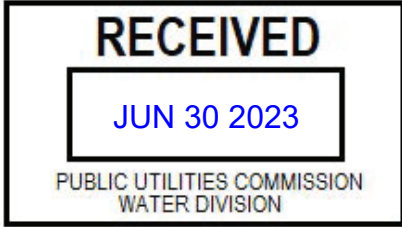


Received _____

Examined _____

CLASS A
WATER UTILITIES

U# _____



2022
ANNUAL REPORT
OF

CALIFORNIA-AMERICAN WATER COMPANY

(NAME UNDER WHICH CORPORATION, PARTNERSHIP, OR INDIVIDUAL IS DOING BUSINESS)

655 West Broadway Suite 1410, San Diego, CA

92101

(OFFICIAL MAILING ADDRESS)

ZIP

TO THE
PUBLIC UTILITIES COMMISSION
STATE OF CALIFORNIA
FOR THE
YEAR ENDED DECEMBER 31, 2022

REPORT MUST BE FILED NO LATER THAN APRIL 30, 2023

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GENERAL INSTRUCTIONS

1. Two completed and signed hard copies of this report and one electronic copy must be filed **NO LATER THAN APRIL 30, 2023**, with:

CALIFORNIA PUBLIC UTILITIES COMMISSION
WATER DIVISION
ATTN: BRUCE DEBERRY
505 VAN NESS AVENUE, ROOM 3200
SAN FRANCISCO, CALIFORNIA 94102-3298
bmd@cpuc.ca.gov water.division@cpuc.ca.gov

2. Failure to file the report on time may subject a utility to the penalties and sanctions provided by the Public Utilities Code.
3. The Declaration on Page 70 must be signed by an authorized officer, partner, or owner.
4. The report must be prepared in accordance with the CPUC Excel annual report template. The Excel file and a PDF of the file is to be submitted to the Commission.
5. The report must be filled in, and every question answered. **LEAVE NO SCHEDULE BLANK.** Insert the words "none" or "not applicable" or "n/a" when appropriate.
6. Certain balance sheet and income statement accounts refer to supplemental schedules. Complete the supplemental schedules **FIRST**. The balances in these schedules will then auto-fill the appropriate boxes in the balance sheet/income statement. Total and subtotal boxes are automatically summed in Excel. Auto-filled and summed boxes are Excel locked and identified by a light coloring of the box. Uncolored boxes can be manually filled. Complete the statements by filling in the uncolored boxes where appropriate.
7. Some schedules provide for a "balance at beginning of year." The amount shown should agree with the "balance at end of year" as shown in the report for the previous year. If there is a difference, it should be explained by footnote.
8. When there is insufficient space in a schedule to permit a complete statement of the requested information, insert sheets should be prepared and identified by the number of the schedule to which it refers. Be certain that the inserts are securely attached to the report. If inserts are needed, prepare all inserts in one separate electronic file in Microsoft Excel format and file it with the electronic file of this report.
9. This report must cover the calendar year from January 1, 2022, through December 31, 2022. Fiscal year reports will not be accepted.
10. Your company's external auditor information, such as external auditor's name, phone number, and address, must be included in Page 13, Item 12, of this report.

I N S T R U C T I O N S

FOR PREPARATION OF SELECTED FINANCIAL DATA SHEET FOR ALL WATER UTILITIES

To prepare the attached data sheets, refer to the Balance Sheet, Income Statement and supporting detail schedules in the annual report for the required data.

Please follow the instructions below:

1. The CPUC annual report Excel template incorporates links so that the selected data in the Balance Sheet, Income Statement and supporting schedules automatically flow to the financial data sheets.
2. For the financial data sheets that are to be adjusted to exclude non-regulated activity, manually adjust the data to exclude non-regulated activity.

UTILITY PLANT AND CAPITALIZATION DATA

Calendar Year 2022

Name of Utility: California-American Water

Telephone: 619-206-8099

Person Responsible for this Report: Kevin Tilden

	<u>1/1/2022</u>	<u>12/31/2022</u>	<u>Average</u>
UTILITY PLANT DATA			
1 Total Utility Plant	\$ 1,544,763,783	\$ 1,698,221,575	\$ 1,621,492,679
2 Total Utility Plant Reserves	(425,775,336)	(465,145,820)	(445,460,578)
3 Total Utility Plant Less Reserves	1,118,988,447	1,233,075,754	1,176,032,101
4 Advances for Construction	23,201,324	23,368,446	23,284,885
5 Contributions in Aid of Construction	98,241,485	109,495,009	103,868,247
6 Total Accumulated Deferred Taxes	121,596,007	134,542,115	128,069,061
7			
8			
9			
10 CAPITALIZATION			
11 Common Capital Stock	92,477,914	92,477,914	92,477,914
12 Preferred Capital Stock	-	-	-
13 Earned Surplus	123,619,887	127,274,848	125,447,368
14 Total Capital Stock	530,606,732	565,047,565	547,827,149
15 Total Proprietary Capital (Individual or Partnership)	-	-	-
16 Total Long-Term Debt	428,065,091	422,642,036	425,353,564

INCOME, EXPENSES, AND OTHER DATA

Calendar Year 2022

Name of Utility: California-American Water

Telephone: 619-206-8099

	Annual Amount
INCOME/EXPENSES DATA	
1 Operating Revenues	\$ 281,175,889
2 Operating Expenses	\$ 158,112,713
3 Depreciation - and Amortization	\$ 35,569,599
4 Taxes	\$ 23,294,180
5 Income from Nonutility Operations (net)	\$ 402,681
6 Interest on Long-Term Debt	\$ 17,061,267
7 Net Income	\$ 50,807,557
8	
OPERATING EXPENSES DATA	
10 Source of Supply Expense	\$ 67,812,359
11 Pumping Expenses	\$ 11,508,098
12 Water Treatment Expenses	\$ 6,654,851
13 Transmission and Distribution Expenses	\$ 13,181,592
14 Customer Account Expenses	\$ 4,606,222
15 Sales Expenses	\$ -
16 Recycled Water Expenses	\$ -
17 Administrative and General Expenses	\$ 20,887,677
18 Miscellaneous	\$ 33,461,914
19 Total Operating Expenses	\$ 158,112,713
20	

			Annual Average
21 OTHER DATA			
22			
23 <u>Active Service Connections</u>	(Exc. Fire Protect.)	_____	
24			
25 Metered Service Connections	180,605	183,586	182,096
26 Flat Rate Service Connections	22,164	21,874	22,019
27 Total Active Service Connections	202,769	205,460	204,115

UTILITY PLANT AND CAPITALIZATION DATA Adjusted to Exclude Non-Regulated Activity

Calendar Year 2022

Name of Utility: California-American Water Telephone: 619-206-8099

Person Responsible for this Report: Kevin Tilden

	<u>1/1/2022</u>	<u>12/31/2022</u>	<u>Average</u>
UTILITY PLANT DATA			
1 Total Utility Plant	\$ 1,544,763,783	\$ 1,698,221,575	\$ 1,621,492,679
2 Total Utility Plant Reserves	(425,775,336)	(465,145,820)	\$ (445,460,578)
3 Total Utility Plant Less Reserves	1,118,988,447	1,233,075,754	\$ 1,176,032,101
4 Advances for Construction	23,201,324	23,368,446	\$ 23,284,885
5 Contributions in Aid of Construction	98,241,485	109,495,009	\$ 103,868,247
6 Total Accumulated Deferred Taxes	121,596,007	134,542,115	\$ 128,069,061
7			
8			
9			
10 CAPITALIZATION			
11 Common Capital Stock	92,477,914	92,477,914	\$ 92,477,914
12 Preferred Capital Stock	-	-	\$ -
13 Earned Surplus	123,619,887	127,274,848	\$ 125,447,368
14 Total Capital Stock	530,606,732	565,047,565	\$ 547,827,149
15 Total Proprietary Capital (Individual or Partnership)	-	-	\$ -
16 Total Long-Term Debt	428,065,091	422,642,036	\$ 425,353,564

INCOME, EXPENSES, AND OTHER DATA
Adjusted to Exclude Non-Regulated Activity
 Calendar Year 2022

Name of Utility: California-American Water

Telephone: 619-206-8099

		Annual Amount
INCOME/EXPENSES DATA		
1 Operating Revenues		\$ 281,028,136
2 Operating Expenses		\$ 158,112,713
3 Depreciation		\$ 35,569,599
4 Taxes		\$ 23,263,152
5 Income from Nonutility Operations (net)		\$ 402,681
6 Interest on Long-Term Debt		\$ 17,061,267
7 Net Income		\$ 50,807,557
8		
OPERATING EXPENSES DATA		
10 Source of Supply Expense		\$ 67,812,359
11 Pumping Expenses		\$ 11,508,098
12 Water Treatment Expenses		\$ 6,654,851
13 Transmission and Distribution Expenses		\$ 13,181,592
14 Customer Account Expenses		\$ 4,606,222
15 Sales Expenses		\$ -
16 Recycled Water Expenses		\$ -
17 Administrative and General Expenses		\$ 20,887,677
18 Miscellaneous		\$ 33,461,914
19 Total Operating Expenses		\$ 158,112,713
20		
OTHER DATA		
21		
23 <u>Active Service Connections</u>	(Exc. Fire Protect.)	Annual Average
24		
25 Metered Service Connections	Jan. 1	Dec. 31
26 Flat Rate Service Connections	180,605	183,586
27 Total Active Service Connections	22,164	21,874
	202,769	205,460
		182,096
		22,019
		204,115

Notes to Adjusted Selected Financial Data Due to Excluding of Non-Regulated Activities

Instructions: Provide reasons for each adjustment to the Selected Financial Data due to non-regulated activities. Detail this information by name of line item (Gross Plant, Operating Revenues, etc.), account number, dollar amount, and by point in time (end of year, beginning of year, or average).

1	Income from Non-Utility Operations (net), Account numbers 522 and 526, Dollar Amount \$147,753
2	is the non-tariffed activity as referenced in Excess Capacity Schedule
3	
4	Taxes, Federal Corporate Income Tax, Account Number 507, Dollar Amount \$31,028
5	represents tax effect of reduction of non-tariffed revenues described above.
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

Excess Capacity and Non-Tariffed Services

NOTE: In D.00-07-018, D.03-04-028, and D. 04-12-023, the CPUC set forth rules and requirements regarding water utilities provision of non-tariffed services using excess capacity. These decisions require water utilities to: 1) file an advice letter requesting Commission approval of that service, 2) provide information regarding non-tariffed goods/services in each companies Annual Report to the Commission.

Based on the information and filings required in D.00-07-018, D.03-04-028, and D.04-12-023, provide the following information by each individual non-tariffed good and service provided in 2022:

Applies to All Non-Tariffed Goods/Services that require Approval by Advice Letter											
Row Number	Description of Non-Tariffed Goods/Services	Active or Passive	Total Revenue Derived from Non-tariffed Goods/ Services (by account)	Revenue Account Number	Total Expenses Incurred to Provide Non-tariffed Goods/ Services (by account)	Expense Account Number	Advice Letter and/or Resolution Number Approving Non-tariffed Goods/ Services	Total Income Tax Liability Incurred Because of Non-tariffed Goods/ Services (by account)	Income Tax Liability Account Number	Gross Value of Regulated Assets Used in the Provision of a Non-tariffed Goods/ Services (by account)	Regulated Asset Account Number
1											
2	See Addendum Reference Schedule Excess Capacity										
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule Excess Capacity and Non-Tariffed Services
NTP&S Projects¹

<u>Name of Contract/Service</u>	<u>Active or Passive</u>	<u>Gross Revenue</u>
Antenna Leases		
T-Mobile/Sprint United Management Co. (3)	Passive	111,774
Verizon Wireless (2)	Passive	189,222
Silke Communications(1)	Passive	10,080
Conterra Ultra Broadband LLC (1)	Passive	-
Total Antenna Leases - Total Shareable		311,076
Revenue Sharing Calculation:		
Total Shareable		311,076
Less \$100,000 Minimum		<u>(100,000)</u>
Net Total		<u>211,076</u>
Revenue Sharing 30% (Net total * 30%)		<u>63,323</u>
Total Sharing - Rate Payer (\$100k minimum + 30% sharing)		<u>163,323</u>
Total Sharing - Shareholder (Net Total * 70%)		<u>147,753</u>
Total Shareable (total sharing = rate payer + shareholder)		<u><u>311,076</u></u>

¹ Please refer to the pdf filing of California-American Annual Report for additional information on NTP&S Projects

2022 Annual Report of California-American Water Company
to the California Public Utilities Commission

ATTACHMENT A

2022 ANNUAL REPORT OF NTP&S PROJECTS

In accordance with Rule X.E of the Modified Rules for Water and Sewer Utilities Regarding Affiliate Transactions and the Use of Regulated Assets for Non-Tariffed Utility Services (Appendix A of D.12-01-042) (“Rules”), California-American Water Company (“CAWC”) provides the following information, in addition to the information provided in its Excess Capacity and Non-Tariffed Services schedule, regarding its Non-tariffed Products and Services (“NTP&S”):

I. Descriptions of NTP&S Activities:

A. Antenna Leases/License Agreements and Real Property Lease. During calendar year 2022, CAWC had a total of seven (7) antenna leases/license agreements with five (5) different carriers for various locations in its Ventura, Monterey, and Sacramento County Districts. Under these agreements, cellular service providers install, maintain and operate their antennas and appurtenances on CAWC properties without interference to normal day-to-day operations. During calendar year 2022, CAWC had no real property leases.

B. Operation and Maintenance Agreements. During calendar year 2022, CAWC had no operation and maintenance (“O&M”) agreements.

II. Classification and Notice of NTP&S Activities

All NTP&S activities described above were classified as “passive” in accordance with the table: “Designation of Active and Passive NTP&S Water and Sewer Utility Projects” (see page A-16 of the Rules). During calendar year 2022, CAWC did not enter into any new antenna leases/license agreements or real property leases and therefore no notices were required to be filed.

III. Regulated Assets and Personnel Used for the NTP&S:

A. Antenna Leases/License Agreements and Real Property Lease. Antennas and their associated appurtenances are typically mounted on elevated water tanks, co-located on utility poles with CAWC communications facilities, or installed on the grounds of utility sites. No other regulated assets were used for these agreements. No CAWC personnel provided services for these agreements.

B. Operation and Maintenance Contract. During calendar year 2022, CAWC had no O&M agreements.

GENERAL INFORMATION

1. Name under which utility is doing business: California-American Water Company

2. Official Mailing Address, Phone Number, and Email:
655 West Broadway, Suite 1410, San Diego, CA 92101

3. Name and title of person to whom correspondence should be addressed: Email: kevin.tilden@amwater.com
Kevin Tilden, President Telephone: 619-206-8099

4. Address where accounting records are maintained:
1 Water Street, Camden, NJ 08102

5. Service Area (Refer to district reports if applicable): Refer to District Reports

6. Service Manager (If located in or near Service Area.) (Refer to district reports if applicable.)
 Name: Refer to District Reports Email: _____
 Address: _____ Telephone: _____

7. OWNERSHIP. Check and fill in appropriate line:
 Individual (name of owner) _____
 Partnership (name of partner) _____
 Partnership (name of partner) _____
 Partnership (name of partner) _____
 Corporation (corporate name) California-American Water Company
 Organized under laws of (state) California Date: 12/7/1965

Principal Officers: Current as of June 23, 2023

Name: <u>Kevin Tilden</u>	Title: <u>President</u>
Name: <u>Jeffrey Dana</u>	Title: <u>Chief Financial Officer, and Treasurer</u>
Name: <u>Garry Hofer</u>	Title: <u>Vice President, Operations</u>
Name: <u>Vacant</u>	Title: <u>Officer, Engineering, and VP</u>
Name: <u>Evan Jacobs</u>	Title: <u>Officer, Communications & External Affairs</u>
Name: <u>Kimberly Castillo</u>	Title: <u>Officer, Human Resources</u>
Name: <u>Sarah Leeper</u>	Title: <u>Vice President, General Counsel, and Secretary</u>
Name: <u>Alyssa Aiko Yamakawa</u>	Title: <u>Assistant Secretary</u>
Name: <u>Jeffrey Linam</u>	Title: <u>Assistant Treasurer</u>
Name: <u>Thomas Brunet</u>	Title: <u>Officer, Business Development, and VP</u>
Name: <u>Kent Hodgkinson</u>	Title: <u>Officer, Business Development, and VP</u>
Name: <u>Kathryn Horning</u>	Title: <u>Assistant Secretary</u>
Name: <u>Stephen Wesley Owens</u>	Title: <u>Officer, Rates and Regulatory, and VP</u>
Name: <u>Stacey Fulter</u>	Title: <u>Assistant Treasurer</u>
Name: <u>Vacant</u>	Title: <u>Officer, Business Performance, Supplier Diversity and Inclusion and Diversity</u>

8. Names of associated companies: _____

9. Names of corporations, firms or individuals whose property or portion of property have been acquired during the year, together with date of each acquisition:
 Name: Bellflower System Date: November 4, 2022
 Name: Piru System Date: September 16, 2022
 Name: _____ Date: _____
 Name: _____ Date: _____

10. Use the space below for supplementary information or explanations concerning this report:
None

11. List Name, Grade, and License Number of all Licensed Operators:
See Addendum Reference Schedule Gen Info

12. List Name, Address, and Phone Number of your company's external auditor:
 Name: PricewaterhouseCoopers, LLP Telephone: 267-330-3000
 Address: 2001 Market St. Suite 1700 Philadelphia, PA 19103

13. This annual report was prepared by:
 Name of firm or consultant: n/a
 Address of firm or consultant: _____
 Phone Number of firm or consultant: ()

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule Gen Info
Item 11. Name, Grade and License Number of all Licensed Operators

Name	WATER DISTRIBUTION			WATER TREATMENT			WASTEWATER TREATMENT		
	Grade	Opr #	Exp Date	Grade	Opr #	Exp Date	Grade	Opr #	Exp Date
Northern Division									
Arnoldy, Sharon	D1	30266	01/01/24	-	-	-	-	-	-
Baril, Christina	D2	46329	12/01/24	T2	37442	06/01/24	-	-	-
Bell, Jared	D3	8988	02/01/24	T3	23413	03/01/26	-	-	-
Brett, Alex	D2	51429	08/01/24	-	-	-	-	-	-
Burke, Tyler	D3	41077	06/01/25	T2	33238	07/01/26	-	-	-
Christenson, Dan	D2	14642	08/01/24	-	-	-	-	-	-
Cokley, Jirasak	D2	32983	05/01/25	-	-	-	-	-	-
Coleman, Terry	D3	29308	03/01/25	T2	29889	07/01/23	-	-	-
Cook, Stephen	D3	5166	12/01/24	T2	16950	06/01/25	-	-	-
Crowther, Chris	D4	26990	12/01/23	T3	22906	04/01/24	-	-	-
Demeusy, Justin	D3	40620	03/01/26	T4	33892	01/01/25	-	-	-
DiGenova, Margaret	D4	25883	01/01/26	T4	25767	04/01/24	-	-	-
Dirrane, Patrick	D5	22058	12/01/25	T2	25254	07/01/24	-	-	-
Eastman, Billy	D3	36614	01/01/24	-	-	-	-	-	-
Epps, Brian	D4	5831	04/01/24	T4	10786	11/01/25	-	-	-
Fackrell, Orson	D2	37187	11/01/24	T3	22768	08/01/25	WW1	28548	06/30/23
Fernandez, David	D2	51660	05/01/24	T2	44651	09/01/24	-	-	-
Folsom, Bryan	D2	43927	05/01/26	T2	40039	01/01/26	-	-	-
Fuller, Mike	D2	27713	06/01/25	T1	27574	07/01/24	-	-	-
Garcia, Oscar Avalos	D4	44699	09/01/24	T2	41217	07/01/23	-	-	-
Gerszewski, Steven	D3	44297	12/01/25	T3	36304	12/01/24	-	-	-
Hamman, Zachary	D2	46220	12/01/24	T2	36692	01/01/24	-	-	-
Hannon, M. "Sonny"	D5	36062	03/01/24	T4	29121	03/01/25	OIT-1	55662	12/01/23
Hutchinson, William	D2	53795	02/01/26	-	-	-	-	-	-
Jagd, Rosa	-	-	-	T1	41964	07/01/24	-	-	-
Jaimes, Miguel	D2	50326	10/01/24	-	-	-	-	-	-
Kehoe, Casey	D2	43587	05/01/26	T2	35132	02/01/25	-	-	-
Kunda, Victoria	D2	45911	10/01/24	T2	37548	07/01/24	-	-	-
Lazaro, Alex	D2	34204	05/01/26	T2	33260	01/01/24	-	-	-
Lopez, Arturo	D2	52113	11/01/25	-	-	-	-	-	-
Martin, Jose L.	D2	35984	04/01/24	-	-	-	-	-	-
Miller, Jonathan	D3	47590	05/01/25	T2	36613	06/01/23	-	-	-
Nylander, Kevin	D4	43299	03/01/25	T2	35773	01/01/26	-	-	-
Olivarez, Oscar	D2	20175	06/01/24	-	-	-	-	-	-
Olsen, Nathan	D4	47245	11/01/24	T2	37228	06/01/24	-	-	-
Perez, Osvaldo	D2	36023	04/01/24	-	-	-	-	-	-
Sanborn, Daniel	D3	35324	06/01/23	T3	36204	04/01/26	-	-	-
Silvas, Jered	D2	33341	10/01/25	T3	35725	04/01/25	-	-	-
Silvas, Jered Jr.	D2	53986	03/01/26	-	-	-	-	-	-
Stahl, Ashley	D2	48904	10/01/23	T2	40562	06/01/23	-	-	-
Tarp, Ronald D.	D2	28238	04/01/25	T2	27634	07/01/23	-	-	-
Trotter, Craig	D5	33347	07/01/26	T2	29901	07/01/26	-	-	-
Trush, Daniel	D3	20176	07/01/24	T3	27672	04/01/25	-	-	-
Valtman, Mark	D2	9805	06/01/24	T2	26107	07/01/24	-	-	-
Vasquez, Jose	D2	54819	11/01/24	-	-	-	-	-	-
Villasenor, Noe	D2	20177	01/01/25	T2	27637	07/01/24	-	-	-
Webster, Joshua	D3	33353	02/01/24	T3	28576	08/01/24	-	-	-
Wilhelm, Karen	D2	48480	05/01/26	-	-	-	-	-	-
Wilson, Nick J.	D4	28338	02/01/24	T4	29297	06/01/24	WW2	41940	08/16/24
Wong, Eric	D2	55392	04/01/25	T2	37174	12/01/25	-	-	-

