.1	118.1
24		0	0.0	0.0	0.0
25		0	0.0	0.0	0.0
26		0			
27					
28	<b>Total Meter Equivalentents</b>				
29		5/8 x 3/4" RES to 3/4" RES MFS	47	47	47
30		3/4" RES to 1" RES MFS	972	972	972
31		1" RES to 1-1/2" RES MFS	308	308	308
32		1-1/2" RES to 2" RES MFS	64	64	64
33		2" RES to 3" RES MFS	0	0	0
34		3" RES to 4" RES MFS	0	0	0
35		4" RES to 6" RES MFS	67	67	67
36		6" RES to 8" RES MFS	118	118	118
37		0	0	0	0
38		0	0	0	0
39		0	0	0	0
40	<b>TOTAL</b>		<b>1,576</b>	<b>1,576</b>	<b>1,576</b>
41					
42	Total Service Charge Revenue Necessary (\$1,000's)		\$4,369		
43	Annual Cost per Meter Equivalent		\$2,772		
44	<b>Monthly Meter Equivalent Cost</b>		<b>\$6.48</b>	<b>\$3.52</b>	<b>\$3.89</b>
45					
46	<b>SERVICE CHARGE RATE BY METER SIZE</b>				
47		5/8 x 3/4" RES to 3/4" RES MFS	\$8.52	\$4.62	\$5.11
48		3/4" RES to 1" RES MFS	\$15.00	\$8.14	\$9.00
49		1" RES to 1-1/2" RES MFS	\$35.61	\$19.32	\$21.36
50		1-1/2" RES to 2" RES MFS	\$69.17	\$37.53	\$41.50
51		2" RES to 3" RES MFS	\$124.45	\$67.51	\$74.67
52		3" RES to 4" RES MFS	\$221.19	\$119.99	\$132.72
53		4" RES to 6" RES MFS	\$434.29	\$235.60	\$260.57

54	6" RES to 8" RES MFS	\$765.06	\$415.03	\$459.04
55	0	\$0.00	\$0.00	\$0.00
56	0	\$0.00	\$0.00	\$0.00
57	0	\$0.00	\$0.00	\$0.00
58				
59	<b><u>PROOF OF SERVICE CHARGE REVENUES</u></b>			
60	5/8 x 3/4" RES to 3/4" RES MFS	\$3,681	\$1,997	\$2,209
61	3/4" RES to 1" RES MFS	\$75,606	\$41,015	\$45,364
62	1" RES to 1-1/2" RES MFS	\$23,928	\$12,981	\$14,357
63	1-1/2" RES to 2" RES MFS	\$4,981	\$2,702	\$2,988
64	2" RES to 3" RES MFS	\$0	\$0	\$0
65	3" RES to 4" RES MFS	\$0	\$0	\$0
66	4" RES to 6" RES MFS	\$5,211	\$2,827	\$3,127
67	6" RES to 8" RES MFS	\$9,181	\$4,980	\$5,508
68	0	\$0	\$0	\$0
69	0	\$0	\$0	\$0
70	0	\$0	\$0	\$0
71				
72		<u>\$122,588</u>	<u>\$66,502</u>	<u>\$73,553</u>
73	variance			
74	% variance			

**CALIFORNIA AMERICAN WATER  
MONTEREY COUNTY DISTRICT  
MONTEREY MAIN RATE DESIGN**

**RESIDENTIAL & COMMERCIAL FIRE - NOTE ON HERE**

Breakpoints are....

**Do Not Erase - Tier Usage through Blocks are referenced in Present and Proposed Rate Revenue Worksheets**

Monterey - Proposed Rates									
	SRES	MRES		Non-RES		OWU		Misc/Constr	
Tier 1	62.900%	62.800%	Div 1	70.445%	Tier 1 PERM	70.445%	Tier 1	100.000%	
Tier 2	22.500%	25.600%	Div 2	5.747%	Tier 2 PERM	5.747%	Tier 2	0.000%	
Tier 3	9.400%	5.700%	Div 3	21.034%	Tier 3 PERM	21.034%			
Tier 4	5.200%	5.900%	Div 4	2.774%	Tier 4 PERM	2.774%			
Tier 5	0.000%	0.000%	Div 5	0.000%	Tier 1 TEMP	0.000%			
Tier 6	0.000%	0.000%		0.000%	Tier 2 TEMP	0.000%			
	100.000%	100.000%		100.000%		100.000%			100.000%