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Name	WATER DISTRIBUTION			WATER TREATMENT			WASTEWATER TREATMENT		
	Grade	Opr #	Exp Date	Grade	Opr #	Exp Date	Grade	Opr #	Exp Date
Coastal Division									
Adams,Erik	-	-	-	T1	38762	08/01/25	-	-	-
Aguilera, Veronica	D3	46694	10/01/25	T2	38079	01/01/25	-	-	-
Aliganga, Alexander M.	D2	38706	06/01/23	-	-	-	WW2	42552	12/20/24
Alvarez, Antonio	D3	42938	02/01/26	T3	36509	01/01/25	-	-	-
Andalon, Gerardo	D1	46386	12/01/24	-	-	-	-	-	-
Ask, Cody	D3	47495	03/01/26	-	-	-	-	-	-
Beltran, Jaime	D1	46204	11/01/24	-	-	-	-	-	-
Bricker Jr., James P.	D2	25659	01/01/25	T2	25090	01/01/25	WW3	10743	06/30/23
Bustamante, Sergio	D3	28246	08/01/25	T4	27682	09/01/24	-	-	-
Ceballos, Raymond M.	D1	31501	10/01/24	-	-	-	-	-	-
Cook, Christopher	D2	47720	11/01/25	-	-	-	-	-	-
Coppla, Robert T.	D4	4944	03/01/24	T4	14839	02/01/25	-	-	-
Cruz-Gonzalez, Ronaldo	D2	37408	05/01/25	T1	31644	02/01/25	WW2	28727	06/30/24
Curtice, Luke E.	D2	9606	08/01/24	-	-	-	-	-	-
Deese, Joshua J.	D1	38093	06/01/25	-	-	-	-	-	-
DiMaggio, Joseph L.	D2	9607	08/01/24	-	-	-	-	-	-
Dorsey, Nestor T.	D2	7178	08/01/24	-	-	-	-	-	-
Draeger, Randal M.	D3	9837	08/01/24	-	-	-	-	-	-
Garza, Ernesto	D1	27751	06/01/25	-	-	-	-	-	-
Glass, Patricia M.	D2	29978	05/01/25	T1	27417	03/01/24	-	-	-
Hall, Tiffani	D2	47606	08/01/24	T3	41129	08/01/23	-	-	-
Herbst, Mark	D3	48187	08/01/25	T2	41344	01/01/24	-	-	-
Hernandez, Manuel	D2	37919	11/01/25	T2	34003	02/01/25	-	-	-
Jackson, Dominic A.	D2	49763	12/01/24	T2	40996	01/01/24	WW1	44162	07/20/24
Jacobson, Susan	D1	25707	09/01/24	T2	25344	06/01/23	-	-	-
James, Carla	D3	25726	10/01/25	T2	24434	07/01/24	-	-	-
Kolonics, Andrew J.	D2	14940	08/01/24	T1	12828	3/1/2026	-	-	-
Lapham, Tony	D2	56072	10/01/25	T2	45535	10/01/25	WW2	44031	04/05/25
Larios, Nelson	D2	49944	05/01/24	T2	45379	07/01/25	-	-	-
Lashley, Charles E.	D2	28813	04/01/25	-	-	-	-	-	-
Lazaro, Tony	D3	41244	12/01/23	T2	35313	07/01/23	WW2	40590	12/05/24
Madron, Matthew	D1	55706	06/01/25	-	-	-	-	-	-
Magdaleno, James	D3	36741	04/01/24	T2	32031	07/01/25	-	-	-
Magretto, Mike	D5	4552	02/01/25	T5	12255	09/01/24	WW3	43059	06/06/23
Martignoni, Michael	D1	55224	03/01/25	-	-	-	WW2	28691	06/30/24
Martin, James A.	D2	46991	05/01/24	-	-	-	-	-	-
Martin, James E.	D3	6709	04/01/24	-	-	-	-	-	-
McCarter, Jason	D2	42903	12/01/23	T2	37995	01/01/25	-	-	-
McKenzie, Thomas G.	D2	10262	07/01/24	-	-	-	-	-	-
Mitchell, Everette	D1	50410	10/01/24	-	-	-	-	-	-
Moreno, Cleotilde J.	D2	29846	04/01/25	T1	28785	07/01/25	-	-	-
Moss, Robert	D2	43035	05/01/25	T2	35056	01/01/25	WW3	41116	02/16/26
Munguia, Victor	D1	37969	06/01/25	-	-	-	-	-	-
Nguyen, Khahn	D2	54853	02/01/25	T2	45284	06/01/25	-	-	-
Nichols, James G. M.	D4	4555	08/01/24	T2	18498	01/01/25	-	-	-
Olis, Danny	D1	46553	03/01/25	-	-	-	-	-	-
Penamante, Roger	D1	55801	07/01/25	-	-	-	-	-	-
Phillips, George F.	D2	14947	05/01/24	-	-	-	-	-	-
Ramirez, Justin P.	D2	36850	02/01/26	-	-	-	-	-	-
Rappa, Paul M.	D3	4954	08/01/24	-	-	-	-	-	-
Rea, Andres	D2	43037	11/01/24	T2	38098	10/01/24	-	-	-
Riso, Joseph J.	D3	5407	03/01/24	-	-	-	-	-	-
Rudolph, Christopher	D2	46053	05/01/25	T3	37326	07/01/23	-	-	-
Silva, Lesley	D5	5410	04/01/25	T2	35398	07/01/25	-	-	-
Smith, Matthew A.	D3	44402	12/01/26	T3	36985	02/01/25	-	-	-
Sorroza-Moreno, Agustin	D1	55804	07/01/25	-	-	-	-	-	-
Soto, Nicholas	D4	44417	08/01/25	T4	36945	03/01/24	-	-	-
Souza, Nicholas	D2	-	-	T2	42889	02/01/25	WW1	72876	01/04/25
Terry, Ryan	D2	44069	06/01/26	T3	33948	01/01/26	-	-	-
Tolerson, Thomas	-	-	-	-	-	-	WW3	9993	12/31/24
Ward, Melissa	D2	43254	05/01/25	T2	37841	01/01/25	-	-	-
Wood, Wesley H.	D2	47057	06/01/25	T1	44336	03/01/25	-	-	-

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Name	WATER DISTRIBUTION			WATER TREATMENT			WASTEWATER TREATMENT		
	SWRCB			SWRCB			SWRCB		
	Grade	Opr #	Exp Date	Grade	Opr #	Exp Date	Grade	Opr #	Exp Date
Southern Division									
Abbott, John	D2	41473	08/01/24	-	-	-	-	-	-
Acosta-Diaz, Carlos	D1	56378	11/01/25	-	-	-	-	-	-
Adams, Brandon	D3	45131	12/01/23	T2	37259	06/01/24	-	-	-
Alaniz, Vincent	D2	50857	11/01/25	T1	41875	06/01/24	-	-	-
Amarillas, Daniel	D5	37541	06/01/25	T3	37624	04/01/26	-	-	-
Andrade, Jacqueline	D1	52330	11/01/25	-	-	-	-	-	-
Arenas, Raymond	D1	39788	08/01/23	-	-	-	-	-	-
Baker, Aimee	D1	45270	05/01/24	T1	41191	01/01/24	-	-	-
Barajas, Emanuel	D4	32894	11/01/24	T2	36856	06/01/24	-	-	-
Barajas, Rogelio	D1	54856	12/01/24	T1	44754	12/01/24	-	-	-
Barriga, Elias	D1	54832	11/01/24	-	-	-	-	-	-
Becerra, Jorge	D2	52006	11/01/25	-	-	-	-	-	-
Becerra, Robert	D3	9497	08/01/23	-	-	-	-	-	-
Bermudez, Jaymez	D1	55807	07/01/25	-	-	-	-	-	-
Centeno, Rudy	D1	53889	02/01/26	-	-	-	-	-	-
Cervantes, Javier	D3	32353	08/01/24	T2	35557	03/01/25	-	-	-
Cruz, Jacob	D2	50572	11/01/25	T2	43086	12/01/25	-	-	-
Cruz, Joe	D2	29086	08/01/25	-	-	-	-	-	-
Diaz, Carlos Acosta	D1	56378	11/01/25	-	-	-	-	-	-
Dominice, Nicholas	D2	48827	02/01/24	T1	41760	06/01/24	-	-	-
Echevarria, Herminio	D3	7698	04/01/24	-	-	-	-	-	-
Estrada, Roberto	D2	49880	05/01/24	-	-	-	-	-	-
Finnie, Joseph	D1	53433	06/01/24	-	-	-	-	-	-
Freeman, Michael	D1	49129	11/01/23	-	-	-	-	-	-
Garcia, Rafael	D1	55042	02/01/25	-	-	-	-	-	-
Garcia, Victor	D4	9065	05/01/24	T2	23461	08/01/23	-	-	-
Goehring, Wayne	D3	3786	07/01/24	T3	13065	04/01/25	-	-	-
Gonzales, Jesus	D1	32688	04/01/25	-	-	-	-	-	-
Hernandez, Derek	D2	43193	11/01/25	T2	40588	07/01/26	-	-	-
Hernandez, Juan (Charlie)	D2	10032	06/01/24	-	-	-	-	-	-
Hilbert, Mike	D2	15436	05/01/24	T1	24045	11/01/25	-	-	-
Hofer, Garry	D2	36678	11/01/23	T2	34072	01/01/24	-	-	-
Kurihara, Julia	D4	49765	01/01/26	T2	42591	06/01/25	-	-	-
Lee, Gavin	D1	55900	07/01/25	T1	45563	09/01/25	-	-	-
Lopez, Pedro J.	D2	40527	12/01/23	-	-	-	-	-	-
Martinez, Joe	D2	18120	08/01/24	T2	14653	06/01/23	-	-	-
McBride, Michael	D2	49309	11/01/23	T2	42129	07/01/24	-	-	-
McKenzie, Richard S.	D5	41617	11/01/24	-	-	-	-	-	-
Molina, Jose Henry	D2	28797	01/01/24	T1	30251	01/01/24	-	-	-
Morgan, Dennis	D3	5558	03/01/24	T2	33794	01/01/24	-	-	-
Navarro, Josue	D3	44669	02/01/26	T1	37804	01/01/25	-	-	-
Nessman, Chris	D4	9246	02/01/26	T2	24861	01/01/26	-	-	-
Nevarez, Leonardo	D2	26731	12/01/25	T1	25851	07/01/25	-	-	-
Nieto, Christopher	D1	48105	03/01/26	-	-	-	-	-	-
Pinedo, Ramon (Danny)	D1	55981	08/01/25	-	-	-	-	-	-
Playter, Tim	D4	39420	12/01/23	T2	33803	01/01/24	-	-	-
Proctor, Neiva (Corona)	D2	48961	12/01/24	-	-	-	-	-	-
Quick, Jacob	D2	50840	11/01/24	-	-	-	-	-	-
Reifer, Mark	D2	41966	12/01/24	T2	34084	01/01/24	-	-	-
Rodriguez, Enrique	D1	55215	03/01/25	-	-	-	-	-	-
Rojas, Eric	D4	2872	12/01/23	T3	27190	09/01/23	-	-	-
Rossiter, Scott	D2	50854	11/01/24	T2	43639	12/01/25	-	-	-
Salas, Martin	D3	27111	07/01/25	T1	32655	01/01/26	-	-	-
Salcido, Michelle	D2	42758	05/01/24	-	-	-	-	-	-
Saldana, Cristina	D1	50202	06/01/24	-	-	-	-	-	-
Sanchez, Israel	D1	51969	11/01/25	-	-	-	-	-	-
Sandoval, Rosendo	D1	54753	09/01/24	-	-	-	-	-	-
Santoyo, Gabriel	D3	18809	08/01/24	T1	25454	01/01/25	-	-	-
Schuler, Matthew	D3	39625	06/01/26	T2	34387	07/01/25	-	-	-
Strommen, Dan	D3	5360	04/01/24	T2	23042	05/01/25	-	-	-
Tanaka, Richard	D1	44973	03/01/24	T2	31796	01/01/24	-	-	-
Taylor, Jessica (Knapp)	D1	44992	03/01/24	-	-	-	-	-	-
Valdez, Richard	D2	30205	01/01/25	T1	33275	07/01/26	-	-	-
Van Schaick, Shari	D2	50566	11/01/24	T2	42906	06/01/25	-	-	-
Victorero, Robert	D2	14215	05/01/24	-	-	-	-	-	-
Williams, Jennifer	D5	14217	04/01/26	T2	23062	05/01/25	-	-	-
Williams, Tracy	D1	36702	10/01/24	-	-	-	-	-	-
Williamson, Geoffrey	D2	45742	09/01/24	T2	35170	03/01/25	-	-	-

**SCHEDULE A
COMPARATIVE BALANCE SHEETS
Assets and Other Debits**

Line No.	Acct.	Title of Account (a)	Schedule No. (b)	Balance End-of-Year (c)	Balance Beginning of Year (d)	
1		I. UTILITY PLANT				
2	100	Utility Plant	A-1, A-1a	1,698,221,575	1,544,763,783	
3	101	Recycled Water Utility Plant	A-1b	-	-	
4	107	Utility Plant Adjustments	A-2	-	-	
5		Total Utility Plant		\$ 1,698,221,575	1,544,763,783	
6	250	Reserve for depreciation of utility plant	A-5	(460,064,412)	(421,829,900)	
7	251	Reserve for amortization of limited term utility investments	A-5	(531,185)	(349,531)	
8	252	Reserve for amortization of utility plant acquisition adjustments	A-5	(4,550,224)	(3,595,905)	
9	259	Reserve for depreciation and amortization of recycled water utility plant	A-5	-	-	
10		Total utility plant reserves		\$ (465,145,820)	(425,775,336)	
11		Total utility plant less reserves		\$ 1,233,075,754	1,118,988,447	
12						
13		II. INVESTMENT AND FUND ACCOUNTS				
14	110	Other Physical Property	A-3	1,832,541	1,758,550	
15	253	Reserve for depreciation and amortization of other property	A-5	(53,228)	(48,400)	
16		Other physical property less reserve		\$ 1,779,313	1,710,150	
17	111	Investments in Affiliated Companies	A-6	-	-	
18	112	Other Investments	A-7	568,967	568,967	
19	113	Sinking Funds	A-8	-	-	
20	114	Miscellaneous Special Funds	A-9	-	-	
21		Total investments and fund accounts		\$ 2,348,280	2,279,117	
22						
23		III. CURRENT AND ACCRUED ASSETS				
24	120	Cash	A-10	475,042	970,858	
25	121	Special Deposits	A-11	666,682	681,914	
26	122	Working Funds	A-12	2,112	2,211	
27	123	Temporary Cash Investments	A-13	-	-	
28	124	Notes Receivable	A-14	-	-	
29	125	Accounts Receivable	A-15	24,498,714	27,109,983	
30	126	Receivables from Affiliated Companies	A-16	3,296,596	8,873,885	
31	131	Materials and Supplies	A-17	1,311,023	1,021,586	
32	132	Prepayments	A-18	4,888,487	6,397,891	
33	133	Other Current and Accrued Assets	A-19	12,541,792	11,288,956	
34		Total Current and Accrued Assets		\$ 47,680,448	56,347,284	
35						
36		IV. DEFERRED DEBITS				
37	140	Unamortized Debt Discount and Expense	A-20	4,222,530	4,224,545	
38	141	Extraordinary Property Losses	A-22	-	-	
39	142	Preliminary Survey and Investigation Charges	A-23	-	-	
40	143	Clearing Accounts	A-24	-	-	
41	145	Other Work in Progress	A-25	-	-	
42	146	Other Deferred Debits	A-26	217,505,397	220,987,266	
43	147	Accumulated Deferred Income Tax Assets	A-27	-	-	
44		Total Deferred Debits		\$ 221,727,927	225,211,811	
45		Total Assets and Other Debits		\$ 1,504,832,409	1,402,826,659	

SCHEDULE A
COMPARATIVE BALANCE SHEETS
Liabilities and Other Credits

Line No.	Acct.	Title of Account (a)	Schedule No. (b)	Balance End-of-Year (c)	Balance Beginning of Year (d)
46		I. CORPORATE CAPITAL AND SURPLUS			
47	200	Common Capital Stock	A-30	92,477,914	92,477,914
48	201	Preferred Capital Stock	A-30a	-	-
49	202	Stock Liability for Conversion	A-31	-	-
50	203	Premiums and Assessments on Capital Stock	A-32	-	-
51	206	Subchapter S Corporation Accumulated Adjustments Account	A-33	-	-
52	150	Discount on Capital Stock	A-28	-	-
53	151	Capital Stock Expense	A-29	-	-
54	270	Capital Surplus	A-34	345,294,803	314,508,931
55	271	Earned Surplus	A-35	127,274,848	123,619,887
56		Total Capital Stock		\$ 565,047,565	530,606,732
57					
58		II. PROPRIETARY CAPITAL			
59	204	Proprietary Capital	A-36	-	-
60	205	Undistributed Profits of Proprietorship or Partnership	A-37	-	-
61		Total Proprietary Capital		\$ -	-
62					
63		III. LONG-TERM DEBT			
64	210	Bonds	A-38	422,642,036	428,065,091
65	211	Receivers' Certificates	A-39	-	-
66	212	Advances from Affiliated Companies	A-40	-	-
67	213	Miscellaneous Long-Term Debt	A-41	-	-
68		Total Long-Term Debt		\$ 422,642,036	428,065,091
69					
70		IV. CURRENT AND ACCRUED LIABILITIES			
71	220	Notes Payable	A-43	77,568,940	70,623,683
72	221	Notes Receivable Discounted	A-44	-	-
73	222	Accounts Payable	A-45	18,707,798	18,817,594
74	223	Payables to Affiliated Companies	A-46	1,194,051	1,468,551
75	224	Dividends Declared	A-47	-	-
76	225	Matured Long-Term Debt	A-48	45,352,368	351,866
77	226	Matured Interest	A-49	-	-
78	227	Customers' Deposits	A-50	-	-
79	228	Taxes Accrued	A-53	9,297,336	16,723,250
80	229	Interest Accrued	A-51	3,364,672	3,216,382
81	230	Other Current and Accrued Liabilities	A-52	29,490,992	21,374,781
82		Total Current and Accrued Liabilities		\$ 184,976,157	132,576,107
83					
84		V. DEFERRED CREDITS			
85	240	Unamortized Premium on Debt	A-21	-	-
86	241	Advances for Construction	A-54	23,368,446	23,201,324
87	242	Other Deferred Credits	A-55	56,689,721	59,416,892
88		Total Deferred Credits		\$ 80,058,167	82,618,216
		VI. ACCUMULATED DEFERRED TAXES			
	266	Accumulated Deferred Income Taxes - Accelerated Tax Depreciation	A-58	-	-
	267	Accumulated Deferred Income Taxes - Other	A-59	134,487,650	121,488,274
	268	Accumulated Deferred Investment Tax Credits	A-60	54,465	107,733
		Total Accumulated Deferred Taxes		\$ 134,542,115	121,596,007
89					
90		VII. RESERVES			
91	254	Reserve for Uncollectible Accounts	A-56	4,615,475	6,489,978
92	255	Insurance Reserve	A-56	-	-
93	256	Injuries and Damages Reserve	A-56	-	-
94	257	Employees' Provident Reserve	A-56	-	-
95	258	Other Reserves	A-56	3,455,885	2,633,043
96		Total Reserves		\$ 8,071,360	9,123,021
97					
98		VIII. CONTRIBUTIONS IN AID OF CONSTRUCTION			
99	265	Contributions in Aid of Construction	A-57	109,495,009	98,241,485
100		Total Liabilities and Other Credits		\$ 1,504,832,409	1,402,826,659

SCHEDULE B
Income Statement for the Year

Line No.	Acct.	Account (a)	Schedule Page No. (b)	Amount (c)
1		I. UTILITY OPERATING INCOME		
2	501	Operating Revenues	B-1	281,175,889
3				
4		Operating Revenue Deductions:		
5	502	Operating Expenses	B-2	158,112,713
6	503	Depreciation	A-5	31,188,389
7	504	Amortization of Limited-term Utility Investments	A-5	3,426,891
8	505	Amortization of Utility Plant Acquisition Adjustments	A-5	954,319
9	506	Property Losses Chargeable to Operations	B-3	193,266
10	507	Taxes	B-4	23,294,180
11		Total Operating Revenue Deductions		\$ 217,169,758
12		Net Operating Revenues		\$ 64,006,131
13	508	Income from Utility Plant Leased to Others	B-6	-
14	510	Rent for Lease of Utility Plant	B-7	-
15		Total Utility Operating Income		\$ 64,006,131
16				
17		II. OTHER INCOME		
18	521	Income from Nonutility Operations (Net)	B-8	-
19	522	Revenue from Lease of Other Physical Property	B-9	147,753
20	523	Dividend Revenues	B-10	-
21	524	Interest Revenues	B-11	313,776
22	525	Revenues from Sinking and Other Funds	B-12	-
23	526	Miscellaneous Nonoperating Revenues	B-13	193,879
24	527	Nonoperating Revenue Deductions	B-14	(218,023)
25		Total Other Income		\$ 437,385
26		Net Income before Income Deductions		\$ 64,443,516
27				
28		III. INCOME DEDUCTIONS		
29	530	Interest on Long-term Debt	B-15	17,061,267
30	531	Amortization of Debt Discount and Expense	B-16	761,564
31	532	Amortization of Premium on Debt - Cr.	B-17	-
32	533	Taxes Assumed on Interest	B-18	-
33	534	Interest on Debt to Affiliated Companies	B-19	1,051,149
34	535	Other Interest Charges	B-20	2,127
35	536	Interest Charged to Construction - Cr.	B-21	(4,511,161)
36	537	Miscellaneous Amortization	B-22	-
37	538	Miscellaneous Income Deductions	B-23	1,718,694
38		Total Income Deductions		\$ 16,083,640
39		Net Income		\$ 48,359,876
40				
41		IV. DISPOSITION OF NET INCOME		
42	540	Miscellaneous Reservations of Net Income	B-24	-
43	N/A	CA-AM Corporate Allocated Return on Rate Base included in Acct 502		2,447,681
44		Balance transferred to Earned Surplus or		\$ 50,807,557
45		Proprietary Accounts scheduled on pages 32-33		

**SCHEDULE A-1
Account 100 - Utility Plant**

Line No.	Acct	Title of Account (a)	Balance Beg of Year (b)	Additions During Year (c)	(Retirements) During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
1	100.1	Utility Plant in Service (Schedule A-1a)	1,267,587,739	72,245,278	(9,329,055)	41,678,451	\$ 1,372,182,414
2	100.2	Utility Plant Leased to Others					\$ -
3	100.3	Construction Work in Progress	245,486,342	121,039,052		(72,245,278)	\$ 294,280,116
4	100.4	Utility Plant Held for Future Use	1,538,817				\$ 1,538,817
5	100.5	Utility Plant Acquisition Adjustments*	30,150,885			69,343	\$ 30,220,228
6	100.6	Utility Plant in Process of Reclassification					\$ -
7		Total utility plant	1,544,763,783	\$ 193,284,330	\$ (9,329,055)	\$ (30,497,484)	\$ 1,698,221,575

Other debits of \$69,343 is adjustment related to the Sacramento District

Other credits of \$(72,245,278) represents transfer of completed CWIP to Utility Plant in Service

**SCHEDULE A-1a
Account 100.1 - Utility Plant in Service**

Line No.	Acct	Title of Account (a)	Balance Beg of Year (b)	Additions During Year (c)	(Retirements) During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
1		I. INTANGIBLE PLANT					
2	301	Organization	164,086	-	-	-	\$ 164,086
3	302	Franchises and Consents	418,180	-	-	-	\$ 418,180
4	303	Other Intangible Plant	2,511,979	-	(564,753)	(1,600,000)	\$ 347,226
5		Total Intangible Plant	\$ 3,094,245	\$ -	\$ (564,753)	\$ (1,600,000)	\$ 929,493
6							
7		II. LANDED CAPITAL					
8	306	Land and Land Rights	\$ 43,716,120	13,327,006	-	3,665,135	\$ 60,708,261
9							
10		III. SOURCE OF SUPPLY PLANT					
11	311	Structures and Improvements	16,225,688	2,636,172	(54,464)	(11,461)	\$ 18,795,935
12	312	Collecting and Impounding Reservoirs	1,871,397	-	-	-	\$ 1,871,397
13	313	Lake, River and Other Intakes	1,337,726	-	-	-	\$ 1,337,726
14	314	Springs and Tunnels	-	-	-	-	\$ -
15	315	Wells	55,491,483	602,639	(207,778)	1,398,730	\$ 57,285,074
16	316	Supply Mains	12,192,911	4,687	-	-	\$ 12,197,598
17	317	Other Source of Supply Plant	124,290	-	-	-	\$ 124,290
18		Total Source of Supply Plant	\$ 87,243,497	\$ 3,243,498	\$ (262,242)	\$ 1,387,269	\$ 91,612,022
19							
20		IV. PUMPING PLANT					
21	321	Structures and Improvements	30,004,040	400,962	(79,513)	141,855	\$ 30,467,344
22	322	Boiler Plant Equipment	-	-	-	-	\$ -
23	323	Other Power Production Equipment	5,502,370	44,624	(203,200)	56,549	\$ 5,400,343
24	324	Pumping Equipment	91,782,288	1,111,819	(541,036)	320,740	\$ 92,673,811
25	325	Other Pumping Plant	-	-	-	-	\$ -
26		Total Pumping Plant	\$ 127,288,699	\$ 1,557,405	\$ (823,749)	\$ 519,144	\$ 128,541,499
27							
28		V. WATER TREATMENT PLANT					
29	331	Structures and Improvements	21,195,362	20,165	(3,174,608)	5,551	\$ 18,046,470
30	332	Water Treatment Equipment	62,076,002	1,391,248	(488,314)	(30,196)	\$ 62,948,740
31		Total Water Treatment Plant	\$ 83,271,364	\$ 1,411,413	\$ (3,662,922)	\$ (24,645)	\$ 80,995,210

SCHEDULE A-1a
Account 100.1 - Utility Plant in Service (Continued)

Line No.	Acct	Title of Account (a)	Balance Beg of Year (b)	Additions During Year (c)	(Retirements) During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
VI. TRANSMISSION AND DIST. PLANT							
32	341	Structures and Improvements	3,121,438	322,067	(19,631)	-	\$ 3,423,874
34	342	Reservoirs and Tanks	94,510,130	831,505	(386,715)	922,700	\$ 95,877,620
35	343	Transmission and Distribution Mains	445,948,663	15,414,839	(187,799)	13,775,651	\$ 474,951,354
36	344	Fire Mains	151,374	-	-	-	\$ 151,374
37	345	Services	146,115,519	15,882,694	(1,298,747)	2,227,490	\$ 162,926,956
38	346	Meters	60,747,722	8,934,545	(1,003,429)	124,200	\$ 68,803,038
39	347	Meter Installations	34,670,632	-	-	-	\$ 34,670,632
40	348	Hydrants	36,318,309	3,078,146	(238,271)	584,329	\$ 39,742,513
41	349	Other Transmission and Distribution Plant	2,140,690	-	-	-	\$ 2,140,690
42		Total Transmission and Distribution Plant	\$ 823,724,479	\$ 44,463,796	\$ (3,134,592)	\$ 17,634,370	\$ 882,688,053
VII. GENERAL PLANT							
45	371	Structures and Improvements	14,007,616	1,587,866	(112,399)	1,676	\$ 15,484,759
46	372	Office Furniture and Equipment	42,011,919	4,623,097	(151,102)	-	\$ 46,483,913
47	373	Transportation Equipment	1,883,315	190,393	(1,072)	-	\$ 2,072,636
48	374	Stores Equipment	8,105	-	-	-	\$ 8,105
49	375	Laboratory Equipment	483,783	1,587	(9,500)	-	\$ 475,870
50	376	Communication Equipment	20,550,692	1,338,790	(472,088)	-	\$ 21,417,394
51	377	Power Operated Equipment	1,258,285	86,674	(6,856)	-	\$ 1,338,103
52	378	Tools, Shop and Garage Equipment	1,802,938	199,851	(60,591)	334	\$ 1,942,532
53	379	Other General Plant	3,086,159	213,903	(67,189)	-	\$ 3,232,873
54		Total General Plant	\$ 85,092,811	\$ 8,242,160	\$ (880,797)	\$ 2,010	\$ 92,456,184
VIII. UNDISTRIBUTED ITEMS							
57	390	Other Tangible Property	352,819	-	-	-	\$ 352,819
58	391	Utility Plant Purchased	13,803,706	-	-	20,095,168	\$ 33,898,874
59	392	Utility Plant Sold	-	-	-	-	\$ -
60		Total Undistributed Items	\$ 14,156,525	\$ -	\$ -	\$ 20,095,168	\$ 34,251,693
61		Total Utility Plant in Service	\$ 1,267,587,739	\$ 72,245,278	\$ (9,329,055)	\$ 41,678,451	\$ 1,372,182,414

SCHEDULE A-1b
Account 101 - Recycled Water Utility Plant

Line No.	Acct	Title of Account (a)	Balance Beg of Year (b)	Additions During Year (c)	(Retirements) During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
1	393	Recycled Water Intangible Plant					\$ -
2	394	Recycled Water Land and Land Rights					\$ -
3	395	Recycled Water Depreciable Plant					\$ -
4		Total Recycled Water Utility Plant	\$ -	\$ -	\$ -	\$ -	\$ -

SCHEDULE A-1c
Account 302 - Franchises and Consents

Line No.	Name of Original Grantor (a)	Date of Grant (b)	Term in Years (c)	Date of Acquisition by Utility (d)	Balance End of Year ¹ (e)
1	See Addendum Reference Schedule A-1c				418,180
2					
3					
4					
5					Total \$ 418,180

¹ The total should agree with the balance at the end of the year in Account 302 in Schedule A-1a Line 3.

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule A-1c
Account 302 - Franchises and Consents

District	PROPERTY	NAME OF ORIGINAL GRANTOR	DATE OF GRANT	TERM YEARS	DATE OF ACQUISITION BY UTILITY	AMOUNT CARRIED ON ACCOUNT
Los Angeles	Baldwin Hills	Los Angeles County				25,897
	San Marino	Los Angeles County				7,820
Total Los Angeles District						<u>33,717</u>
Monterey	Monterey					<u>27,696</u>
Ventura	Ventura					34,692
	Orbis					28,942
						<u>63,634</u>
Sacramento	Arden	Sacramento County	Not Available	Not Available	Not Available	3,522
(P.U.C. Decision # 51527)						
	Sacramento County	Ordinance #500	July 20, 1955	50	July 20, 1955	3,850
		Ordinance #542	August 6, 1956		August 6, 1956	
	Parkway	Sacramento County	Ordinance #492	May 18, 1955	May 18, 1955	
		Ordinance #713	Aug 22, 1960	50	Aug 22, 1960	4,700
		Ordinance #458	Sept. 2, 1953		Sept. 2, 1953	
		Ordinance #878	April 28, 1965		April 28, 1965	
		Ordinance #489	April 6, 1955	5	April 6, 1955	
		Ordinance #1223	Feb. 20, 1979		Feb. 20, 1979	
	Royal Oaks	Sacramento County	Ordinance #488	April 6, 1955	5 April 6, 1955	4,206
	Lincoln Oaks	Sacramento County	Ordinance #499	(1)July 20,1955	(1)July 20, 1955	4,346
	Sunrise	Sacramento County	Ordinance #1158	June 16, 1975	50 June 16, 1975	75
		Ordinance #1228	May 6, 1980	50	May 6, 1980	624
		Ordinance #1248	July 27, 1982	50	July 27, 1982	
		Ordinance #1254	Nov. 2, 1982		Nov. 2, 1982	
	Sacramento	Placer County	Ordinance #4609-B	Sept.30, 1994	50 Sept. 30, 1994	6,412
	Sacramento	Northridge/Placer				201,874
	Sacramento					63,523
Total Sacramento District						<u>293,133</u>
Larkfield	None					-
San Diego	None					-
Total All Districts						<u>418,180</u>

(1) Amended by: Ordinance #523 - February 15, 1956
Ordinance #540 - July 25, 1956

SCHEDULE A-1d
Account 100.4 - Utility Plant Held for Future Use

Line No.	Description and Location of Property (a)	Date of Acquisition (b)	Approximate Date When Property Will be Placed in Service (c)	Balance End of Year (d)
1	Shopping Center - Lot 13 - Village District	N/A		37,740
2	Dry Creek Land - 2.034 AC - Sacramento	3/16/04		281,500
3	Parcel 059 239 050 Well 6A - Larkfield	1/1/04		1,142,955
4	Land - 3415 Misty Moming Circle - Sacramento	1/1/94		34,115
5	Land 4234 Albertville Way - Sacramento	1/1/96		26,345
6	Land 3438 Esterbrook Way - Sacramento	1/1/92		16,163
7				
8				
9	Total			\$ 1,538,818

SCHEDULE A-2
Account 107 - Utility Plant Adjustments

Line No.	Description of Utility Plant Adjustments (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1			
2			
3			
4			
5			
6	Total - ending balance is accounted for on schedule A-1 Account 100.5	\$ -	\$ -

SCHEDULE A-3
Account 110 - Other Physical Property

Line No.	Name and Description of Property (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Non-Utility Property - Land	1,710,153	1,772,683
2	Non-Utility Property - Buildings	48,397	59,858
3			
4	See Addendum Reference Schedule A-3		
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15	Total	\$ 1,758,550	\$ 1,832,541

California - American Water Company
Schedule Attached to and Made as Part of
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Schedule A-3
Account 110 - Other Physical Property
Land

<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>ASSET ID</u>	Balance Beginning of Year	Balance End of Year
			<u>TOTAL AMOUNT</u>	<u>TOTAL AMOUNT</u>
053005	Land Otay Well #1	2652035	420	420
053005	Otay Watershed Water Rights	2652034	17,725	17,725
053005	Otay West End Grant	2652033	1,280	1,280
053005	Right of Way - Otay Wells	2652032	399	399
053005	Easement	3940418	11	11
054005	Airway Tank Site #2	2652025	1,088	1,088
054005	Ch Tank Site #1, Lower Mt.	2652026	300	300
054005	Del Rey Terrace Tank & PP #28	2652027	40	40
054005	Harding Well Site Lots	2652028	1,596	1,596
054005	Land & Ld Rights-SS	2653076	1,002	1,002
054005	Land & Ld Rights-SS	2653077	2,000	2,000
054005	Land & Ld Rights-SS	2653078	330	330
054005	Land & Ld Rights-SS	2653075	532	532
054005	Land & Ld Rights-SS	2653074	33,545	33,545
054005	Land & Ld Rights-TD	2653079	2,887	2,887
054005	Palm Well Site	2652031	1,600	1,600
054005	Paralta Tank Site	2652029	462	462
054005	Pierce Well Site 200' x 100' Easement	9051192	2,310	2,310
054005	Rights of Way from Los Tularcitos D	9051199	2,178	2,178
054005	Los Laureles Tank Site (Tularcitos Dam Site) 1	549130	71	71
054005	Pacific Grove Valve House	99194496	100	100
054005	Saucito Reservoir	1835355	8,869	8,869
054005	Scarlett Well Site	1835353	15,000	15,000
055005	San Marino	24262134	486,973	486,973
055005	San Marino	24262143	464,578	464,578
055005	Lot 1-Tract 8900	2653071	3,400	3,400
055005	Lot 6 San M Park	2653072	7,489	7,489
055005	Lot 60-Tract 1798	2653070	4,000	4,000
055005	Scott Res Site 1	2653073	516	516
055005	Vernon Well #2 .165 Acre lot	1835411	2,000	2,000
055005	Oak Knoll Circle Plant	1835409	6,930	6,930
055005	Blue Ribbon #2 - West of Gibson Rd	2687928	1,300	1,300
055005	Crown-haven Dr.	145576980	0	269
055005	Blue Ribbon #1 East of Eaton Wash	145046552	0	4,400
055105	Village Well #4 - Land	2652019	45	45
055105	Orbis Well #10 - Land	2652017	240	240
055105	Orbis Well #4 - Land	2652016	240	240

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule A-3
Account 110 - Other Physical Property
Land

<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>ASSET ID</u>	Balance Beginning of Year	Balance End of Year
			<u>TOTAL AMOUNT</u>	<u>TOTAL AMOUNT</u>
055105	Orbis Well #41 - Land	2652018	225	225
056005	3608 Faberge	2651682	91	91
056005	3805 Contempo Dr	2658577	102	102
056005	4121 Ashgrove	2651685	153	153
056005	4908 Buffwood	2651691	110	110
056005	6389 Navion Well Site	2651680	48	48
056005	6389 Navion Well Site 2	2651679	48	48
056005	65TH St Expressway Well Site	2651671	45	45
056005	7721 Cmwealth Dr Well Site	2651693	259	259
056005	9148 Castelbar	2651684	172	172
056005	9513 Mira Del Rio	2651678	72	72
056005	9605 Allegheny Well Site	2651675	75	75
056005	9836 Burline	2651688	100	100
056005	Auburn Well Site	2651690	86	86
056005	Barracuda Well Site	2651676	204	204
056005	Bellingrath Well Site	2651695	251	251
056005	Blackhawk Well Site	2651672	46	46
056005	Chardonnay Well Site No. 5	2651694	115	115
056005	Florin Creek Water Treatment Site	2658627	232,531	232,531
056005	Greenback Lane Well Site	2651674	40	40
056005	Huntsman Well Site	2651677	5	5
056005	Hurley Ave. Well Site Vacant	2651681	182	182
056005	Jeanne Well Site	2651673	345	345
056005	Land Parcel	2658635	17,856	17,856
056005	Linda Sue Well Site No. 2	2651669	226	226
056005	Map 1284 34 13 PARCEL 1	2658510	522	522
056005	Map 1284 34 29 PARCEL 1	2658517	1,093	1,093
056005	Map 1284 34 50 PARCEL 1	2658499	714	714
056005	Map 1284 34 91 PARCEL 1	2658569	10,011	10,011
056005	Map 1284 34 96 PARCEL 2	2658595	438	438
056005	Mills Station Well Site	2651686	485	485
056005	Parcel Each	2658615	112,875	112,875
056005	Parcel Each	2658626	22,733	22,733
056005	Pomegranate/La Mancha	2658637	220,748	220,748
056005	Undescribed	2651670	18	18
056005	3805 Contempo	2651683	262	262
056005	Map 1284 34 5 Parcel 1	2633274	4,972	4,972
056005	Map 1284 34 28 Parcel 1	2649503	2,842	2,842
056005	Land Parcel Pearl Hts	145046545	0	57,861
056105	MAP 58 090 16	2653080	7,597	7,597
Grand Total			1,710,153	1,772,683

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule A-3
Account 110 - Other Physical Property
Buildings

<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>ASSET ID</u>	Balance Beginning of Year	Balance End of Year
			<u>TOTAL AMOUNT</u>	<u>TOTAL AMOUNT</u>
056005	Fence	2651704	152	152
056005	Fence	2651700	2,564	2,564
056005	Fence	2651701	1,554	1,554
056005	Fence	2651702	1,566	1,566
056005	Fence	2651703	1,070	1,070
056005	Fence	2651705	33	33
056005	Fence	2651709	3,120	3,120
056005	Fence	2651713	7,806	7,806
056005	Fence	2651714	1,818	1,818
056005	Fence	2651715	1,329	1,329
056005	Fence	2651696	712	712
056005	Fence	2651718	3,333	3,333
056005	Fence	137732377	408	408
056005	Fence	137732422	6,749	6,749
056005	Fence	137732688	4,175	4,175
056005	Fence	137732742	2,194	2,194
056005	Fence	137732751	2,051	2,051
056005	Fence	137732724	548	548
056005	Fence	137732431	2,308	2,308
056005	Fence	137732413	527	527
056005	Fence	137732368	3,774	3,774
056005	Fence	141670483	-	1,959
056005	Fence	141670402	-	1,506
056005	Fence	141670465	-	4,593
056005	Fence	141670474	-	1,839
056005	Fence	141670507	-	1,564
056005	Gate	2651706	606	606
Grand Total			48,397	59,858

**SCHEDULE A-4
RATE BASE AND WORKING CASH**

Line No.	Acct.	Title of Account (a)	Balance 12/31/2022 (b)	Balance 1/1/2022 (c)
		RATE BASE		
1		Utility Plant		
2		Plant in Service	1,329,520,931	1,228,533,926
3		Construction Work in Progress	289,990,824	242,801,678
4		General Office Prorate - CA-AM Advice Letter CWIP	(187,500,157)	(172,106,284)
5		Total Gross Plant (=Line 2 + Line 3 + Line 4)	\$ 1,432,011,598	1,299,229,320
6		Less Accumulated Depreciation		
7		Plant in Service	(444,370,283)	(408,987,617)
8		General Office Prorate		
9		Total Accumulated Depreciation (=Line 7 + Line 8)	\$ (444,370,283)	(408,987,617)
10		Less Other Reserves		
11		Deferred Income Taxes	78,154,536	64,153,894
12		Deferred Investment Tax Credit	54,465	107,733
13		Other Reserves	18,497,743	20,646,192
14		Total Other Reserves (=Line 11 + Line 12 + Line 13)	\$ 96,706,744	84,907,819
15		Less Adjustments		
16		Contributions in Aid of Construction	109,495,009	98,236,485
17		Contributions in Aid of Construction (20 year amortization)	-	213,300
18		Advances for Construction	23,368,446	23,201,324
19		Advances for Construction (20 year amortization)	72,700	630,600
20		Other		
21		Total Adjustments (=Line 16 + Line 17 + Line 18+ Line 19 + Line 20)	\$ 132,936,155	122,281,709
22		Add Materials and Supplies	\$ 1,311,023	1,021,586
23		Add Working Cash (=Line 36)	31,249,016	30,824,530
24		TOTAL RATE BASE		
25		(=Line 5 + Line 9 - Line 14 - Line 21 + Line 22 + Line 23)	\$ 790,558,455	714,898,291
		Working Cash		
26		Determination of Operational Cash Requirement		
27		Operating Expenses, Excluding Taxes, Depreciation & Uncollectible	\$ 155,753,843	\$ 153,256,211
28		Purchased Power & Commodity for Resale*	\$ 8,427,380	\$ 7,861,217
29		Meter Revenues: Bimonthly Billing	\$ 260,266,940	\$ 244,948,054
30		Other Revenues: Flat Rate Monthly Billing	\$ 5,084,603	\$ 4,380,313
31		Total Revenues (=Line 29 + Line 30)	\$ 265,351,543	\$ 249,328,367
32		Ratio - Flat Rate to Total Revenues (=Line 30 / Line 31)	0.0192	0.0176
33		5/24 x Line 27 x (100% - Line 32)	31,826,943	31,367,445
34		1/24 x Line 27 x Line 32	124,355	112,186
35		1/12 x Line 27	702,282	655,101
36		Operational Cash Requirement (=Line 33 + Line 34 - Line 35)	\$ 31,249,016	\$ 30,824,530
		Electric power, gas or other fuel purchased for pumping and/or * purchased commodity for resale billed after receipt (metered).		