**Proposed Conservation Rates - 2021**

SINGLE FAMILY -- SRES			Monterey County Main		MOC	RS020
Standard Components SRES 2021			Standard Rates		Conservation Rates	
Meter Size	(Total) Number of Meters	50% Meter Rate	Meter Revenues	Meter Rate	Meter Revenues	
5/8 x 3/4"	28,118	\$6.48	\$2,186,453	\$3.52	\$1,186,119	
3/4"	212	\$9.72	\$24,728	\$5.73	\$14,577	
1"	3,763	\$16.20	\$731,526	\$10.55	\$476,211	
1-1/2"	257	\$32.40	\$99,921	\$28.09	\$86,621	
2"	69	\$51.84	\$42,923	\$46.96	\$38,887	
3"	0	\$97.20	\$0	\$88.06	\$0	
4"	0	\$162.00	\$0	\$151.93	\$0	
6"	0	\$324.00	\$0	\$319.26	\$0	
8"	0	\$518.40	\$0	\$510.81	\$0	
10"	0	\$0.00	\$0	\$0.00	\$0	
12"	0	\$0.00	\$0	\$0.00	\$0	
TOTAL	32,419		\$3,085,552		\$1,802,415	
Check	32,419					
	<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>	<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>
62.90%	Block 1 12,775,110	\$1,486,639	\$0.1164	\$1,212,358	100%	\$0.0949
22.50%	Block 2 4,569,793	\$531,787	\$0.1164	\$650,510	150%	\$0.1424
9.40%	Block 3 1,909,158	\$222,169	\$0.1164	\$724,716	400%	\$0.3796
5.20%	Block 4 1,056,130	\$122,902	\$0.1164	\$601,360	600%	\$0.5694
0.00%	Block 5 0	\$0	\$0.1164	\$0	0%	\$0.0000
0.00%	Block 6 0	\$0	\$0.1164	\$0	0%	\$0.0000
100.00%	TOTAL 20,310,190	\$2,363,497		\$3,188,944		<b>\$ 0.0949</b>
	TOTAL REVENUES (volume + meter)	<b>\$5,449,049</b>		<b>\$5,449,079</b>		\$3,188,914 <--Qnty Rate Target
	Total Consumption	<b>\$5,449,049</b>		<b>\$5,449,049</b>		
		0.1164 SBR per 10cfs		Cost Allocation Shift->	\$ 457,720	

MULTI FAMILY			Monterey County Main		MOC	RS020
Standard Components MRES 2021			Standard Rates		Conservation Rates	
Meter Size	(Total) Number of Meters	50% Meter Rate	Meter Revenues	Meter Rate	Meter Revenues	
5/8 x 3/4"	1,052	\$6.48	\$81,803	\$3.52	\$44,377	
3/4"	3	\$9.72	\$350	\$5.73	\$206	
1"	408	\$16.20	\$79,315	\$10.55	\$51,633	
1-1/2"	109	\$32.40	\$42,379	\$28.09	\$36,738	
2"	83	\$51.84	\$51,633	\$46.96	\$46,777	
3"	3	\$97.20	\$3,499	\$88.06	\$3,170	
4"	3	\$162.00	\$5,832	\$151.93	\$5,470	
6"	5	\$324.00	\$19,440	\$319.26	\$19,156	
8"	5	\$518.40	\$31,104	\$510.81	\$30,649	
10"	0	\$0.00	\$0	\$0.00	\$0	
12"	0	\$0.00	\$0	\$0.00	\$0	
TOTAL	1,671		\$315,355		\$238,175	
Check	1,671					
	<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>	<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>
62.80%	Block 1 3,073,382	\$357,649	\$0.1164	\$225,494	100%	\$0.0734
25.60%	Block 2 1,252,844	\$145,793	\$0.1164	\$137,882	150%	\$0.1101
5.70%	Block 3 278,953	\$32,462	\$0.1164	\$81,867	400%	\$0.2935
5.90%	Block 4 288,741	\$33,601	\$0.1164	\$127,110	600%	\$0.4402
0.00%	Block 5 0	\$0	\$0.1164	\$0	0%	\$0.0000
0.00%	Block 6 0	\$0	\$0.1164	\$0	0%	\$0.0000
	TOTAL 4,893,920	\$569,505		\$572,353		<b>\$0.0734</b>
	TOTAL REVENUES Authorized	<b>\$884,860</b>		<b>\$884,856</b>		\$572,357 <--Qnty Rate Target
	Total Consumption	<b>\$884,860</b>		<b>\$884,860</b>		
		\$0.1164		\$ 74,328		