SCHEDULE A-5
Accounts 250, 251, 252, 253, 259 - Depreciation and Amortization Reserves

Line No.	Item (a)	Account 250 Utility Plant (b)	Account 251 Limited-Term Utility Investments (c)	Account 252 Utility Plant Acquisition Adjustments (d)	Account 253 Other Property (e)	Account 259 Recycled Water Utility Plant (f)
1	Balance in reserves at beginning of year	\$ 421,829,900	\$ 349,531	\$ 3,595,905	\$ 48,400	
2	Add: Credits to reserves during year					
3	(a) Charged to Account 503 ⁽¹⁾	31,188,128			261	
	(b) Charged to Account 504 ⁽¹⁾	2,172	3,426,891			
	(c) Charged to Account 505 ⁽¹⁾	-		954,319		
4	(d) Charged to Account 265	3,199,696				
5	(e) Charged to clearing accounts ⁽³⁾	174,825				
6	(f) Salvage recovered	93,104				
7	(g) All other credits ⁽³⁾	18,368,694			4,567	
8	Total credits	\$ 53,026,620	\$ 3,426,891	\$ 954,319	\$ 4,828	\$ -
9	Deduct: Debits to reserves during year					
10	(a) Book cost of property retired	(9,329,052)				
11	(b) Cost of removal	(5,463,056)				
12	(c) All other debits ⁽⁴⁾		(3,245,237)			
13	Total debits	\$ (14,792,108)	\$ (3,245,237)	\$ -	\$ -	\$ -
14	Balance in reserve at end of year	\$ 460,064,412	\$ 531,185	\$ 4,550,224	\$ 53,228	\$ -
15						
16	(1) COMPOSITE DEPRECIATION RATE USED FOR STRAIGHT LINE REMAINING LIFE:				2.72%	
17						
18	(2) CPUC Authorization for Composite Depreciation Rate (CPUC Decision, Resolution, or Advice Letter):					
19	D.21-11-018, East Pasadena AL1347, Piru AL 1388 and Bellflower AL 1390					
20	(3) EXPLANATION OF ALL OTHER CREDITS:					
21	charged to clearing accounts to account 250 in the amount of \$174,825 represents deferred depreciation					
22	offset in account 146 and capitalized depreciation on vehicles					
23	Other credits to account 250 primarily represents reserve adjustments for Piru and Bellflower acquisitions					
24	Other credits to account 253 represents reserve adjustment in non utility property					
25						
26						
27	(4) EXPLANATION OF ALL OTHER DEBITS:					
28	Other debits account 251 represent amounts charged to 504 that do not offset to 251					
29						
30						
31						
32						
33						
34						
35	(5) METHOD USED TO COMPUTE INCOME TAX DEPRECIATION:					
36	(a) Straight Line	(X)		Village, Orbis, Pollack, Pre 1970		
37	(b) Liberalized	()				
38	(1) Double declining balance	(X)		On Additions from 4-1-66 through 1970		
39	(2) ACRS	(X)		on additions 1981 through 1986		
40	(3) MACRS	(X)		on additions after 1986		
41	(4) Others	(X)		150% DBM on property acquired 4-1-66		
42	(c) Both straight line and liberalized	()		ADR on Additions 1971 through 1980		

SCHEDULE A-5a

Account 250 - Analysis of Entries in Depreciation Reserve

(This schedule is to be completed if records are maintained showing depreciation reserve by plant accounts)

Line No.	Acct.	DEPRECIABLE PLANT (a)	Balance Beginning of Year (b)	Credits to Reserve During Year Excl. Salvage (c)	Debits to Reserves (Dr.) During Year Excl. Cost Removal (d)	Salvage and Cost of Removal Net (Dr.) or Cr. (e)	Balance End of Year (f)
1		I. SOURCE OF SUPPLY PLANT					
2	311	Structures and Improvements	2,923,090	482,961	(54,464)	(110,132)	\$ 3,241,455
3	312	Collecting and Impounding Reservoirs	1,292,638	(45,240)	-	-	\$ 1,247,398
4	313	Lake, river and Other Intakes	573,625	39,169	-	-	\$ 612,794
5	314	Springs and Tunnels	-	-	-	-	\$ -
6	315	Wells	22,342,354	2,504,745	(207,778)	(26,921)	\$ 24,612,400
7	316	Supply Mains	3,586,846	535,375	-	-	\$ 4,122,221
8	317	Other Source of Supply Plant	105,596	(3,463)	-	-	\$ 102,133
9		Total Source of Supply Plant	\$ 30,824,148	\$ 3,513,547	\$ (262,242)	\$ (137,053)	\$ 33,938,400
10							
11		II. PUMPING PLANT					
12	321	Structures and Improvements	4,851,589	473,720	(79,513)	(138,029)	\$ 5,107,767
13	322	Boiler Plant Equipment	-	-	-	-	\$ -
14	323	Other Power Production Equipment	2,074,291	233,222	(203,200)	12,000	\$ 2,116,313
15	324	Pumping Equipment	35,625,980	3,168,081	(541,036)	(113,399)	\$ 38,139,626
16	325	Other Pumping Plant	-	-	-	-	\$ -
17		Total Pumping Plant	\$ 42,551,861	\$ 3,875,023	\$ (823,749)	\$ (239,428)	\$ 45,363,707
18							
19		III. WATER TREATMENT PLANT					
20	331	Structures and Improvements	8,766,463	339,536	(3,174,608)	(1,382)	\$ 5,930,009
21	332	Water Treatment Equipment	27,864,715	1,172,969	(488,314)	(35,199)	\$ 28,514,171
22		Total Water Treatment Plant	\$ 36,631,178	\$ 1,512,505	\$ (3,662,922)	\$ (36,581)	\$ 34,444,180
23							
24		IV. TRANS. AND DIST. PLANT					
25	341	Structures and Improvements	523,712	95,303	(19,631)	(8,268)	\$ 591,116
26	342	Reservoirs and Tanks	28,517,630	1,934,337	(386,715)	(842,633)	\$ 29,222,619
27	343	Transmission and Distribution Mains	137,070,847	18,183,902	(187,798)	(2,164,710)	\$ 152,902,241
28	344	Fire Mains	(11,692)	2,683	-	-	\$ (9,009)
29	345	Services	54,745,877	5,280,553	(1,298,747)	(1,277,710)	\$ 57,449,973
30	346	Meters	22,820,011	3,188,204	(1,003,429)	(209,343)	\$ 24,795,443
31	347	Meter Installations	19,310,453	1,803,834	-	-	\$ 21,114,287
32	348	Hydrants	13,545,916	1,208,171	(238,271)	(425,401)	\$ 14,090,415
33	349	Other Transmission and Distribution Plant	663,071	69,481	-	-	\$ 732,552
34		Total Transmission and Distribution Plant	\$ 277,185,825	\$ 31,766,468	\$ (3,134,591)	\$ (4,928,065)	\$ 300,889,637
35							
36		V. GENERAL PLANT					
37	371	Structures and Improvements	3,926,113	342,630	(112,399)	(20,949)	\$ 4,135,395
38	372	Office Furniture and Equipment	12,949,382	3,638,139	(151,103)	(3,957)	\$ 16,432,460
39	373	Transportation Equipment	349,166	154,466	(1,072)	(49)	\$ 502,511
40	374	Stores Equipment	3,274	166	-	-	\$ 3,440
41	375	Laboratory Equipment	152,152	4,126	(9,500)	-	\$ 146,778
42	376	Communication Equipment	5,790,081	878,479	(472,088)	(5,032)	\$ 6,191,440
43	377	Power Operated Equipment	803,869	13,198	(6,856)	13,830	\$ 824,041
44	378	Tools, Shop and Garage Equipment	656,347	31,473	(60,591)	(4,920)	\$ 622,308
45	379	Other General Plant	(2,189,539)	40,210	(631,942)	(7,746)	\$ (2,789,017)
46	390	Other Tangible Property	4,062,028	(32,167)	-	-	\$ 4,029,861
47	391	Water Plant Purchased	8,134,016	7,195,256	-	-	\$ 15,329,272
48		Total General Plant	\$ 34,636,889	\$ 12,265,975	\$ (1,445,551)	\$ (28,823)	\$ 45,428,490
49		Total	\$ 421,829,900	\$ 52,933,518	\$ (9,329,055)	\$ (5,369,950)	\$ 460,064,414

SCHEDULE A-6
Account 111 - Investments in Affiliated Companies

Line No.	Class of Security (a)	Name of Issuing Company (b)	Balance Beginning of Year (c)	Balance End of Year (d)	Rate of Interest (e)	Interest Accrued During Year (f)	Interest and Dividends Received During Year (g)
1	None		-	-			
2							
3							
4							
5							
6							
7			\$ -	\$ -		\$ -	\$ -

SCHEDULE A-7
Account 112 - Other Investments

Line No.	Name and Description of Property (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Goodwill	563,221	563,221
2	Other Investments	5,746	5,746
3			
4			
5			
6			
7			
8			
9	Total	\$ 568,967	\$ 568,967

SCHEDULE A-8
Account 113 - Sinking Funds

Line No.	Name of Fund (a)	Balance Beginning of Year (b)	Additions During Year		Deductions During Year (e)	Balance End of Year (f)
			Principal (c)	Income (d)		
1	None					\$ -
2						\$ -
3						\$ -
4						\$ -
5						\$ -
6						\$ -
7						\$ -
8						\$ -
9		\$ -	\$ -	\$ -	\$ -	\$ -

SCHEDULE A-9
Account 114 - Miscellaneous Special Funds

Line No.	Name of Fund (a)	Balance Beginning of Year (b)	Additions During Year		Deductions During Year (e)	Balance End of Year (f)
			Principal (c)	Income (d)		
1	None					\$ -
2						\$ -
3						\$ -
4						\$ -
5						\$ -
6						\$ -
7						\$ -
8						\$ -
9		Total	\$ -	\$ -	\$ -	\$ -

SCHEDULE A-10
Account 120 - Cash

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	Cash in Banks	970,858	475,042
2			
3			
4			
5		Total	\$ 970,858
			\$ 475,042

SCHEDULE A-11
Account 121 - Special Deposits

Line No.	Name of Depository (a)	Purpose of Deposit (b)	Balance Beg of Year (c)	Balance End of Year (d)
1			-	-
2	US Bank	State Revolving Funds	13,593	(1,639)
3	655 WB Operating, LLC	CA - Corp Office Security Deposit	37,445	37,445
4	East West Bank	Montgomery Building Lease Deposit	30,876	30,876
5	US Bank National Association	Escrow Deposit	600,000	600,000
6		Total	\$ 681,914	\$ 666,682

**SCHEDULE A-12
Account 122 - Working Funds**

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	Petty Cash	2,211	2,112
2			
3			
4			
5	Total	\$ 2,211	\$ 2,112

**SCHEDULE A-13
Account 123 - Temporary Cash Investments**

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None	-	-
2			
3			
4			
5	Total	\$ -	\$ -

**SCHEDULE A-14
Account 124 - Notes Receivable**

Line No.	Maker (a)	Date of Issue (b)	Date Payable (c)	Balance Beg of Year (d)	Balance End of Year (e)	Interest Rate (f)	Interest Accrued During Year (g)	Interest Received During Year (h)
1	None			-	-			
2								
3								
4								
5								
6	Total			\$ -	\$ -		\$ -	\$ -

**SCHEDULE A-15
Account 125 - Accounts Receivable**

Line No.	Acct.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	125-1	Accounts Receivable - Customers	25,925,411	23,300,181
2	125-2	Other Accounts Receivable	1,184,572	1,198,533
3				
4				
5	Total		\$ 27,109,983	\$ 24,498,714

SCHEDULE A-16
Account 126 - Receivables from Affiliated Companies

Line No.	Due from Whom (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Interest Rate (d)	Interest Accrued During Year (e)	Interest Received During Year (f)
1	American Water Capital Corporation	-	76,414			
2	American Water Works Service Company	461,513	448,092			
3	American Water Works Company	8,294,312	2,250,383			
4	Miscellaneous Intercompany Clearing	118,060	521,707			
5						
6						
7						
8						
9						
10	Total	\$ 8,873,885	\$ 3,296,596		\$ -	\$ -

SCHEDULE A-17
Account 131 - Materials and Supplies

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	131.1 Materials and Supplies - Utility	1,021,586	1,311,023
2	131.2 Materials and Supplies - Other		
3			
4			
5	Total	\$ 1,021,586	\$ 1,311,023

SCHEDULE A-18
Account 132 - Prepayments

Line No.	Item (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Prepaid Property Taxes	103,554	558,506
2	Prepaid Insurance	32,236	34,800
3	Prepaid Other	6,262,101	4,295,181
4			
5			
6			
7			
8			
9			
10	Total	\$ 6,397,891	\$ 4,888,487

SCHEDULE A-19
Account 133 - Other Current and Accrued Assets

Line No.	Item (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Accrued Utility Revenues	10,465,171	11,124,978
2	Deferred Vacation Pay	823,785	1,416,814
3			
4			
5			
6			
7			
8			
9			
10	Total	\$ 11,288,956	\$ 12,541,792

SCHEDULE A-20
Account 140 - Unamortized Debt Discount and Expense

Line No.	Designation of long-term debt (a)	Principal amount of securities to which discount and expense, relates (b)	Total discount and expense (c)	AMORTIZATION PERIOD		Balance beginning of year (f)	Debits during year (g)	Credits during year (h)	Balance end of year (i)
				From- (d)	To- (e)				
1									
2	American United Life Ins. - 6.76%	10,000,000	50,953	12/1/1993	12/1/2023	4,725		(2,427)	\$ 2,298
3	Salkeid & Co. - 6.76%	10,000,000	56,021	12/1/1993	12/1/2033	21,588		(1,810)	\$ 19,778
4	State Life & American United Ins. - 7.33%	10,000,000	255,110	5/1/1996	5/1/2026	47,383		(10,901)	\$ 36,482
5	American Water Capital Corp. -5.25%**	35,000,000	475,108	8/18/2020	9/1/2023	264,584		(156,486)	\$ 108,098
6	American Water Capital Corp. -3.85%	25,000,000	210,000	11/20/2013	3/1/2024	44,476		(20,345)	\$ 24,131
7	American Water Capital Corp. -4.30%	30,000,000	314,674	8/13/2015	9/1/2045	247,791		(10,464)	\$ 237,327
8	American Water Capital Corp. -3.75%	25,000,000	259,907	8/10/2017	9/1/2047	222,032		(8,640)	\$ 213,392
9	American Water Capital Corp. -3.75%	5,940,000	61,736	8/10/2017	9/1/2047	52,783		(2,060)	\$ 50,723
10	American Water Capital Corp. -4.20%	85,000,000	884,554	8/9/2018	9/1/2048	787,095		(29,501)	\$ 757,594
11	American Water Capital Corp. -4.15%	30,003,000	312,566	5/13/2019	6/1/2049	285,323		(10,404)	\$ 274,919
12	American Water Capital Corp. -3.45%	15,000,000	158,945	4/14/2020	5/1/2050	149,921		(5,290)	\$ 144,631
13	American Water Capital Corp. -60%	35,000,000	532,357	8/18/2020	9/1/2023	306,657		(183,113)	\$ 123,544
14	American Water Capital Corp. - 3.25%	35,200,000	374,533	5/14/2021	6/1/2051	367,728		(12,390)	\$ 355,338
15	American Water Capital Corp. - 3.25%	110,000,000	1,170,414	6/14/2021	6/14/2051	1,149,148		(39,167)	\$ 1,109,981
16	American Water Capital Corp. - 4.45%	40,000,000	338,275	5/5/2022	6/1/2032		338,275	(21,462)	\$ 316,813
17	Financing Fee						160,007	(160,007)	\$ -
18	Financing Fee		85,475	8/10/2017	9/1/2047	72,861		(2,844)	\$ 70,017
19	Revolver Fees		726,850			200,450	261,270	(84,256)	\$ 377,464
20	**Amortization of 5.25% series is based on decision to amortize the remaining debt issuance at July 31, 2020 over the life of the 2020 .60% series issue.								
21	The amount of \$475,108 in total discount and expense column (c) represents the unamortized balance at July 31, 2020								
22									\$ -
23						\$ 4,224,545	\$ 759,552	\$ (761,567)	\$ 4,222,530

SCHEDULE A-21
Account 240 - Unamortized Premium on Debt

Line No.	Designation of long-term debt (a)	Principal amount of securities to which premium minus expense, relates (b)	Total Net Premium (c)	AMORTIZATION PERIOD		Balance beginning of year (f)	Debits during year (g)	Credits during year (h)	Balance end of year (i)
				From- (d)	To- (e)				
1	None								\$ -
2									\$ -
3									\$ -
4									\$ -
5									\$ -
6									\$ -
7									\$ -
8									\$ -
9									\$ -
10									\$ -
11									\$ -
12									\$ -
13									\$ -
14									\$ -
15									\$ -
16									\$ -
17									\$ -
18						\$ -	\$ -	\$ -	\$ -

SCHEDULE A-22
Account 141 - Extraordinary Property Losses

Line No.	Description of Property Loss or Damage (a)	Total Amount of Loss (b)	Previously Written off (c)	Balance Beg of Year (d)	Written Off During Year		Balance End of year (g)
					Account Charged (e)	Amount (f)	
1	None						\$ -
2							\$ -
3							\$ -
4	Total	\$ -	\$ -	\$ -		\$ -	\$ -

SCHEDULE A-23
Account 142 - Preliminary Survey and Investigation Charges

Line No.	Description of Charges (a)	Balance Beg of Year (b)	Balance End of Year (c)
1		-	-
2			
3			
4			
5	Total	\$ -	\$ -

SCHEDULE A-24
Account 143 - Clearing Accounts

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None		
2			
3			
4			
5	Total	\$ -	\$ -

SCHEDULE A-25
Account 145 - Other Work in Progress

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None		
2			
3			
4			
5	Total	\$ -	\$ -

SCHEDULE A-26
Account 146 - Other Deferred Debits

Line No.	Item (a)	Balance Beg of Year (b)	Balance End of year (c)
1	See Addendum Reference Schedule A-26	220,987,266	217,505,397
2			
3			
4			
5			
6	Total	\$ 220,987,266	\$ 217,505,397

SCHEDULE A-27
Account 147 - Accumulated Deferred Income Tax Assets

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None	-	-
2			
3			
4			
5	Total	\$ -	\$ -

SCHEDULE A-28
Account 150 - Discount on Capital Stock

- Report the balance at end of year of discount on capital stock for each class and series of capital stock.
- If any change occurred during the year in the balance with respect to any class or series of stock, attach a statement giving particulars of the change. State the reason for any charge-off during the year and specify the account charged.

Line No.	Class and Series of Stock (a)	Balance Beg of Year (b)	Balance End of year (c)
1	None		
2			
3	Total	\$ -	\$ -

SCHEDULE A-29
Account 151- Capital Stock Expense

- Report the balance at end of year of capital stock expense for each class and series of capital stock.
- If any change occurred during the year in the balance with respect to any class or series of stock, attach a statement giving particulars of the change. State the reason for any charge-off of capital stock expense and specify the account charged.

Line No.	Class and Series of Stock (a)	Balance Beg of Year (b)	Balance End of year (c)
1	None		
2			
3	Total	\$ -	\$ -

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule A-26
Account 146 - Other Deferred Debits

Line No.	Item (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	RWIP - Cost of Removal	3,871,090	5,433,212
2	Reg Asset-AFUDC-Equity-CWIP	11,257,315	-
3	Reg Asset-AFUDC-Equity	526,766	-
4	Reg Asset-Other	(61,846)	-
5	Reg Asset-Accum Amortization	(556,660)	-
6	Reg Asset Plant Flow Through	-	8,790,514
7	Reg Asset State Flow Through	-	4,059,223
8	Programmed Maintance-Tank Painting	7,743,237	8,714,823
9	Deferred OPEB	46,004	46,004
10	Deferred Pension	(1,233)	(1,233)
11	Deferred Consulting Fees - Dunnigan	397,545	392,838
12	Enviromental Remediation Study-NOAA	1,109,319	-
13	Sobranes Fire - Fuel Reduction	4,144	4,279
14	Cease & Desist Order Memo Account	213,409	1,384,770
15	Closing Costs	195,830	584,891
16	CIAC's Vintage - Method 5	223,317	211,570
17	San Clemente Dam	62,784,441	60,557,244
18	Funds Restricted for Construction	364,110	365,145
19	WRAM/MCBA	21,648,656	16,913,844
20	School Lead Testing	1,144	1,169
21	Endangered Species Act (ESA)	477,444	640,500
22	Drought Memorandum Account	-	392,802
23	Citizens Acquisition Purchase Premium-Net of Amortization	50,377,161	49,463,099
24	CIAC - Meadowbrook	259,484	164,818
25	Deferred Charges - CAC GrossUp	1,311,507	1,421,694
26	Deferred Charges - CAC DIT	1,500,785	1,660,861
27	Non Revenue Water Action Plan	48	-
28	Credit Card Pilot Program Memo Account	969,719	1,428,188
29	Group Insurance Balancing Account	729,810	(194,120)
30	Sustainable Groundwater Management Act Memo Account	861,369	1,191,827
31	Operating Lease Right of Use Assets	19,056,712	18,900,038
32	Interim Rates	10,656,065	20,277,504
33	COVID-19 Financial Impacts	9,962,360	1,141,949
34	Public Safety Power Shut-Off Memo Acct	262,373	522,278
35	Other Regulatory/Long Term Assets	14,795,841	13,035,666
36			
37	Total	220,987,266	217,505,397

SCHEDULE A-30								
Account 200 - Common Capital Stock								
Line No.	Class of Stock (a)	Number of Shares Authorized by Articles of Incorporation (b)	Par Value of Stock Authorized by Articles of Incorporation (c)	Number of Shares Outstanding ¹ (d)	Balance Beg of Year (e)	Balance End of Year (f)	Dividends Declared During Year	
							Rate (g)	Amount (h)
1	Common	2,000,000	\$ -	619,136	92,477,914	92,477,914		46,893,361
2								
3								
4								
5								
6	Total				\$ 92,477,914	\$ 92,477,914		\$ 46,893,361

¹ After deduction for amount of reacquired stock held by or for the respondent.

SCHEDULE A-30a								
Account 201- Preferred Capital Stock								
Line No.	Class of Stock (a)	Number of Shares Authorized by Articles of Incorporation (b)	Par Value of Stock Authorized by Articles of Incorporation (c)	Number of Shares Outstanding ¹ (d)	Balance Beg of Year (e)	Balance End of Year (f)	Dividends Declared During Year	
							Rate (g)	Amount (h)
1	None				-	-		
2								
3								
4								
5								
6	Total				\$ -	\$ -		\$ -

¹ After deduction for amount of reacquired stock held by or for the respondent.

SCHEDULE A-30b				
Record of Stockholders at End of Year				
Line No.	COMMON STOCK Name (a)	Number Shares (b)	PREFERRED STOCK Name (c)	Number Shares (d)
1	American Water Works Co., Inc.	619,136	None	
2				
3				
4				
5				
6				
7				
8				
9	Total number of shares	619,136	Total number of shares	-

SCHEDULE A-31			
Account 202 - Stock Liability for Conversion			
Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None	-	-
2			
3			
4			
5	Total	\$ -	\$ -

SCHEDULE A-32
Account 203 - Premiums and Assessments on Capital Stock

Line No.	Class of Stock (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None		
2			
3			
4			
5			
6			
7			
8			
9	Total	\$ -	\$ -

SCHEDULE A-33
Account 206 - Subchapter S Corporation Accumulated Adjustments Account

Line No.	Description of Items (a)	Amount (b)
1	Balance beginning of year N/A	
2	Credit:	
3	Net Income	
4	Accounting Adjustments	
5		
6	Debit:	
7	Net Loss	
8	Accounting Adjustments	
9	Dividends	
10		
11	Balance end of year	\$ -

SCHEDULE A-34
Account 270 - Capital Surplus (For use by Corporations only)

Line No.	Item (a)	Amount (b)
1	Balance beginning of year	\$ 314,508,931
2	CREDITS (Give nature of each credit and state account charged)	
3	Employee Stock Purchase Program	126,175
4	Equity Infusion	30,000,000
5	Restricted Stock Units & Options	659,697
6	Total credits	\$ 30,785,872
7	DEBITS (Give nature of each debit and state account credited)	
8		
9		
10		
11	Total debits	\$ -
12	Balance end of year	\$ 345,294,803

SCHEDULE A-35
Account 271 - Earned Surplus (For use by Corporations only)

Line No.	Acct	Account (a)	Amount (b)
1		Balance beginning of year	\$ 123,619,887
2		CREDITS	
3	400	Credit balance transferred from income account	50,807,557
4	401	Miscellaneous credits to surplus (specify)	
5		Change in Monterey Waste Water Retained Earnings	(631,517)
6		Change in Dunnigan Waste Water Retained Earnings	18,040
7		Total credits	\$ 50,194,080
8		DEBITS	
9	410	Debit balance transferred from income account - Monterey Waste Water	514,084
10	410	Debit balance transferred from income account - Dunnigan Waste Water	(159,842)
11	411	Dividend appropriations-preferred stock	
12	412	Dividend appropriations-Common stock	(46,893,361)
13	413	Miscellaneous reservations of surplus	
14	414	Miscellaneous debits to surplus (specify)	
15		Accounting Adjustment	
16		Total debits	\$ (46,539,119)
17		Balance end of year	\$ 127,274,848

SCHEDULE A-36
Account 204 - Proprietary Capital
(Sole Proprietor or Partnership)

Line No.	Item (a)	Amount (b)
1	Balance Beginning of year - Schedule Not Applicable	
2	CREDITS	
3	Net income for year	
4	Additional investments during year	
5	Other credits (specify)	
6		
7	Total credits	\$ -
8	DEBITS	
9	Net loss for year	
10	Withdrawals during year	
11	Other debits (specify)	
12		
13	Total debits	\$ -
14	Balance end of year	\$ -

SCHEDULE A-37
Account 205 - Undistributed Profits
of Proprietorship or Partnership
(The use of this account is optional)

Line No.	Item (a)	Amount (b)
1	Balance Beginning of year - Schedule Not Applicable	
2	CREDITS	
3	Net income for year	
4	Other credits (specify)	
5		
6	Total credits	\$ -
7	DEBITS	
8	Net loss for year	
9	Withdrawals during year	
10	Other debits (specify)	
11		
12	Total debits	\$ -
13	Balance end of year	\$ -

SCHEDULE A-38
Account 210 - Bonds

Line No.	Class of Bond (a)	Date of Issue (b)	Date of Maturity (c)	Principal Amount Authorized (d)	Balance Beg of Year (e)	Balance End of Year (f)	Rate of Interest (g)	Sinking Fund Added in Current Year (h)	Cost of issuance (i)	Interest Accrued During Year (j)	Interest Paid During Year (k)
1	General Mortgage Bonds	12/01/1993	12/01/2023	10,000,000	10,000,000	-	6.76%		50,953	676,000	676,000
2	General Mortgage Bonds	12/01/1993	12/01/2033	10,000,000	10,000,000	10,000,000	6.76%		56,021	676,000	676,000
3	General Mortgage Bonds	05/01/1996	05/01/2026	10,000,000	10,000,000	10,000,000	7.33%		255,110	733,000	733,000
4	Notes Payable to Affiliate	11/20/2013	03/01/2024	25,000,000	25,000,000	25,000,000	3.85%		210,000	962,500	962,500
5	Debt Discount Related to 3.85% series				(21,022)	(11,319)				9,703	
6	Notes Payable to Affiliate	08/13/2015	09/01/2045	30,000,000	30,000,000	30,000,000	4.30%		314,674	1,290,000	1,290,000
7	Debt Discount Related to 4.30% series				(310,113)	(296,846)				13,267	
8	Notes Payable to Affiliate	08/10/2017	09/01/2047	25,000,000	25,000,000	25,000,000	3.75%		259,907	937,500	937,500
9	Notes Payable to Affiliate	08/10/2017	09/01/2047	5,940,000	5,940,000	5,940,000	3.75%		61,736	222,750	222,750
10	Debt Discount Related to 3.75% series				(81,250)	(78,081)				3,170	
11	Notes Payable to Affiliate	08/09/2018	09/01/2048	85,000,000	85,000,000	85,000,000	4.20%		884,554	3,570,000	3,570,000
12	Debt Discount Related to 4.20% series				(40,839)	(39,307)				1,531	
13	Notes Payable to Affiliate	05/13/2019	06/01/2049	30,003,000	30,003,000	30,003,000	4.15%		312,566	1,245,125	1,245,125
14	Debt Discount Related to 4.15% series				(145,081)	(139,789)				5,292	
15	Notes Payable to Affiliate	04/14/2020	05/01/2050	15,000,000	15,000,000	15,000,000	3.45%		158,945	517,500	517,500
16	Debt Discount Related to 3.45% series				(29,138)	(28,109)				1,028	
17	Notes Payable to Affiliate*	08/18/2020	09/01/2023	35,000,000	35,000,000	-	0.60%		1,007,465	210,000	210,000
18	Notes Payable to Affiliate	05/14/2021	06/15/2051	35,200,000	35,200,000	35,200,000	3.25%		374,533	1,144,000	1,144,000
19	Debt Discount Related to 3.25% series				(98,904)	(95,542)				3,362	
20	Notes Payable to Affiliate	06/14/2021	06/14/2051	110,000,000	110,000,000	110,000,000	3.25%		1,170,414	3,575,000	3,575,000
21	Debt Discount Related to 3.25% series				(309,075)	(298,568)				10,507	
22	Notes Payable to Affiliate	05/05/2022	06/01/2032	40,000,000	0	40,000,000	4.45%		338,275	1,166,889	1,018,556
23	Debt Discount Related to 4.45% series				0	(118,548)				8,252	
24	Water Facility Loan (SRF) - Garrapata	04/01/2012	02/28/2033	103,476	79,320	73,611	2.50%			1,005	2,083
25	SRF Loan - Fruitridge	02/04/2020	04/01/2027	1,624,143	965,010	745,299	0.00%				
26	SRF Loan - Hillview	06/24/2020	01/01/2038	2,285,068	1,913,183	1,786,235	0.00%				
27	Amortization of Premium on Early Redemption				-	-				77,886	
28											
29											
30				Total	\$ 428,065,091	\$ 422,642,036		\$ -	\$ 5,455,153	\$ 17,061,267	\$ 16,780,014

* Notes payable to affiliate .60% series cost of issuance of \$1,007,465 represents \$532,357 current issuance costs plus \$475,108 unamortized amount remaining of the original \$713,069 issuance costs from the refinanced 5.25% issuance which will be amortized over the remaining life of the .60% series.

SCHEDULE A-39
Account 211 - Receivers' Certificates

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None	-	-
2			
3			
4			
5	Total	\$ -	\$ -

SCHEDULE A-40
Account 212 - Advances from Affiliated Companies

Line No.	Nature of Obligation (a)	Balance Beg of Year (b)	Balance End of Year (c)	Rate of Interest (d)	Interest Accrued During Year (e)	Interest Paid During Year (f)
1	None	-	-			
2						
3						
4						
5	Total	\$ -	\$ -		\$ -	\$ -

SCHEDULE A-41
Account 213 - Miscellaneous Long-Term Debt

Line No.	Nature of Obligation (a)	Date of Issue (b)	Date of Maturity (c)	Balance Beg of Year (d)	Balance End of Year (e)	Rate of Interest (f)	Interest Accrued During Year (g)	Interest Paid During Year (h)
1								
2	None							
3								
4								
5								
6								
7								
8	Total			\$ -	\$ -		\$ -	\$ -

SCHEDULE A-42
Securities Issued or Assumed During Year

Line No.	Class of Security (a)	Commission Authorization (b)	Amount Issued During Year (omit cents) (c)	Discount or Premium (d)	Expenses (e)
1					
2	None				
3					
4					
5	Total		\$ -	\$ -	\$ -

SCHEDULE A-43
Account 220 - Notes Payable

Line No.	In Favor of (a)	Date of Issue (b)	Date of Maturity (c)	Balance Beg of Year (d)	Balance End of Year (e)	Rate of Interest (f)	Interest Accrued During Year (g)	Interest Paid During Year (h)
1	American Water Capital Corporation	None	None	70,623,683	77,568,940	NA		1,051,149
2								
3								
4								
5								
6								
7	Total			\$ 70,623,683	\$ 77,568,940		\$ -	\$ 1,051,149

SCHEDULE A-44
Account 221 - Notes Receivable Discounted

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None	-	-
2			
3			
4			
5	Total		\$ -

SCHEDULE A-45
Account 222 - Accounts Payable

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	AP - Project Cost Accrual	9,496,435	10,087,362
2	AP - GRIR Capital Services	343,883	255,879
3	AP - Contract Retentions	40,000	40,000
4	AP - Miscellaneous	8,937,276	8,324,557
5	Total		\$ 18,817,594

SCHEDULE A-46
Account 223 - Payables to Affiliated Companies

Line No.	Nature of Obligation (a)	Balance Beg of Year (b)	Balance End of Year (c)	Rate of Interest (d)	Interest Accrued During Year (e)	Interest Paid During Year (f)
1	American Water Works Service Company	1,458,363	1,065,818	NA	NA	NA
2	American Water Capital Corporation	(3,329)	-			
3	Miscellaneous Intercompany Clearing	13,517	26,266			
4	American Water Works Company, Inc.,	-	101,967			
5						
6						
7	Total		\$ 1,468,551	\$ 1,194,051	\$ -	\$ -

SCHEDULE A-47
Account 224 - Dividends Declared

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None	-	-
2			
3			
4			
5	Total	\$ -	\$ -

SCHEDULE A-48
Account 225 - Matured Long-Term Debt

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1		-	-
2	Water Facility Loan (SRF) 2.50% - current portion	5,207	5,709
3	General Mortgage Bonds 6.76% Series Due 12/01/2023	-	10,000,000
4	Notes Payable to Affiliate .60% Series Due 09/01/2023	-	35,000,000
5	State Revolving Fund (SRF) non-interest bearing - current portion	219,711	219,711
6	State Revolving Fund (SRF) non-interest bearing - current portion	126,948	126,948
7			
8	Total	\$ 351,866	\$ 45,352,368

SCHEDULE A-49
Account 226 - Matured Interest

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	None	-	-
2			
3			
4			
5	Total	\$ -	\$ -

SCHEDULE A-50			
Account 227 - Customers' Deposits			
Line No.	Description of Items (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	None		
2			
3			
4			
5	Total	\$ -	\$ -

SCHEDULE A-51			
Account 229 - Interest Accrued			
Line No.	Description of Items (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	229-1 Interest Accrued on Long-Term Debt	3,216,382	3,364,672
2	229-2 Interest Accrued on Other Liabilities		
3			
4			
5	Total	\$ 3,216,382	\$ 3,364,672

SCHEDULE A-52			
Account 230 - Other Current and Accrued Liabilities			
Line No.	Description (a)	Balance Beginning of Year (a)	Balance End of Year (b)
1	Accrued Vacation	823,785	1,416,814
2	Accrued Purchase Water	6,066,866	11,698,274
3	Accrued Purchase Power	621,541	601,320
4	Accrued Legal	276,014	395,200
5	Accrued Wages	574,734	711,812
6	Accrued Insurance, Retro Insurance Adjustment and Unfunded	(107,820)	-
7	Accrued Retiree Medical	66,600	67,800
8	Accrued DCP Contribution	67,360	70,064
9	Accrued Bank Fees	10,932	19,112
10	Accrued Payroll Withholding & Taxes	168,703	169,052
11	Accrued Employee 401K Match	45,814	45,905
12	Unclaimed Credits	24,419	288,103
13	Unclaimed AP Checks	73,343	241,480
14	GRIR Capital Expenditures	577,811	909,667
15	Incentive Plan Cash Annual	2,813,023	2,943,000
16	Miscellaneous Deposits Payable	21,858	-
17	Collection For PUC Surcharges	658,233	677,919
18	Collection for Others - MPWMD User Fee	445,493	424,426
19	Collection For Other-Gross Recorded Tax	1,138,960	2,099,044
20	Collection For Other-Municipal Tax	2,297,368	2,427,302
21	Collection for Others	654	2,837
22	Collection For Others Miscellaneous	(1,508)	33,146
23	Other Current Liability Analyzed	1,985,888	2,032,178
24	Deferred Revenue - Current Portion	287,307	323,924
25	Operating Lease - Current Portion	2,437,403	1,892,613
26			
27			
28			
29			
30	Total	\$ 21,374,781	\$ 29,490,992

SCHEDULE A-53
Account 228 - Taxes Accrued

1. This schedule is intended to give particulars of the combined prepaid and accrued tax accounts and to show the total taxes charged to operations and other accounts during the year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the material on which the tax was levied and charged.
2. Taxes, paid during the year and charged direct to final accounts, that is, not charged to prepaid or accrued taxes, should be included in the schedule. Enter the amounts both in columns (d) and (e). The balancing of the schedule is not affected by the inclusion of these taxes.
3. Taxes charged during the year, column (d), include taxes charged to operations and other accounts through (a) accruals credited to taxes accrued, (b) amounts credited to prepaid taxes for proportions of prepaid taxes chargeable to current year, and (c) taxes paid and charged direct to operations or accounts other than accrued and prepaid tax accounts.
4. If any tax covers more than 1 year, the required information of all columns should be shown separately for each year.
5. Enter all adjustments of the accrued and prepaid tax accounts in column (f) and explain each adjustment. Designate debit adjustments by parentheses.
6. See schedule entitled "TAXES CHARGED DURING YEAR," page 48, for a distribution of taxes charged, columns (c) - (f) according to utility departments and accounts.
7. **Do not include in this schedule entries with respect to deferred income taxes or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.**

Line No.	Kind of Tax (See Instruction 5) (a)	BALANCE BEGINNING OF YEAR		Taxes Charged During Year (d)	Paid During Year (e)	Adjustments (f)	BALANCE END OF YEAR	
		Taxes Accrued (b)	Prepaid Taxes (c)				Taxes Accrued (Account 228) (g)	Prepaid Taxes (Incl. in Acct. 132) (h)
1	Taxes on real and personal property - accrued	570,802		7,044,084	6,989,360	(429,503)	196,023	
2	Taxes on real and personal property - prepaid		103,554	757,358	1,622,944	410,634		558,506
3	State corporation franchise tax	103,267		93,827	(7,140)	14,204	218,438	
4	State unemployment insurance tax	28		93,644	93,984		(312)	
5	Other state and local taxes	45,476		539,543	509,618		75,401	
6	Federal unemployment insurance tax	-		15,260	14,377	6,411	7,294	
7	Fed. ins. contr. act (old age retire.)	244,096		2,519,508	2,508,097		255,507	
8	Other federal taxes	-					-	
9	Federal income taxes	237,570		10,334,796	12,428,776	(6,859,004)	(8,715,414)	
10	State income taxes	15,522,010		1,728,031		10,357	17,260,398	
11	Licenses							
12	Miscellaneous							
13	Deferred Taxes & ITC			1,328,309		(1,328,309)	-	
14	Total	\$ 16,723,250	\$ 103,554	\$ 24,454,360	\$ 24,160,016	\$ (8,175,210)	\$ 9,297,336	\$ 558,506