Non-Residential (COMM, INDR, OPUA, SLFR)			Monterey County Main		MOC	RS020
Standard Components NRES 2021			Standard Rates		Conservation Rates	
Meter Size	(Total) Number of Meters	50% Meter Rate	Meter Revenues	Meter Rate	Meter Revenues	
5/8 x 3/4"	2149	\$6.48	\$167,106	\$3.89	\$100,264	
3/4"	2	\$9.72	\$233	\$5.83	\$140	
1"	738	\$16.20	\$143,467	\$9.72	\$86,080	
1-1/2"	446	\$32.40	\$173,405	\$19.44	\$104,043	

	2"	450	\$51.84	\$279,936	\$31.10	\$167,961	
	3"	33	\$97.20	\$38,491	\$58.32	\$23,095	
	4"	22	\$162.00	\$42,768	\$97.20	\$25,661	
	6"	9	\$324.00	\$34,992	\$194.40	\$20,995	
	8"	9	\$518.40	\$55,987	\$311.04	\$33,592	
	10"	0	\$0.00	\$0	\$0.00	\$0	
	12"	0	\$0.00	\$0	\$0.00	\$0	
	TOTAL	3,858		\$936,385		\$561,831	
	Check	3,858					
		<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>	<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>
70.44%	Division 1	8,657,541	\$1,007,478	\$0.1164	\$1,494,595	100%	\$0.1726
5.75%	Division 2	706,288	\$82,191	\$0.1164	\$137,171	112.5%	\$0.1942
21.03%	Division 3	2,585,042	\$300,821	\$0.1164	\$557,836	125%	\$0.2158
2.77%	Division 4	340,959	\$39,677	\$0.1164	\$147,154	250%	\$0.4316
0.00%	Division 5	0	\$0	\$0.1164	\$0	0%	\$0.0000
	TOTAL	12,289,830	\$1,430,167		\$2,336,756		<b>\$0.1726</b>
					\$	532,048	
		TOTAL REVENUES	<b>\$2,366,552</b>		<b>\$2,366,538</b>	\$2,336,769	<--Qnty Rate Target
		Authorized	<b>\$2,366,552</b>		<b>\$2,366,552</b>		
	Total						
	Consumption	12,289,830	\$0.1164				

Non-Residential - Construction		Monterey County Main		MOC	RS020		
Standard Components		Standard Rates		Conservation Rates			
CSTR 2021							
(Total)		50%		00%			
Meter Size	Number of Meters	Meter Rate	Meter Revenues	Meter Rate	Meter Revenues		
5/8 x 3/4"	0	\$6.48	\$0	\$3.89	\$0		
3/4"	0	\$9.72	\$0	\$5.83	\$0		
1"	2	\$16.20	\$389	\$9.72	\$233		
1-1/2"	0	\$32.40	\$0	\$19.44	\$0		
2"	0	\$51.84	\$0	\$31.10	\$0		
3"	27	\$97.20	\$31,493	\$58.32	\$18,896		
4"	0	\$162.00	\$0	\$97.20	\$0		
6"	0	\$324.00	\$0	\$194.40	\$0		
8"	0	\$518.40	\$0	\$311.04	\$0		
10"	0	\$0.00	\$0	\$0.00	\$0		
12"	0	\$0.00	\$0	\$0.00	\$0		
TOTAL	29		\$31,882		\$19,129		
Check	29						
	<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>	<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>	
100.00%	All Usage	51,930	\$6,043	\$0.1164	\$18,799	500%	\$0.3620
			\$0	\$0.1164	\$0		\$0.0000
			\$0	\$0.1164	\$0		\$0.0000
	TOTAL	51,930	\$6,043		\$18,799		<b>\$0.0724</b>
		TOTAL REVENUES	<b>\$37,925</b>		<b>\$37,928</b>	\$18,796	<--Qnty Rate Target
		Authorized	<b>\$37,925</b>		<b>\$37,925</b>		
	Total						
	Consumption	51,930	\$0.1164				

Other Water Utility - Permanent/Temporary Service		Monterey County Main		MOC	RS020		
Standard Components		Standard Rates		Conservation Rates			
OTHR 2021							
(AVG)		50%		00%			
Meter Size	Number of Meters	Meter Rate	Meter Revenues	Meter Rate	Meter Revenues		
5/8 x 3/4"	0	\$6.48	\$0	\$6.48	\$0		
3/4"	0	\$9.72	\$0	\$9.72	\$0		
1"	0	\$16.20	\$0	\$16.20	\$0		
1-1/2"	0	\$32.40	\$0	\$32.40	\$0		
2"	0	\$51.84	\$0	\$51.84	\$0		
3"	0	\$97.20	\$0	\$97.20	\$0		
4"	0	\$162.00	\$0	\$162.00	\$0		
6"	0	\$324.00	\$0	\$324.00	\$0		
8"	0	\$518.40	\$0	\$518.40	\$0		
10"	0	\$0.00	\$0	\$0.00	\$0		
12"	0	\$0.00	\$0	\$0.00	\$0		
TOTAL	0		\$0		\$0		
Check	0						
	<b>Consumption (10cfs)</b>	<b>Volume Revenues</b>	<b>Quantity Rate (10cfs)</b>	<b>Volume Revenues</b>	<b>Factor</b>	<b>Quantity Rate (10cfs)</b>	
70.44%	Block 1	0	\$0	\$0.1164	\$0	100%	\$0.0340
5.75%	Block 2	0	\$0	\$0.1164	\$0	200%	\$0.0681
21.03%	Block 3	0	\$0	\$0.1164	\$0	800%	\$0.2723
2.77%	Block 4	0					
	TOTAL	0	\$0		\$0		<b>\$0.0340</b>
		TOTAL REVENUES	<b>\$0</b>		<b>\$0</b>	\$0	<--Qnty Rate Target
		Authorized	<b>\$0</b>		<b>\$0</b>		
	Total						
	Consumption	0	\$0.1164				

**CALIFORNIA AMERICAN WATER  
Revenue Proof**

	Meter Revenue	Volumetric Revenue	Total
SINGLE FAMILY -- SRES	1,802,415.22	3,188,944.00	4,991,359.22
MULTI FAMILY	238,174.71	572,352.66	810,527.37
COMMERCIAL	426,878.60	1,982,875.73	2,409,754.33
INDUSTRIAL	2,262.81	9,788.27	12,051.08
PUBLIC AUTHORITY	132,082.99	341,910.66	473,993.65
SALES FOR RESALE	606.53	2,180.88	2,787.40
CONSTRUCTION	19,128.94	18,798.66	37,927.60
Other Water Utility - Permanent/Temporary Service	-	-	-
<b>Total</b>			<b>8,738,401</b>
Revenue Requirement			8,738,504
Difference (%)			0.00%

Customer Class	Meter Size	Number of Meters	Meter Rate	Meter Revenue per Year
Commercial	5/8 x 3/4"	1,998.00	3.9	93,218.58
Commercial	3/4"	1	5.8	69.98
Commercial	1"	620	9.7	72,316.72
Commercial	1-1/2"	338	19.4	78,848.55
Commercial	2"	350	31.1	130,636.65
Commercial	3"	22	58.3	15,396.46
Commercial	4"	12	97.2	13,996.78
Commercial	6"	8	194.4	18,662.38
Commercial	8"	1	311.0	3,732.48
Industrial	1"	1	9.7	116.64
Industrial	1-1/2"	1	19.4	233.28
Industrial	2"	2	31.1	746.50
Industrial	4"	1	97.2	1,166.40
Public Authority	5/8 x 3/4"	151	3.9	7,045.05
Public Authority	3/4"	1	5.8	69.98
Public Authority	1"	117	9.7	13,646.86
Public Authority	1-1/2"	106	19.4	24,727.65
Public Authority	2"	97	31.1	36,205.02
Public Authority	3"	11	58.3	7,698.23
Public Authority	4"	9	97.2	10,497.59
Public Authority	6"	1	194.4	2,332.80
Public Authority	8"	8	311.0	29,859.81
Sales for Resale	1-1/2"	1	19.4	233.28
Sales for Resale	2"	1	31.1	373.25
<b>Total</b>		<b>3858.0</b>		<b>561,830.9</b>
		<b>3,858</b>		<b>561,830.92</b>
		<b>TRUE</b>		<b>TRUE</b>