(1) Fed. & State income tax on CIAC & Advances

SCHEDULE A-54
Account 241 - Advances for Construction

Line No.	Description (a)	Amount (b)
1	Balance beginning of year	23,201,324
2	Additions during year	1,074,640
3	Subtotal - Beginning balance plus additions during year	\$ 24,275,964
4	Charges during year	
5	Refunds:	
6	Percentage of revenue basis	
7	Proportionate cost basis	635,552
8	Present worth basis	
9	Total refunds	\$ 635,552
10	Transfers to Acct 265 - Contributions in Aid of Construction	
11	Due to expiration of contracts	271,966
12	Due to present worth discount	
13	Total transfers to Acct. 265	\$ 271,966
14	Securities Exchanged for Contracts (enter detail below)	
15	Subtotal - Charges during year	\$ 907,518
16	Balance end of year	\$ 23,368,446

If stock, bonds, etc., were issued in exchange for construction advance contracts give details below:

Line No.	Type of Security or Other Consideration (Other than Cash) (a)	Dividend or Interest Rate (b)	PUC Decision Number (c)	Amount Issued (d)
17	Common stock			
18	Preferred stock			
19	Bonds			
20	Other (describe)			
21				
22				

SCHEDULE A-55
Account 242 - Other Deferred Credits

Line No.	Item (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Reg Liab-Exc Def FIT	41,030,132	30,045,811
2	Reg Liab-Exc Def SIT		2,852,037
3	Reg Liab-ITC Gross-Up 3%	-	21,161
4	Reg Liab-ITC Gross-Up 10%	41,853	-
5	Reg Liab-ITC Gross-Up 6%	(5)	-
6	Reg Liab-Inc Tax Rec Thru Rates - Two Way Tax Memo Account	(4,010,696)	-
7	Conservation Surcharge	2,109,492	1,589,365
8	DCA-Accr Pension Def Benefit	(5,479,851)	(8,644,575)
9	Reg Liab- Pension Tracker	5,318,496	7,746,347
10	DCA-Accr OPEB	(3,190,655)	(5,140,340)
11	DCA-Accr OPEB Med Subsidy	160,258	171,139
12	Reg Liab - OPEB Tracker	2,151,036	2,519,454
13	COVID-19 Financial Impacts	1,006,883	-
14	Reg Liab-CAC CP	1,334,450	1,475,541
15	Deferred Purchased Water	-	81,556
16	Accrued 401K Restoration	2,569	-
17	Deferred Revenue - CAC	280,273	345,549
18	DCA-Def Rev CIAC	50,720	42,984
19	DCA-Def Rev CIAC FIT	(2,655)	1
20	DCA-Defined Compensation Plan	12,452	-
21	DCA-Tax Gross-Up AIC	1,420,054	1,405,731
22	DCA-Tax Gross-Up AIC FIT/SIT	136,048	154,981
23	DCA-Tax Gross-Up AIC SIT	(1,207)	(1,441)
24	Reg Liability - Other	6,922,060	11,989,235
25	Reg Liability - Vintage CIAC's	297,913	282,253
26	DCN-Adv Pay & Dep Other	239,150	219,750
27	Other Long Term Liability - Operating Lease	9,588,122	9,533,182
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38	Total	\$ 59,416,892	\$ 56,689,721

SCHEDULE A-56
Accounts 254 to 258, Inclusive - Miscellaneous Reserves

Line No.	Account (a)	Balance Beginning of Year (b)	DEBITS		CREDITS		Balance End of Year (g)
			Nature of Items (c)	Amount (d)	Account Charged (e)	Amount (f)	
1	254	6,489,978	Reserve Bad Debt	(4,728,186)		2,853,683	\$ 4,615,475
2	255	-					\$ -
3	256	-					\$ -
4	257	-					\$ -
5	258	2,633,043	FIN 48 Reserve	(1,305,667)		2,128,509	\$ 3,455,885
6		-					\$ -
7	Total	\$ 9,123,021		\$ (6,033,853)		\$ 4,982,192	\$ 8,071,360

SCHEDULE A-57
Account 265 - Contributions in Aid of Construction

Line No.	Item (a)	Total All Columns (b)	Contamination Proceeds 265-1 to 265-6		Other 265-7	
			Depreciable (e)	Non-Depreciable (f)	Depreciable (c)	Non-Depreciable (d)
1	Balance beginning of year	\$ 98,241,485	23,953,344	424,755	73,613,544	249,842
2	Add: Credits to account during year					
3	Contributions received during year	\$ 12,633,866			12,633,866	
4	Other credits*	\$ 2,068,656			2,068,656	
5	Total credits	\$ 14,702,522	\$ -	\$ -	\$ 14,702,522	\$ -
6	Deduct: Debits to account during year					
7	Depreciation charges for year	\$ (3,199,696)	(56,782)		(3,142,914)	
8	Nondepreciable donated property retired	\$ -				
9	Other debits*	\$ (249,302)			(249,302)	
10	Total debits	\$ (3,448,998)	\$ (56,782)	\$ -	\$ (3,392,216)	\$ -
11	Balance end of year	\$ 109,495,009	\$ 23,896,562	\$ 424,755	\$ 84,923,850	\$ 249,842

See addendum reference schedule A-57 pertaining to grant funds received to address contaminated water supplies.

*Amounts in Other Credits includes acquisition of Bellflower

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule A-57
Account 265 - Contributions in Aid of Construction

Name	Amount of Grant Funds Received	Amount of Grant Funds spend during 2022	Description of plant constructed with Grant Funds
Nothing to Report for 2022			

SCHEDULE A-59
Account 267 - Accumulated Deferred Income Taxes Liabilities

Line No.	Description of Items (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Accumulated Def FIT	91,614,506	101,199,867
2	Accumulated Def SIT	29,873,768	33,287,783
3			
4			
5	Total	\$ 121,488,274	\$ 134,487,650

SCHEDULE A-60
Account 268 - Accumulated Deferred Investment Tax Credits

Line No.	Description of Items (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Unamortized ITC 10%	107,726	54,458
2	Unamortized ITC 6%	7	7
3			
4			
5	Total	\$ 107,733	\$ 54,465

SCHEDULE B-1
Account 501 - Operating Revenues

Line No.	Acct.	ACCOUNT (a)	Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
1		I. WATER SERVICE REVENUES			
2	601	Metered Sales to General Customers			
3		601-1.1 Residential Sales	164,251,774	153,757,777	\$ 10,493,997
4		601-1.2 Residential Low Income Discount (Debit)	-	-	\$ -
5		601-2 Commercial Sales	76,001,273	70,731,708	\$ 5,269,565
6		601-3 Industrial Sales	4,864,303	4,467,718	\$ 396,585
7		601-4 Sales to Public Authorities	20,365,408	18,046,018	\$ 2,319,390
8		Sub-total	\$ 265,482,758	\$ 247,003,221	\$ 18,479,537
9	602	Unmetered Sales to General Customers			
10		602-1.1 Residential Sales	2,050,994	1,556,305	\$ 494,689
11		602-1.2 Residential Low Income Discount (Debit)	-	-	\$ -
12		602-2 Commercial Sales	-	-	\$ -
13		602-3 Industrial Sales	-	-	\$ -
14		602-4 Sales to Public Authorities	-	-	\$ -
15		Sub-total	\$ 2,050,994	\$ 1,556,305	\$ 494,689
16	603	Sales to Irrigation Customers			
17		603.1 Metered sales	-	-	\$ -
18		603.2 Flat Rate Sales	-	-	\$ -
19		Sub-total	\$ -	\$ -	\$ -
20	604	Private Fire Protection Service	3,011,714	2,615,540	\$ 396,174
21	605	Public Fire Protection Service	-	-	\$ -
22	606	Sales to Other Water Utilities for Resale	-	-	\$ -
23	607	Sales to Governmental Agencies by Contracts	-	-	\$ -
24	608	Interdepartmental Sales	-	-	\$ -
25	609	Other Sales or Service	757,376	503,153	\$ 254,223
26		Sub-total	\$ 3,769,090	\$ 3,118,693	\$ 650,397
27		Total Water Service Revenues	\$ 271,302,842	\$ 251,678,219	\$ 19,624,623
28		II. OTHER WATER REVENUES			
29	610	Customer Surcharges	-	-	\$ -
30	611	Miscellaneous Service Revenues	(427,863)	1,174,647	\$ (1,602,510)
31	612	Rent from Water Property	163,323	128,704	\$ 34,619
32	613	Interdepartmental Rents	-	-	\$ -
33	614	Other Water Revenues	10,137,587	12,162,748	\$ (2,025,161)
34	615	Recycled Water Revenues			\$ -
35		Total Other Water Revenues	\$ 9,873,047	\$ 13,466,099	\$ (3,593,052)
36	501	Total operating revenues	\$ 281,175,889	\$ 265,144,318	\$ 16,031,571

SCHEDULE B-1a
Operating Revenues Apportioned to Cities and Towns

Line No.	Location (a)	Operating Revenues (b)
31	Operations not within incorporated cities ¹	
32	Los Angeles County	
33	Orange County	
34		
35	Operations within incorporated territory	
36	City or town of	
37	City or town of	
38	City or town of	
39	City or town of	
40	City or town of	
41		
42		
43		
44	Total	\$ -

¹ Should be segregated to operating districts.

SCHEDULE B-2

Account 502 - Operating Expenses - For Class A, B, and C Water Utilities

Respondent should use the group of accounts applicable to its class

Line No.	Acct.	Account (a)	Class			Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
			A	B	C			
1		I. SOURCE OF SUPPLY EXPENSE						
2		Operation						
3	701	Operation supervision and engineering	A	B		-	-	\$ -
4	701	Operation supervision, labor and expenses			C	-	-	\$ -
5	702	Operation labor and expenses	A	B		126,491	119,723	\$ 6,768
6	703	Miscellaneous expenses	A			1,227,089	1,741,181	\$ (514,092)
7	704	Purchased water	A	B	C	66,214,366	65,756,936	\$ 457,430
8		Maintenance						
9	706	Maintenance supervision and engineering	A	B		13,215	7,595	\$ 5,620
10	706	Maintenance of structures and facilities			C	-	-	\$ -
11	707	Maintenance of structures and improvements	A	B		-	-	\$ -
12	708	Maintenance of collect and impound reservoirs	A			12,862	19,902	\$ (7,040)
13	708	Maintenance of source of supply facilities		B		-	-	\$ -
14	709	Maintenance of lake, river and other intakes	A			2,893	(12,356)	\$ 15,249
15	710	Maintenance of springs and tunnels	A			-	-	\$ -
16	711	Maintenance of wells	A			7,224	9,341	\$ (2,117)
17	712	Maintenance of supply mains	A			-	-	\$ -
18	713	Maintenance of other source of supply plant	A	B		208,219	178,673	\$ 29,546
19		Total source of supply expense				\$ 67,812,359	\$ 67,820,995	\$ (8,636)
20		II. PUMPING EXPENSES						
21		Operation						
22	721	Operation supervision and engineering	A	B		102,620	98,448	\$ 4,172
23	721	Operation supervision labor and expense			C	-	-	\$ -
24	722	Power production labor and expenses	A			-	-	\$ -
25	722	Power production labor, expenses and fuel		B		-	-	\$ -
26	723	Fuel for power production	A			-	-	\$ -
27	724	Pumping labor and expenses	A	B		1,527,263	1,512,748	\$ 14,515
28	725	Miscellaneous expenses	A			401,099	492,822	\$ (91,723)
29	726	Fuel or power purchased for pumping	A	B	C	8,327,901	7,861,217	\$ 466,684
30		Maintenance						
31	729	Maintenance supervision and engineering	A	B		275,317	294,917	\$ (19,600)
32	729	Maintenance of structures and equipment			C	-	-	\$ -
33	730	Maintenance of structures and improvements	A	B		-	-	\$ -
34	731	Maintenance of power production equipment	A	B		5,143	(4,439)	\$ 9,582
35	732	Maintenance of power pumping equipment	A	B		-	-	\$ -
36	733	Maintenance of other pumping plant	A	B		868,755	543,569	\$ 325,186
37		Total pumping expenses				\$ 11,508,098	\$ 10,799,282	\$ 708,816

SCHEDULE B-2

Account 502 - Operating Expenses - For Class A, B, and C Water Utilities (Continued)

Respondent should use the group of accounts applicable to its class

Line No.	Acct.	Account (a)	Class			Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
			A	B	C			
38		III. WATER TREATMENT EXPENSES						
39		Operation						
40	741	Operation supervision and engineering	A	B		1,154	1,006	\$ 148
41	741	Operation supervision, labor and expenses			C	-	-	\$ -
42	742	Operation labor and expenses	A			2,737,555	2,486,345	\$ 251,210
43	743	Miscellaneous expenses	A	B		1,914,198	2,548,885	\$ (634,687)
44	744	Chemicals and filtering materials	A	B		1,130,027	1,028,064	\$ 101,963
45		Maintenance						
46	746	Maintenance supervision and engineering	A	B		155,334	93,940	\$ 61,394
47	746	Maintenance of structures and equipment			C	-	-	\$ -
48	747	Maintenance of structures and improvements	A	B		-	-	\$ -
49	748	Maintenance of water treatment equipment	A	B		716,583	846,844	\$ (130,261)
50		Total water treatment expenses				\$ 6,654,851	\$ 7,005,084	\$ (350,233)
51		IV. TRANS. AND DIST. EXPENSES						
52		Operation						
53	751	Operation supervision and engineering	A	B		1,321,930	1,528,152	\$ (206,222)
54	751	Operation supervision, labor and expenses			C	-	-	\$ -
55	752	Storage facilities expenses	A			29,386	28,766	\$ 620
56	752	Operation labor and expenses		B		-	-	\$ -
57	753	Transmission and distribution lines expenses	A			4,934	5,713	\$ (779)
58	754	Meter expenses	A			57,908	64,634	\$ (6,726)
59	755	Customer installations expenses	A			104,308	154,467	\$ (50,159)
60	756	Miscellaneous expenses	A			2,260,305	2,540,507	\$ (280,202)
61		Maintenance						
62	758	Maintenance supervision and engineering	A	B		111,204	93,257	\$ 17,947
63	758	Maintenance of structures and plant			C	-	-	\$ -
64	759	Maintenance of structures and improvements	A	B		-	-	\$ -
65	760	Maintenance of reservoirs and tanks	A	B		19,930	9,783	\$ 10,147
66	761	Maintenance of trans. and distribution mains	A			983,484	1,159,814	\$ (176,330)
67	761	Maintenance of mains		B		-	-	\$ -
68	762	Maintenance of fire mains	A			-	-	\$ -
69	763	Maintenance of services	A			1,197,119	860,407	\$ 336,712
70	763	Maintenance of other trans. and distribution plant		B		-	-	\$ -
71	764	Maintenance of meters	A			136,172	101,388	\$ 34,784
72	765	Maintenance of hydrants	A			145,767	173,822	\$ (28,055)
73	766	Maintenance of miscellaneous plant	A			6,809,145	6,017,386	\$ 791,759
74		Total transmission and distribution expenses				\$ 13,181,592	\$ 12,738,096	\$ 443,496

SCHEDULE B-2
Account 502 - Operating Expenses - For Class A, B, and C Water Utilities (Continued)

Respondent should use the group of accounts applicable to its class

Line No.	Acct.	Account (a)	Class			Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
			A	B	C			
75		V. CUSTOMER ACCOUNT EXPENSES						
76		Operation						
77	771	Supervision	A	B		118,248	91,598	\$ 26,650
78	771	Superv., meter read., other customer acct expenses			C	-	-	\$ -
79	772	Meter reading expenses	A	B		1,064,992	937,357	\$ 127,635
80	773	Customer records and collection expenses	A			932,489	1,003,193	\$ (70,704)
81	773	Customer records and accounts expenses		B		-	-	\$ -
82	774	Miscellaneous customer accounts expenses	A			110,467	399,346	\$ (288,879)
83	775	Uncollectible accounts ¹	A	B	C	2,380,026	1,384,924	\$ 995,102
84		Total customer account expenses				\$ 4,606,222	\$ 3,816,418	\$ 789,804
85		VI. SALES EXPENSES						
86		Operation						
87	781	Supervision	A	B		-	-	\$ -
88	781	Sales expenses			C	-	-	\$ -
89	782	Demonstrating selling expenses	A			-	-	\$ -
90	783	Advertising expenses	A			-	-	\$ -
91	784	Miscellaneous, jobbing and contract work	A			-	-	\$ -
92	785	Merchandising, jobbing and contract work	A			-	-	\$ -
93		Total sales expenses				\$ -	\$ -	\$ -
94		VII. RECYCLED WATER EXPENSES						
95		Operation and Maintenance						
96	786	Recycled water operation and maint. expenses				-	-	\$ -
97		Total recycled water expenses				\$ -	\$ -	\$ -
98		VIII. ADMIN. AND GENERAL EXPENSES						
99		Operation						
100	791	Administrative and general salaries	A	B	C	6,754,687	6,188,717	\$ 565,970
101	792	Office supplies and other expenses	A	B	C	105,250	97,114	\$ 8,136
102	793	Property insurance	A			5,336	19,203	\$ (13,867)
103	793	Property insurance, injuries and damages		B	C	-	-	\$ -
104	794	Injuries and damages	A			327,181	458,578	\$ (131,397)
105	795	Employees' pensions and benefits	A	B	C	5,373,914	5,446,597	\$ (72,683)
106	796	Franchise requirements	A	B	C	-	-	\$ -
107	797	Regulatory commission expenses	A	B	C	12,636	-	\$ 12,636
108	798	Outside services employed	A			574,951	358,501	\$ 216,450
109	798	Miscellaneous other general expenses		B		-	-	\$ -
110	798	Miscellaneous other general operation expenses			C	-	-	\$ -
111	799	Miscellaneous general expenses	A			7,556,480	6,708,469	\$ 848,011
112		Maintenance						
113	805	Maintenance of general plant	A	B	C	177,242	150,788	\$ 26,454
114		Total administrative and general expenses				\$ 20,887,677	\$ 19,427,967	\$ 1,459,710
115		XI. MISCELLANEOUS						
116	810	Customer surcredits				-	-	\$ -
117	811	Rents	A	B	C	1,396,306	1,500,189	\$ (103,883)
118	812	Administrative expenses transferred - Cr ¹	A	B	C	29,617,927	28,442,349	\$ 1,175,578
119	813	Duplicate charges - Cr. CA-AM Corp Allocated Return on Rate Base ¹	A	B	C	2,447,681	3,092,353	\$ (644,672)
120		Total miscellaneous				\$ 33,461,914	\$ 33,034,891	\$ 427,023
121		Total operating expenses				\$ 158,112,713	\$ 154,642,733	\$ 3,469,980

¹ Amounts reflect allocated expenses consistent with methodology employed in the authorized GRC revenue requirement.

SCHEDULE B-3
Account 506 - Property Losses Chargeable to Operations

Line No.	Description (a)	Amount
1	Gains/Losses Utility Property Sales	193,266
2		
3		
4		
5		
6		
7		
8	Total	\$ 193,266

SCHEDULE B-4
Account 507 - Taxes Charged During Year

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.
3. The accounts to which taxes charged were distributed should be shown in columns (c) to (f). Show both the utility department and number of account charged except for taxes capitalized.
4. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.
5. The total taxes charged as shown in column (b) should agree with the amounts shown by column (d) of schedule entitled "Accrued and Prepaid Taxes," page 39.
6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (a)	Total Taxes Charged During Year (b)	DISTRIBUTION OF TAXES CHARGED (Show utility department where applicable and account charged)			
			Water (Account 507) (c)	Nonutility (Account 521) (d)	Other (Account -----) (e)	Capitalized (Omit Account) (f)
1	Federal corporate income taxes	\$ 10,334,796	10,334,796			
2	California corporate franchise taxes	\$ -				
3	Property taxes	\$ 7,801,441	7,801,441			
4	Other taxes	\$ -				
5	State income taxes	\$ 1,728,031	1,728,031			
6	Other state and local taxes	\$ 542,808	103,199		439,609	
7	State unemployment taxes	\$ 93,646	71,498			22,148
8	Federal unemployment insurance	\$ 15,260	11,825			3,435
9	Fed. Ins. Contr. Act. (old age retire)	\$ 2,519,507	1,824,519			694,988
10	Licenses	\$ 90,562	90,562			
11	Federal deferred and ITC	\$ (2,032,430)	(2,032,430)			
12	State deferred	\$ 3,360,739	3,360,739			
13		\$ -				
14	Total	\$ 24,454,360	\$ 23,294,180	\$ -	\$ 439,609	\$ 720,571

SCHEDULE B-5

Reconciliation of Reported Net Income With Taxable Income for Federal Taxes

1. Report hereunder a reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computation of such tax accruals. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount.

2. If the utility is a member of a group which files a consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating, however, inter-company amounts to be eliminated in such consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.

3. Show taxable year if other than calendar year from-----to-----.

Line No.	Particulars (a)	Amount (b)
1	Net income for the year per Schedule B, page 15	50,807,557
2	Reconciling amounts (list first additional income and unallowable deductions, followed by additional	
3	deductions for non-taxable income):	
4		
5		
6	Federal Tax Return not yet Completed - See Addendum Reference Schedule B-5	
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30	Federal tax net income	\$ 50,807,557
31	Computation of tax:	
32	Calculated Tax	
33		
34		
35	Tax per return	

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule B-5
Reconciliation of Reported Net Income With Taxable Income for Federal Taxes

7004
 Form
 (Rev. December 2018)
 Department of the Treasury
 Internal Revenue Service

**Application for Automatic Extension of Time To File Certain
 Business Income Tax, Information, and Other Returns**

▶ File a separate application for each return.
 ▶ Go to www.irs.gov/Form7004 for instructions and the latest information.