	Consumption 10 C	Rates	Revenue
<b>Commercial</b>			
70.44% Division 1	7,346,437	0.1726	1,268,252.15
5.75% Division 2	599,327	0.1942	116,398.01
21.03% Division 3	2,193,561	0.2158	473,356.80
2.77% Division 4	289,324	0.4316	124,868.78
<b>Total</b>	<b>10428650</b>		<b>1,982,875.73</b>
<b>Industrial</b>			
70.44% Division 1	36,265	0.1726	6,260.60
5.75% Division 2	2,959	0.1942	574.59
21.03% Division 3	10,828	0.2158	2,336.68
2.77% Division 4	1,428	0.4316	616.40
<b>Total</b>	<b>51480</b>		<b>9,788.27</b>
<b>Public Authority</b>			
70.44% Division 1	1,266,759	0.1726	218,686.89
5.75% Division 2	103,343	0.1942	20,070.71

21.03%	Division 3	378,240	0.2158	81,621.72
2.77%	Division 4	49,889	0.4316	21,531.34
<u>Total</u>		<u>1798230</u>		<u>341,910.66</u>
Sales for Resale				
70.44%	Division 1	8,080	0.1726	1,394.89
5.75%	Division 2	659	0.1942	128.02
21.03%	Division 3	2,413	0.2158	520.62
2.77%	Division 4	318	0.4316	137.34
<u>Total</u>		<u>11470</u>		<u>2,180.88</u>
		12,289,830.00		2,336,755.54

<b>CALIFORNIA-AMERICAN WATER COMPANY</b>		<b>Wkpr. 125</b>
<b>CENTRAL DIVISION</b>	<b>CEN</b>	
<b>Additional Rates</b>		
Schedule No. MO-1		
General Metered Service		
Residential and Multi-Residential -		

*Single Family Quantity Rates*

Description	Rates Per 100 CF	Rate Conversion Factor (1/7.48)	Schedule No. MO-1-SF	Schedule No. CA-LIRA
			NEW RATES PER 100 GAL (CGL)	NEW RATES PER 100 GAL (CGL)
1 Block 1	\$0.9490 x	0.1337 =	\$0.1269	\$ 0.0888
2 Block 2	\$1.4235 x	0.1337 =	\$0.1903	\$ 0.1332
3 Block 3	\$3.7960 x	0.1337 =	\$0.5075	\$ 0.3552
4 Block 4	\$5.6940 x	0.1337 =	\$0.7612	\$0.5329

*Multi-Family Quantity Rates*

Description	Rates Per 100 CF	Rate Conversion Factor (1/0.748)	Schedule No. MO-1-MF	Schedule No. CA-LIRA
			NEW RATES PER 100 GAL (CGL)	NEW RATES PER 100 GAL (CGL)
6 Block 1	\$0.7337 x	0.1337 =	\$0.0981	\$ 0.0687
7 Block 2	\$1.1006 x	0.1337 =	\$0.1471	\$ 0.1030
8 Block 3	\$2.9348 x	0.1337 =	\$0.3924	\$ 0.2746
9 Block 4	\$4.4022 x	0.1337 =	\$ 0.5885	\$ 0.4120

*Single Family & Multi-Family Meter Charges*

Description	Schedule No. MO-1-SF and MO-1-MF	Schedule No. CA-LIRA	Description	RFPS Service Charge
	New Per Meter per Month	Low Income Customers		
11 5/8 inch	\$3.52	\$ 2.81	3/4-inch to 5/8-inch	\$3.52
12 3/4 inch	\$5.73	\$ 4.58	1-inch to 3/4-inch	\$5.73
13 1 inch	\$10.55	\$ 8.44	1 1/2-inch to 1-inch	\$10.55
14 1 1/2 inch	\$28.09	\$ 22.47	2-inch to 1 1/2-inch	\$28.09
15 2 inch	\$46.96	\$ 37.57	3-inch to 2-inch	\$46.96
16 3 inch	\$88.06	\$ 70.45	4-inch to 3-inch	\$88.06
17 4 inch	\$151.93	\$ 121.55	6-inch to 4-inch	\$151.93
18 6 inch	\$319.26	\$ 255.41	8-inch to 6-inch	\$319.26
19 8 inch	\$ 510.81	\$ 408.65		



Schedule No. MO-1C - General Metered Service (for prop. CPUC Sheet 7320-W)

General Metered Service

Non-Residential Customers (COMM, INDR, OPUA, SLFR)

*Quantity Rates*

			<b>Schedule No. MO-1C</b>	
Description	Rates Per 100 CF		<i>Rate Conversion Factor</i>	<b>NEW RATES PER 100 GAL (CGL)</b>
			<i>(1/0.748)</i>	
Division 1	\$1.7264 x		0.1337	\$0.2308
Division 2	\$1.9421 x		0.1337	\$0.2596
Division 3	\$2.1579 x		0.1337	\$0.2885
Division 4	\$4.3159 x		0.1337	\$0.5770

*Meter Charges*

		<b>Schedule No. MO-1C</b>	
Description		<b>NEW PER METER PER MONTH</b>	
		5/8 inch	
3/4 inch		\$5.83	
1 inch		\$9.72	
1 1/2 inch		\$19.44	
2 inch		\$31.10	
3 inch		\$58.32	
4 inch		\$97.20	
6 inch		\$194.40	
8 inch		\$311.04	

Schedule No. MO-10 - General Metered Service  
 General Metered Service  
 Other Customers

*MISC & CONSTRUCTION*

Schedule No. MO-10 - Misc. & Construction  
 Quantity Rates - Monterey Main, Hidden Hills, Ryan Ranch, and Bishop Systems

**Misc & Construction**

*Quantity Rates*

Description	Rates Per 100 CF	Rate Conversion Factor <i>(1/0.748)</i>	Schedule No. MO- 10
			NEW RATES PER 100 GAL (CGL)
Miscellaneous & Construction	\$3.6200	0.1337	\$0.4840

*Meter Charges*

Monterey Main, Hidden Hills, Ryan Ranch, and Bishop Systems:

**Schedule No. MO-  
10**

Description	NEW PER METER PER MONTH
5/8 inch	\$3.89
3/4 inch	\$5.83
1 inch	\$9.72
1 1/2 inch	\$19.44
2 inch	\$31.10
3 inch	\$58.32
4 inch	\$97.20
6 inch	\$194.40
8 inch	\$311.04

PURCHASED WATER SURCHARGE CALCULATION  
ANNUAL CHANGE IN WHOLESALE PURCHASED WATER COSTS

Ref.		Currently in Effect					ANNUAL CHANGE IN PURCHASED WATER COSTS	SUPPORTING DOCUMENTS
		PURCHASED WATER COSTS 2016 GRC D.18-12-021	Effective August 2020 ADDITIONAL P. WATER COSTS PER ADVICE LETTER 1298-A	Effective October 2020 ADDITIONAL P. WATER COSTS PER ADVICE LETTER 1311	Effective July 2021 ADDITIONAL P. WATER COSTS PER ADVICE LETTER 1336	Effective 2024 ADDITIONAL P. WATER COSTS AMENDED WPA APPLICATION		
		[1]					[6]-[5]	
1	Purchased Total AF	0.0	3,500.0	2,300.0	4,000.0	5,750.0 \$	1,750	
2	Total KCcf	0.0	1,524.6	1,001.9	1,742.4	2,504.7 \$	762	
3	Purchased Water Rates							
	Pure Water Monterey (\$/AF)		\$1,720	\$2,442	\$2,808	\$3,429 \$	621	Workpaper 3-1
	Sand City/Seaside Basin Wt	1,211,769.44	\$1,211,769.44	\$1,211,769.44	\$1,211,769.44	\$1,211,769.44 \$	-	
4	Purchased Water Costs	\$1,211,769	\$7,231,769	\$6,828,369	\$12,443,769	\$20,928,519 \$	8,484,750	
5	Total Costs	\$1,211,769	\$7,231,769	\$6,828,369	\$12,443,769	\$20,928,519 \$	8,484,750	
	CCF to AF Conversion	0.002295684						
	<b>water consumption ACAM</b>	37,516,324.77 10cf						
		3,751,632.48 ccf					0.100000000000	
		8,612.56 AF					0.000229568411	