OMB No. 1545-0233

Name	Identifying number
Print or Type American Water Works Company, Inc. & Subs Number, street, and room or suite no. (if P.O. box, see instructions.) PO Box 2738, Attn: Tax Dept. City, town, state, and ZIP code (if a foreign address, enter city, province or state, and country (follow the country's practice for entering postal code). Camden, NJ 08101-2738	51-0063696

Note: File request for extension by the due date of the return. See instructions before completing this form.

Part I Automatic Extension for Certain Business Income Tax, Information, and Other Returns. See instructions.

1 Enter the form code for the return listed below that this application is for **1 2**

Application Is For	Form Code	Application Is For	Form Code
Form 706-GS(D)	01	Form 1120-ND (section 4951 taxes)	20
Form 706-GS(T)	02	Form 1120-PC	21
Form 1041 (bankruptcy estate only)	03	Form 1120-POL	22
Form 1041 (estate other than a bankruptcy estate)	04	Form 1120-REIT	23
Form 1041 (trust)	05	Form 1120-RIC	24
Form 1041-N	06	Form 1120S	25
Form 1041-QFT	07	Form 1120-SF	26
Form 1042	08	Form 3520-A	27
Form 1085	09	Form 8612	28
Form 1088	11	Form 8613	29
Form 1120	12	Form 8725	30
Form 1120-C	34	Form 8804	31
Form 1120-F	15	Form 8831	32
Form 1120-FSC	16	Form 8878	33
Form 1120-H	17	Form 8924	35
Form 1120-L	18	Form 8928	36
Form 1120-ND	19		

Part II All Filers Must Complete This Part

2 If the organization is a foreign corporation that does not have an office or place of business in the United States, check here.

3 If the organization is a corporation and is the common parent of a group that intends to file a consolidated return, check here.
 If checked, attach a statement listing the name, address, and employer identification number (EIN) for each member covered by this application. See **Statement 1**

4 If the organization is a corporation or partnership that qualifies under Regulations section 1.6081-5, check here . . .

5a The application is for calendar year 20 22, or tax year beginning _____, 20____, and ending _____, 20____

b Short tax year. If this tax year is less than 12 months, check the reason: Initial return Final return
 Change in accounting period Consolidated return to be filed Other (See instructions - attach explanation)

6 Tentative total tax	6 61,061,352.
7 Total payments and credits. See instructions	7 121,464,184.
8 Balance due. Subtract line 7 from line 6. See instructions	8 NONE

For Privacy Act and Paperwork Reduction Act Notice, see separate instructions. Form **7004** (Rev. 12-2018)

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule B-5
Reconciliation of Reported Net Income With Taxable Income for Federal Taxes
COMPANIES TO BE INCLUDED IN THE CONSOLIDATED FEDERAL INCOME TAX RETURN
OF AMERICAN WATER WORKS COMPANY, INC. AND AFFILIATED SUBSIDIARIES

YEAR - 01/01/22-12/31/22

COMPANY	Employer EIN
American Industrial Water LLC	47-1730161
American Lake Water Company	06-1396121
American Water (USA) LLC	98-0165920
American Water Capital Corp	22-3732448
American Water Defense Services, LLC	84-1872466
American Water Enterprises Holding LLC	76-0605357
American Water Enterprises LLC	22-3169459
American Water Federal Services, LLC	84-1888611
American Water Military Services LLC	47-3136886
American Water Operations and Maintenance LLC	98-0165919
American Water Services CDM Inc.	91-1745331
American Water Real Property Holdings LLC	26-3196576
American Water Works Co Inc.	51-0063696
American Water Works Service Co Inc.	23-1340234
AW Insurance LLC	47-4426070
AW Insurance LLC-Series A	84-4171067
AW Insurance LLC - Series B	84-4174267
AW Insurance LLC - Series C	84-4174441
AW Technologies LLC	45-3808303
AWIP Holdings LLC	83-3607533
Bluefield Valley Water Works Company	66-6022466
California-American Water Company	51-0104148
Edison Water Company	22-3519296
Environmental Disposal Corporation	22-2391983
Environmental Management LLC	43-1205270
E'town Properties Inc.	22-2817018
E'Town Services LLC	42-1533685
Georgia-American Water Company LLC	84-1783027
Hawaii-American Water Company	99-0108667
Illinois-American Water Company	51-0105894
Indiana-American Water Company	35-0936102
Iowa-American Water Company	42-0735216
Kentucky-American Water Company	61-0485002
Laurel Oak Properties Corp	20-1022964
Liberty Water Company	22-3596293
Maryland-American Water Company	52-0265025
Michigan-American Water Company	38-1657784
Missouri-American Water Company	44-0578460
Mt. Ebo Sewage Works Inc.	13-3223856
New Jersey-American Water Company	22-1546642
New York-American Water Company	11-1516966
One Water Street LLC	81-4501058
Pennsylvania-American Water Company	25-1008096
Tennessee-American Water Company	62-0529095
TWH LLC	52-1723310
TWNA Inc.	06-1548192
Virginia-American Water Company	54-0119650
West Virginia-American Water Company	55-0307487

Mailing Address:
PO Box 2738, Attn: Tax Dept.
Camden, NJ 08101-2738

SCHEDULE B-6
Account 508 - Income from Utility Plant Leased to Others

Line No.	Acct.	Description of Items (a)	Amount (b)
1	508-1	Revenues from Plant Leased to Others None	
2	508-2	Expenses of Plant Leased to Others None	
3			
4			
5		Total	\$ -

SCHEDULE B-7
Account 510 - Rent for Lease of Utility Plant

Line No.	Description of Items (a)	Amount (b)
1	None	
2		
3		
4		
5	Total	\$ -

SCHEDULE B-8
Account 521 - Income from Nonutility Operations

Line No.	Description (a)	Revenue (b)	Expenses (c)	Net Income (d)
1	Income from Nonutility Operations	-	-	\$ -
2				\$ -
3				\$ -
4				\$ -
5	Totals	\$ -	\$ -	\$ -

SCHEDULE B-9		
Account 522 - Revenues from Lease of Other Physical Property		
Line No.	Description of Items (a)	Amount (b)
1	Various Revenue	147,753
2		
3		
4		
5	Total	\$ 147,753

SCHEDULE B-10		
Account 523 - Dividend Revenues		
Line No.	Description of Items (a)	Amount (b)
1	None	
2		
3		
4		
5	Total	\$ -

SCHEDULE B-11		
Account 524 - Interest Revenues		
Line No.	Description of Items (a)	Amount (b)
1	Interest Income	313,776
2	Interest Income - STD Intercompany	
3		
4		
5	Total	\$ 313,776

SCHEDULE B-12		
Account 525 - Revenues from Sinking and Other Funds		
Line No.	Description of Items (a)	Amount (b)
1	None	
2		
3		
4		
5	Total	\$ -

SCHEDULE B-13
Account 526 - Miscellaneous Nonoperating Revenues

Line No.	Description (a)	Amount (b)
1	M & J Revenues	193,879
2		
3		
4		
5		
6		
7		
8	Total	\$ 193,879

SCHEDULE B-14
Account 527 - Nonoperating Revenue Deductions

Line No.	Description (a)	Amount (b)
1	M & J Expenses	218,023
2		
3		
4		
5	Total	\$ 218,023

SCHEDULE B-15
Account 530 - Interest on Long-Term Debt

Line No.	Description of Items (a)	Amount (b)
1	Interest on Outside Debt	2,086,005
2	Interest on Inside Debt	14,841,263
3	Amortization of Discount on Debt	56,113
4	Amortization of Early Debt Retirement Loss	77,886
5	Total	\$ 17,061,267

SCHEDULE B-16
Account 531 - Amortization of Debt Discount and Expense

Line No.	Description of Items (a)	Amount (b)
1	Amortization of Debt Discount & Expense	677,308
2	Amortization of Revolving Credit Line Fees	84,256
3		
4		
5	Total	\$ 761,564

SCHEDULE B-17 Account 532 - Amortization of Premium on Debt - Cr.		
Line No.	Description of Items (a)	Amount (b)
1	None	
2		
3		
4		
5	Total	\$ -

SCHEDULE B-18 Account 533 - Taxes Assumed on Interest		
Line No.	Description of Items (a)	Amount (b)
1	None	
2		
3		
4		
5	Total	\$ -

SCHEDULE B-19 Account 534 - Interest on Debt to Affiliated Companies		
Line No.	Description of Items (a)	Amount (b)
1	Interest Short Term Debt Intercompany	1,051,149
2		
3		
4		
5	Total	\$ 1,051,149

SCHEDULE B-20 Account 535 - Other Interest Charges		
Line No.	Description (a)	Amount (b)
1	Various Interest Charges	2,127
2		
3		
4		
5	Total	\$ 2,127

SCHEDULE B-21		
Account 536 - Interest Charged to Construction - Cr.		
Line No.	Description of Items (a)	Amount (b)
1	AFUDC - Equity	(3,203,110)
2	AFUDC - Debt	(1,308,051)
3		
4		
5	Total	\$ (4,511,161)

SCHEDULE B-22		
Account 537 - Miscellaneous Amortization		
Line No.	Description of Items (a)	Amount (b)
1	None	
2		
3		
4		
5	Total	\$ -

SCHEDULE B-23		
Account 538 - Miscellaneous Income Deductions		
Line No.	Description (a)	Amount (b)
1	Various Miscellaneous Income Deductions	1,718,694
2		
3		
4		
5	Total	\$ 1,718,694

SCHEDULE B-24		
Account 540 - Miscellaneous Reservations of Net Income		
Line No.	Description of Items (a)	Amount (b)
1	None	
2		
3		
4		
5	Total	\$ -

SCHEDULE C-1

Engineering and Management Fees and Expenses, etc., During Year

Line No.	Give the required particulars of all contracts or other agreements in effect in the course of the year between the respondent and any corporation, association, partnership or person covering supervision and/or management of any department of the respondents affairs such as accounting, engineering, financing, construction or operation, and show the payments under such agreements and also the payments for advice and services to a corporation or corporations which directly or indirectly control respondent through stock ownership	
1	Did the respondent have a contract or other agreement with any organization or person covering supervision and/or management of its own affairs during the year? Answer: Yes <u> X </u> No <u> </u>	
2	Name of each organization or person that was a party to such a contract or agreement American Water Works Service Company, Inc.	
3	Date of original contract or agreement.	<u> January 1, 1971 </u>
4	Date of each supplement or agreement.	<u> January 1, 1989 </u>
	Note: File with the report a copy of every contract, agreement, supplement or amendment mentioned above unless a copy of the instrument in due form has been furnished in which case a definite reference to the report of the respondent relative to which it was furnished will suffice.	
5	Amount of compensation paid during the year for supervision or management:	<u> Not Applicable </u>
6	To whom paid:	<u> Not Applicable </u>
7	Nature of payment (salary, traveling expenses, etc.):	<u> Not Applicable </u>
8	Amounts paid for each class of service:	\$ <u> Not Applicable </u>
9	Base for determination of such amounts	<u> Not Applicable </u>
10	Distribution of payments:	
	(a) Charged to operating expenses	\$ <u> 14,699,652 </u>
	(b) Charged to capital accounts	\$ <u> 6,163,860 </u>
	(c) Charged to other accounts	\$ <u> </u>
	Total	\$ <u> 20,863,512 </u>
11	Distribution of charges to operating expenses by primary accounts.	
	Number and Title of Account	
	<u> Account 798 Outside Services </u>	<u> 14,699,652 </u>
	<hr/>	
	Total	<u> \$14,699,652 </u>
12	What relationship, if any, exists between respondent and supervisory and/or managing concerns? American Water Works Service Company, Inc. provides operational functions for all American Water Works subsidiaries, including California American Water	
	<hr/>	
	<hr/>	

SCHEDULE C-2

Compensation of Individual Proprietor or Partner

Do operating expenses include any charge for owner's compensation in the form of salary or wages, rental allowances, or for the use of a private automobile? (If the word "none" truly states the fact it should be given as the answer to this inquiry.)

Line No.	Nature of Allowance (a)	Account Charged (b)	Amount (c)
1	N/A		
2			
3			
4			
5			
6		Total	\$ -

SCHEDULE C-3

Employees and Their Compensation

(Charged to Account 502 - Operating Expenses - Schedule B-2)

Line No.	Classification (a)	Number at End of Year (b)	Total Salaries and Wages Paid During Year (c)
1	Employees - Source of supply		170,466
2	Employees - Pumping		1,908,555
3	Employees - Water treatment		2,901,672
4	Employees - Transmission and distribution		4,033,885
5	Employees - Customer account		2,177,384
6	Employees - Sales		
7	Employees - Administrative		15,669,168
8	General officers		
9	General office		
10	Total	-	\$ 26,861,130

SCHEDULE C-4

Record of Accidents During Year

Line No.	Date of Accident (a)	TO PERSONS					TO PROPERTY			
		Employees on Duty		Public ¹		Total Number (f)	Company		Other	
		Killed (b)	Injured (c)	Killed (d)	Injured (e)		Number (g)	Amount (h)	Number (i)	Amount (j)
1	2022		14			14			52	1,177,303
2						-				
3						-				
4	Total	-	14	-	-	14	-	\$ -	52	\$ 1,177,303

¹ Accidents to employees not on duty should be included in "Public" accidents

**SCHEDULE C-5
Expenditures for Political Purposes**

Hereunder report all direct or indirect expenditures incurred or made to elect or defeat a candidate for public office; or to place any measure on the ballot; at any election, or to keep it from being placed on the ballot at any election, or to support or defeat any measure on the ballot; at an election, or to support or defeat any proposed legislation, also name the account or accounts to which the expenditures herein mentioned have been charged. (If the word "none" truly states the fact, it should be given as the answer to this inquiry.)

1	Expenses for Political Purposes	21,700
2		
3		
4		
5		
6	Total	\$ 21,700

**SCHEDULE C-6
Loans to Directors, or Officers, or Shareholders**

Show hereunder the amount of loans to directors, or officers, or shareholders and the terms and conditions of such loans. Among other things, show the name of each director, or officer, or shareholder, receiving a loan or loans, the amount of each loan, the rate of interest payable on such loan or loans, the maturity date of each loan or loans, the security given and the date when the shareholders authorized each loan. If such authorization was given. (If the word "none" truly states the fact, it should be given as the answer to this inquiry.)

1	None	
2		
3		
4		
5		
6	Total	\$ -

**SCHEDULE C-7
Bonuses Paid to Executives & Officers**

Show hereunder the amount of bonuses paid to Executives and Officers, both cash and non-cash. List by the name of each Executive or Officer receiving the bonus, the dollar value of that bonus, and a description of the bonus if it is non-cash.

1	Kevin Tilden	\$ 116,730
2	Jeffrey Dana	60,510
3	Garry Hofer	93,580
4	Ian Crooks	68,193
5	Kimberly Castillo	41,241
6	Sarah Leeper	123,804
7	Alyssa Aiko Yamakawa	56,724
8	Jeffrey Linam	69,430
9	Thomas Brunet	44,855
10	Kent Hodgkinson	53,080
11	Evan Jacobs	57,425
12	Edward A. Simon II	56,938
13	Stacey Fulter	28,309
14	Kathryn Horning	66,666
15	Stephen Wesley Owens	60,091
16	Total	\$ 997,576

**SCHEDULE D-1
Sources of Supply and Water Developed**

STREAMS				FLOW IN(unit) ²				Annual Quantities Diverted(Unit) ²	Remarks
Line No.	Diverted into*	From Stream or Creek (Name)	Location of Diversion Point	Priority Right		Diversions			
				Claim	Capacity	Max.	Min.		
1									
2	See Addendum of District Reports - Reference Schedule D-1 by District								
3									
4									
5									
WELLS							Annual Quantities Pumped(Unit) ²	Remarks	
Line No.	At Plant (Name or Number)	Location	Number	Dimensions	¹ Depth to Water	Pumping Capacity(Unit) ²			
6									
7	See Addendum of District Reports - Reference Schedule D-1 by District								
8									
9									
10									
TUNNELS AND SPRINGS				FLOW IN(Unit) ²		Annual Quantities Used(Unit) ²	Remarks		
Line No.	Designation	Location	Number	Maximum	Minimum				
11									
12									
13	See Addendum of District Reports - Reference Schedule D-1 by District								
14									
15									
Purchased Water for Resale									
16	Purchased from See Addendum of District Reports - Reference Schedule D-1 by District								
17	Annual quantities purchased				9,529,518 (Unit chosen) ²		1,000 gallons		
18									
19									

* State ditch, pipe line, reservoir, etc., with name, if any.
¹ Average depth to water surface below ground surface.
² The quantity unit in established use for expressing water stored and used in large amounts is the acre foot, which equals 42,560 cubic feet: in domestic use the thousand gallon or the hundred cubic feet. The rate of flow or discharge in larger amounts is expressed in cubic feet per second, in gallons per minute, in gallons per day, or in the miner's inch. Please be careful to state the unit used.

**SCHEDULE D-2
Description of Storage Facilities**

Line No.	Type	Number	Combined Capacity (Gallons or Acre Feet)	Remarks
1	A. Collecting reservoirs			
2	Concrete	-	-	
3	Earth	1	543,780,149	Gallons
4	Wood	-	-	
5	B. Distribution reservoirs			
6	Concrete	24	41,250,000	Gallons
7	Earth	3	3,440,500	Gallons
8	Wood	-	-	
9	C. Tanks			
10	Wood (Monterey- ploy plastic, S	3	30,000	Gallons
11	Metal	167	79,018,107	Gallons
12	Concrete	15	5,131,350	Gallons
13	Total	213	672,650,106	

SCHEDULE D-3

Description of Transmission and Distribution Facilities

A. LENGTH OF DITCHES, FLUMES AND LINED CONDUITS IN MILES FOR VARIOUS CAPACITIES
Capacities in Cubic Feet Per Second or Miner's Inches (State Which) **Not Applicable**

Line No.		0 to 5	6 to 10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 75	76 to 100
1	Ditch	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Flume	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Lined conduit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4									
5	Total	-	-	-	-	-	-	-	-

A. LENGTH OF DITCHES, FLUMES AND LINED CONDUITS IN MILES FOR VARIOUS CAPACITIES - Continued
Capacities in Cubic Feet Per Second or Miner's Inches (State Which) **Not Applicable**

Line No.		101 to 200	201 to 300	301 to 400	401 to 500	501 to 750	751 to 1000	Over 1000	Total All Lengths
6	Ditch	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-
7	Flume	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-
8	Lined conduit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-
9									
10	Total	-	-	-	-	-	-	-	-

B. FOOTAGES OF PIPE BY INSIDE DIAMETERS IN INCHES - NOT INCLUDING SERVICE PIPING

Line No.		1	1 1/2	2	2 1/2	3	4	5	6	8
11	Cast Iron	187	214	17,574	176	6,124	250,626	-	414,368	149,069
12	Cast Iron (cement lined)	178	-	26,363	-	103	169,072	-	264,371	91,049
13	Concrete	-	-	-	-	-	3,382	-	1,962	260
14	Copper	3,706	1,790	2,753	-	-	116	-	723	-
15	Riveted steel	1,004	827	19,737	-	8,715	234,441	1,161	338,450	218,798
16	Standard screw	-	-	-	-	-	-	-	-	-
17	Screw or welded casing	-	-	-	-	-	-	-	-	-
18	Cement - asbestos	548	1	9,762	-	1,840	365,685	2,139	2,291,044	2,160,659
19	Welded steel	-	-	-	-	-	-	-	-	-
20	Wood	-	-	-	-	-	-	-	-	-
21	Other - Galvanized	567	2,144	30,467	1,666	144	221	-	147	819
22	Other - PVC	4,995	5,063	63,810	5,896	8,565	112,892	-	439,442	2,035,199
23	Other - Ductile Iron	823	-	3,518	29	-	3,733	-	14,519	107,207
24	Other - PE	-	-	1,144	-	-	839	-	-	273
25	Other - Brass	1	-	229	9	-	-	-	15	-
26	Other - Unknown	2,392	1,710	19,744	4	12,903	68,337	1,321	85,001	133,486
27	Total	14,401	11,749	195,101	7,780	38,394	1,209,344	4,621	3,850,042	4,896,819