**CALIFORNIA AMERICAN WATER  
MONTEREY COUNTY DISTRICT**

**PURCHASED WATER SURCHARGE CALCULATION**

<u>Line No.</u>				<u>SUPPORTING DOCUMENTS</u>
1	Additional Revenue Required		\$8,484,750	Workpaper 1-2, Ref Ln 5
2	Uncollectible Adjustment	0.0051	\$434.16	Line 1 x Adopted Uncollectible Rate
3	Total Additional Revenue Required		\$8,485,184	Total Ln 1 through 2
4	Commission Authorized Consumption Estimate		3,754,587	AL 1315
5	Increased Costs, per Ccf		\$2.25995	Ln 3 / Ln 4
6	USE:		\$2.2600	Round Ln 5
7	Proof: Additional Cost for General Mtrd per Ccf:		\$2.25995	From Ln 5
8	Total General Mtrd Consumption:		3,754,587	From Ln 4
9	GRAND TOTAL REVENUE		\$8,485,184	Ln 7 x Ln 8
10	<b><u>Surcharge</u></b> Current Surcharge		<u>Per Ccf</u> \$3.0086	Per CGL \$0.4022 AL 1311
11	Surcharge Increase/(Decrease)		\$2.2600	\$0.3021 Line 6
12	<b>Total Adjusted Surcharge</b>		<b>\$5.2686</b>	<b>\$0.7044</b> Line 10 + Line 11

Attachment 5-22

	Consumption (CCF)	additional Surcharge (CCF)	Total additional Revenue
SINGLE FAMILY	2,031,019	2.26	4,590,102.94
MULTI FAMILY	489,392	2.26	1,106,025.92
COMMERCIAL	1042865	2.26	2,356,874.90
INDUSTRIAL	5148	2.26	11,634.48
PUBLIC AUTHORITY	179823	2.26	406,399.98
SALES FOR RESALE	1147	2.26	2,592.22
Construction	5,193	2.26	11,736.18
Other Water Utility - Permanent/Temporary Service			
			118,795,132.68

Monterey-Proposed Revenue Increase									
Customer Class	Jan 2023 <sup>(1)</sup>		July 2024 <sup>(2)</sup>		Jan 2025 <sup>(3)</sup>		Sept 2025 <sup>(4)</sup>		Total \$ Increase
	\$ Increase	% Increase	\$ Increase	% Increase	\$ Increase	% Increase	\$ Increase	% Increase	
Residential	1,740,870	4.55%	4,590,103	11.48%	2,577,151	5.78%	4,991,359	10.58%	13,899,484
Multi-Residential	282,690	4.65%	1,106,026	17.38%	418,625	5.60%	810,527	10.27%	2,617,869
Commercial	840,560	4.29%	2,356,875	11.54%	1,244,144	5.46%	2,409,754	10.03%	6,851,334
Industrial	4,204	4.35%	11,634	11.53%	6,222	5.53%	12,051	10.15%	34,111
Public Authority	165,333	4.43%	406,400	10.42%	244,721	5.68%	473,994	10.41%	1,290,448
Sale for Resale	972	9.17%	2,592	22.39%	1,439	10.16%	2,787	17.86%	7,791
Construction	13,218	5.57%	11,736	4.68%	19,543	7.45%	37,928	13.46%	82,425
	3,047,848		8,485,367		4,511,846		8,738,401		24,783,461

(1) Includes revenue requirement increases for the Parallel Pipeline and Carmel Valley Pump Station (Approximately Jan 2023)

(2) Includes increase in purchased water surcharge (Approximately July 2024)

(3) Includes revenue requirement increases for Extraction Well 1&2 and Chemical Treatment Facility (Approximately Jan 2025)

(4) Includes revenue requirement increases for Extraction Wells 3&4 (Approximately Sept 2025)