B. FOOTAGES OF PIPE BY INSIDE DIAMETERS IN INCHES - NOT INCLUDING SERVICE PIPING - Continued

Line No.		10	12	14	16	18	20	Other Sizes (Specify Sizes)			Total All Sizes
								22-24	30-36	unknown	
28	Cast Iron	31,537	76,478	1,261	17,720	-	993	-	-	37,079	1,003,406
29	Cast Iron (cement lined)	1,008	43,836	-	2,068	38,935	-	1,205	-	-	638,187
30	Concrete	-	-	-	-	-	-	-	-	-	5,604
31	Copper	-	-	-	-	-	-	-	-	-	9,088
32	Riveted steel	84,927	154,619	16,537	43,028	31,946	17,433	22,694	53,975	-	1,248,293
33	Standard screw	-	-	-	-	-	-	-	-	-	-
34	Screw or welded casing	-	-	-	-	-	-	-	-	-	-
35	Cement - asbestos	729,612	399,110	43,185	86,423	7,412	15,297	7,556	-	-	6,120,273
36	Welded steel	-	-	-	-	-	-	-	-	-	-
37	Wood	-	-	-	-	-	-	-	-	-	-
38	Other - Galvanized	37	635	-	-	-	-	-	-	-	36,847
39	Other - PVC	213,550	611,153	272	49,590	673	14,749	3,868	-	-	3,569,718
40	Other - Ductile Iron	17,375	133,961	5,778	154,469	9,749	91,036	75,193	88,660	-	706,050
41	Other - PE	-	-	-	-	-	-	-	-	-	2,256
42	Other - Brass	-	-	-	-	-	-	-	-	-	254
43	Other - Unknown	38,178	26,080	195	3,530	131	480	2,714	3,670	33,414	433,289
44	Total	1,116,224	1,445,872	67,228	356,828	88,846	139,988	113,230	146,305	70,493	13,773,265

SCHEDULE D-4				
Number of Active Service Connections				
Classification	Metered - Dec 31		Flat Rate - Dec 31	
	Prior Year	Current Year	Prior Year	Current Year
Residential	161,315	164,251	2,993	2,629
Commercial	17,239	17,315	-	-
Industrial	245	245	-	-
Public authorities	1,667	1,631	-	-
Irrigation	6	-	-	-
Other (Misc., Co. Acct., Resale, Golf Course)	133	144	-	-
Agriculture				
Subtotal	180,605	183,586	2,993	2,629
Private fire connections	-	-	3,382	3,151
Public fire hydrants	-	-	15,789	16,094
Total	180,605	183,586	22,164	21,874

SCHEDULE D-5		
Number of Meters and Services on Pipe Systems at End of Year		
Size	Meters	Active Service Connections
5/8 x 3/4 - in	147,688	-
3/4 - in	3,583	56,214
1 - in	25,656	114,408
1 1/2 - in	4,925	5,053
2 - in	5,891	10,468
3 - in	420	138
4 - in	258	1,000
6 - in	95	508
8 - in	39	160
10 - in	4	19
12 - in	1	5
Other	2	9,247
Total	188,562	197,220

SCHEDULE D-6	
Meter Testing Data	
A. Number of Meters Tested During Year as Prescribed in Section VI of General Order No. 103:	
1. New, after being received . . .	-
2. Used, before repair	1,309
3. Used, after repair	15
4. Found fast, requiring billing adjustment	-
B. Number of Meters in Service Since Last Test	
1. Ten years or less	116,430
2. More than 10, but less than 15 years	67,463
3. More than 15 years	23,909

SCHEDULE D-7

Water delivered to Metered Customers by Months and Years in 1,000 Gallons (Unit Chosen)¹

Classification of Service	During Current Year							
	January	February	March	April	May	June	July	Subtotal
Residential	894,579	983,812	1,075,264	1,177,386	1,239,198	1,423,292	1,476,025	8,269,556
Commercial	398,050	377,687	470,854	512,115	541,096	614,557	627,869	3,542,227
Industrial	64,048	41,032	71,270	40,312	67,740	54,000	38,844	377,246
Public authorities	41,658	63,509	101,620	119,987	154,044	198,510	234,361	913,689
Irrigation	-	-	-	-	-	-	-	-
Other (Fire, Misc., Resale, Co. Accts.)	4,311	(1,577)	1,577	2,154	3,016	2,809	3,714	16,003
Other (Monterey & Larkfield - See District Report)	67,907	65,167	81,068	96,477	97,405	107,175	120,359	635,558
Total	1,470,552	1,529,629	1,801,654	1,948,431	2,102,500	2,400,342	2,501,171	13,754,280

Classification of Service	During Current Year							Total Prior Year
	August	September	October	November	December	Subtotal	Total	
Residential	1,424,232	1,512,277	1,289,552	1,199,360	987,344	6,412,764	14,682,321	15,928,412
Commercial	630,792	680,314	594,866	507,972	432,743	2,846,686	6,388,913	6,640,856
Industrial	52,541	39,424	84,927	29,111	54,650	260,653	637,899	594,464
Public authorities	230,103	229,587	186,078	121,341	77,020	844,129	1,757,818	1,825,101
Irrigation	-	-	-	-	-	-	-	-
Other (Fire, Misc., Resale, Co. Accts.)	2,670	3,966	9,590	3,763	6,557	26,546	42,550	45,689
Other (Monterey & Larkfield- See District Report)	105,959	111,363	95,396	98,628	65,159	476,504	1,112,063	1,154,160
Total	2,446,297	2,576,930	2,260,408	1,960,175	1,623,473	10,867,283	24,621,563	26,188,682

¹ Quantity units to be in hundreds of cubic feet, thousands of gallons, acre-feet, or miner's inch-days.

Total acres irrigated _____ N/A Total population served _____ 624,908

SCHEDULE D-8
Status With State Board of Public Health

See Addendum of District Reports Reference Schedule D-8 by District and Attachments in the pdf filing of the CA-AM Consolidated Water Report

1. Has the State or Local Health Department reviewed the sanitary condition of your water system during the past year?
Answer: Yes _____ No _____
2. Are you having routine laboratory tests made of water served to your consumers?
Answer: Yes _____ No _____
3. Do you have a permit from the State Board of Public Health for operation of your water system?
Answer: Yes _____ No _____
4. Date of permit: _____
5. If permit is "temporary", what is the expiration date? _____
6. If you do not hold a permit, has an application been made for such permit?
Answer: Yes _____ No _____
7. If so, on what date? _____

SCHEDULE D-9
Statement of Material Financial Interest

Use this space to report the information required by Section 2 of General Order No. 104-A. If no material financial interest existed during the year or contemplated at the end of the year, such fact shall be so stated. If additional space is required, attach a supplementary statement with reference made thereto.

The Vanguard Group ("Vanguard") is a self-described investment adviser that reported to the U.S. Securities and Exchange Commission ("SEC") on May 10, 2017 that, as of April 28, 2017, it had acquired beneficial ownership (as defined under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and rules thereunder) of 10.06% of the common stock of American Water Works Company, Inc. ("American Water"), California-American Water Company's ("California American Water") parent company. California American Water notified the Commission of this event on May 12, 2017 and filed advice letter 1169-A on August 29, 2017. In the report, Vanguard certified that it did not acquire American Water stock for the purpose of or with the effect of changing or influencing control of American Water and Vanguard did not acquire such stock in connection with or as a participant in any transaction having that purpose or effect. California American Water received a limited and conditional exemption from the affiliate transaction rules in connection with Vanguard's ownership of the shares. On February 9, 2023, Vanguard reported that it beneficially owned 12.50% of the common stock as of December 31, 2022.

Blackrock, Inc. ("BlackRock") is a holding company that reported to the SEC on December 6, 2012 that, as of November 30, 2012, it had acquired beneficial ownership (as defined under the Exchange Act and rules thereunder) 10.53% of the common stock of American Water. In the report, BlackRock certified that it did not acquire or hold the stock for the purpose of or with the effect of changing or influencing the control of American Water and that BlackRock did not acquire such stock in connection with or as a participant in any transaction having that purpose or effect. Pursuant to the terms set forth in Advice Letter 990-B, California American Water received a limited and conditional exemption from the affiliate transaction rules in connection with BlackRock's ownership of the shares. While BlackRock may be covered under Section 2(a) of General Order 104-A, California American Water has no way of ascertaining the various interests owned by BlackRock that may deem it a person having a material financial interest in a transaction as defined by Section 2(b). BlackRock has no legal obligation to provide California American Water with information about companies in which BlackRock may be the beneficial owner of 10% or more of the voting power for purposes of determining whether such other companies have engaged in transactions with California American Water. Furthermore, there are no known direct transactions between California American Water and any entity in which California American Water knows that BlackRock has a material financial interest. On January 25, 2023, BlackRock reported that it beneficially owned less than 10% of American Water's common stock as of December 31, 2022.

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California

SCHEDULE D-8 Addendum
San Diego District
Status With State Board of Public Health San Diego District

1. Has the State or Local Health Department reviewed the sanitary condition of your water system during the past year?
Answer: Yes _____ No X

2. Are you having routine laboratory tests made of water served to your consumers?
Answer: Yes X No _____

3. Do you have a permit from the State Board of Public Health for operation of your water system?
Answer: Yes X No _____

4. Date of permit: 1/21/2021* Date reflects revised domestic water supply permit effective 1/21/2021 that supercedes the 6/2/1967 permit.

5. If permit is "temporary", what is the expiration date? NA

6. If you do not hold a permit, has an application been made for such permit?
Answer: Yes NA No NA

7. If so, on what date? NA

California - American Water Company
 Schedule Attached to and Made as Part of
 Annual Report to the Public Utilities Commission State of California

SCHEDULE D-8 Addendum
Monterey District
Status With State Board of Public Health

1. Has the State or Local Health Department reviewed the sanitary condition of your water system during the past year?

Answer:

Monterey Main System	Yes _____	No <u> X </u>	
Ryan Ranch System	Yes _____	No _____	consolidated into Monterey Main System
Bishop System	Yes _____	No _____	consolidated into Monterey Main System
Hidden Hills System	Yes _____	No <u> X </u>	
Toro System	Yes _____	No <u> X </u>	
Ambler System	Yes _____	No <u> X </u>	
Ralph Lane System	Yes <u> X </u>	No _____	
Chualar System	Yes _____	No <u> X </u>	
Garrapata System	Yes <u> X </u>	No _____	

2. Are you having routine laboratory tests made of water served to your consumers?

Answer:

Monterey Main System	Yes <u> X </u>	No _____	
Ryan Ranch System	Yes _____	No _____	consolidated into Monterey Main System
Bishop System	Yes _____	No _____	consolidated into Monterey Main System
Hidden Hills System	Yes <u> X </u>	No _____	
Toro System	Yes <u> X </u>	No _____	
Ambler System	Yes <u> X </u>	No _____	
Ralph Lane System	Yes <u> X </u>	No _____	
Chualar System	Yes <u> X </u>	No _____	
Garrapata System	Yes <u> X </u>	No _____	

3. Do you have a permit from the State Board of Public Health for operation of your water system?

Answer:

Monterey Main System	Yes <u> X </u>	No _____	
Ryan Ranch System	Yes _____	No _____	consolidated into Monterey Main System
Bishop System	Yes _____	No _____	consolidated into Monterey Main System
Hidden Hills System	Yes <u> X </u>	No _____	
Toro System	Yes <u> X </u>	No _____	
Ambler System	Yes <u> X </u>	No _____	
Ralph Lane System	Yes <u> X </u>	No _____	
Chualar System	Yes <u> X </u>	No _____	
Garrapata System	Yes <u> X </u>	No _____	

4. Date of permit:

Monterey Main System	<u> 4/25/2022 </u>	
Ryan Ranch System	_____	consolidated into Monterey Main System
Bishop System	_____	consolidated into Monterey Main System
Hidden Hills System	<u> 11/1/2001 </u>	
Toro System	<u> 5/2/2011 </u>	
Ambler System	<u> 6/30/2015 </u>	
Ralph Lane System	<u> 11/24/2003 </u>	
Chualar System	<u> 4/20/2004 </u>	
Garrapata System	<u> 12/1/2014 </u>	

5. If permit is "temporary", what is the expiration date?

 NA

6. If you do not hold a permit, has an application been made for such permit?

Answer: Yes NA No NA

7. If so, on what date?

 NA

California - American Water Company
 Schedule Attached to and Made as Part of
 Annual Report to the Public Utilities Commission State of California

SCHEDULE D-8 Addendum
Ventura District
Status With State Board of Public Health Ventura District

1. Has the State or Local Health Department reviewed the sanitary condition of your water system during the past year?

Answer:

Thousand Oaks/Newbury Park System	Yes _____	No <u> X </u>
Las Posas System	Yes _____	No <u> X </u>
Piru System	Yes _____	No <u> X </u>

2. Are you having routine laboratory tests made of water served to your consumers?

Answer:

Thousand Oaks/Newbury Park System	Yes <u> X </u>	No _____
Las Posas System	Yes <u> X </u>	No _____
Piru System	Yes <u> X </u>	No _____

3. Do you have a permit from the State Board of Public Health for operation of your water system?

Answer:

Thousand Oaks/Newbury Park System	Yes <u> X </u>	No _____
Las Posas System	Yes <u> X </u>	No _____
Piru System	Yes <u> X </u>	No _____

4. Date of permit:

Thousand Oaks/Newbury Park	<u>10/30/2000</u>
Las Posas	<u>10/30/2000</u>
Piru System	<u>11/15/2022</u>

5. If permit is "temporary", what is the expiration date?

NA

6. If you do not hold a permit, has an application been made for such permit?

Answer: Yes NA No NA

7. If so, on what date?

NA

SCHEDULE E-1
Balancing and Memorandum Accounts

Line No.	Description (a)	Authorized by Decision or Resolution No. (b)	Beginning of Year Balance (c)	Offset Revenues (d)	Offset Expenses (e)	Interest (f)	Surcharge (g)	Surcredit (h)	End of Year Balance (i)
1									\$ -
2	See Addendum Reference Schedule E-1								\$ -
3									\$ -
4									\$ -
5									\$ -
6									\$ -
7									\$ -
8									\$ -

Note 1: For Columns d, e, f, g, & h, provide those amounts booked in the current year.

Note 2: The detail for each individual account includes the Beginning of Year Balance, End of Year Balance, each Offset Expense adjustment during the year, each Offset Revenue adjustment during the year, each Surcharge adjustment during the year, each Surcredit adjustment during the year, and the decision or resolution number associated with each item of detail.

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule E-1
Balancing and Memorandum Accounts

Line No.	Description (a)	Authorized by Decision or Resolution No. (b)	Beginning of Year Balance ¹ (c)	Offset Revenues (d)	Offset Expenses (e)	Interest (f)	Surcharge (g)	Surcredit (h)	End of Year Balance ¹ (i)
1	Affiliate Transaction Rule IV.D.2 Memorandum Account	D.10-10-019	12,347	-	-	250	-	-	12,597
2	Catastrophic Event Memorandum Account	1181/1182, AL 1308, AL 1267, AL 1284	(15,925,300)	-	7,299,063	-	-	-	(8,626,237)
3	Cease and Desist Order Memorandum Account	Res W4824	(213,852)	-	(1,163,613)	(7,305)	-	-	(1,384,770)
4	Chromium-6 Memorandum Account - Sacramento	AL 1020 - A	(857,768)	-	-	(13,950)	(36,437)	-	(908,155)
5	Coastal Water Project Memorandum Account	D06-11-050	(11,536,046)	-	(638,888)	(226,093)	-	-	(12,401,027)
6	Conservation Surcharge Balancing Account - All Districts	D. 12-06-016	2,109,492	-	-	-	-	(520,127)	1,589,365
7	Consolidated Expense Balancing Account - All Districts	D12-06-016	(13,363,026)	-	(1,117,592)	(211,628)	5,507,213	(9,232)	(9,194,266)
8	Dunnigan Consulting Memorandum Account	AL 1101	(397,545)	-	12,500	(7,793)	-	-	(392,838)
10	Emergency Rationing Costs Incurred by CAW Memorandum Account	D.09-05-029	-	-	-	-	-	-	-
11	Endangered Species Act (ESA) Memorandum Account	D12-06-016	(477,443)	-	(151,138)	(11,919)	-	-	(640,500)
12	Garrapata Service Area SDW SRF Loan Repayment Balancing Account	D13-01-033	(19,481)	-	-	(1,035)	-	-	(20,516)
13	Group Insurance Balancing Account - All Districts	D18-12-021	(729,810)	-	929,941	(6,011)	-	-	194,120
14	Customer Assistance Program (CAP) Program Balancing Account - All Districts	D15-04-007	2,894,871	-	(783,670)	50,342	-	-	2,161,543
15	Meadowbrook CIAC Memorandum Account	D16-12-014	(259,484)	-	-	-	94,666	-	(164,818)
16	NOAA ESA Memorandum Account	AL 929	(1,109,319)	-	1,110,032	(713)	-	-	0
17	OPEB Balancing Account - All Districts	D12-06-016	2,243,150	-	246,744	48,796	-	-	2,538,690
18	Pension Balancing Account - All Districts	D12-06-016	75,830	-	(255,319)	(2,170)	-	-	(181,659)
19	Purchased Water, Purchased Power, & Pump Tax Balancing Account - Monterey WW	D12-06-016	65,028	-	116,310	3,219	-	-	184,558
20	San Clemente Dam Balancing Account	D12-06-040	(62,784,441)	-	-	(4,018,251)	6,245,448	-	(60,557,244)
21	School Lead Testing Memorandum Account	AL 1164-A	(1,144)	-	-	(25)	-	-	(1,169)

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule E-1
Balancing and Memorandum Accounts

Line No.	Description (a)	Authorized by Decision or Resolution No. (b)	Beginning of Year Balance ¹ (c)	Offset Revenues (d)	Offset Expenses (e)	Interest (f)	Surcharge (g)	Surcredit (h)	End of Year Balance ¹ (i)
22	Seaside Groundwater Basin Balancing Account	D12-06-016	217,456	-	(35,658)	3,895	-	-	185,693
23	Sustainable Groundwater Management Act Memorandum Account	D18-12-021	(861,369)	-	(314,111)	(16,348)	-	-	(1,191,827)
24	Water-Energy Nexus Program Memorandum Account	D15-09-023	(4,144)	-	-	(135)	-	-	(4,279)
25	West Placer Memorandum Account ²	D13-10-003	(5,761,100)	-	-	(6,216,967)	2,359,203	-	(9,618,864)
26	WRAM/MCBA - All Districts	D08-11-023	(21,648,656)	(15,983,513)	9,414,154	(186,481)	13,164,043	(1,673,391)	(16,913,844)
27	Credit Card Pilot Memo Account	D18-12-021	(969,720)	-	(432,310)	(26,158)	-	-	(1,428,188)
28	Rio Plaza Groundwater Memo Account	Res W-5202, AL 1250	(44,413)	-	-	-	44,413	-	-
29	Rio Plaza Transaction Memo Account	Res W-5202, AL 1250	(27,578)	-	4,562	-	-	-	(23,016)
30	MPWSP Phase 1 Project Cost Memo Account	AL 1220-A and AL 1401	(181,508,461)	-	(15,918,963)	(4,113,191)	-	-	(201,540,615)
31	MPSWP Operations and Maintenance Memo Account	AL 1220-A	-	-	-	-	-	-	-
32	Public Safety Shut-Off Memo Account	AL 1275	(262,373)	-	(250,821)	(9,083)	-	-	(522,278)
33	Hillview Grant Tax Balancing Account	W-5190	(106,074)	-	59,362	-	-	-	(46,713)
34	Hillview Tariffed Balancing Account	AL 121	0	-	(12,520)	-	-	-	(12,520)
35	Hillview Purchased Power Memorandum Account	AL 122	(66,988)	-	45,057	-	-	-	(21,930)
36	Hillview Water Testing Memorandum Account	AL 122	21,427	-	(1,233)	-	-	-	20,193
37	Hillview Water Treatment Balancing Account	AL 122	122,688	-	(70,175)	-	-	-	52,513
38	Chromium VI Balancing Account	AL 1277	33,388	-	-	-	-	(33,388)	(0)
39	Hillview SDWSRF Loan Repayment Balancing Accounts	AL 1299-A	(134,381)	-	-	(14)	-	-	(134,395)
40	Fruitridge SDWSRF Loan Repayment Balancing Accounts	D. 06-04-073 and D10-05-043	(344,616)	-	-	(30)	-	-	(344,646)
41	Special Facility Fees Memorandum Account	D15-04-07	1,549,746	-	(6,098,050)	3,519	-	5,076,553	531,768

California - American Water Company
Schedule Attached to and Made as Part of
Annual Report to the Public Utilities Commission State of California
Schedule E-1
Balancing and Memorandum Accounts

Line No.	Description (a)	Authorized by Decision or Resolution No. (b)	Beginning of Year Balance ¹ (c)	Offset Revenues (d)	Offset Expenses (e)	Interest (f)	Surcharge (g)	Surcredit (h)	End of Year Balance ¹ (i)
42	Two-Way Tax Memorandum account ³	D.18-12-021	37,065,000	-	(4,635,000)	-	-	-	32,430,000
43	TCP Litigation Proceeds Memorandum Account	D10-10-058	3,657,555	-	-	-	-	-	3,657,555
44	GRC Interim Rate True-Up Memorandum Account	D.21-11-018	(10,656,065)	(15,125,769)	-	-	5,504,330	-	(20,277,504)
45	Drought Memorandum Account	AL 1343	-	-	(386,578)	(6,224)	-	-	(392,802)
46	Water Contamination Litigation Expense Memorandum Account	D.21-11-018	-	-	-	-	-	-	-
47	Purchased Water, Purchased Power and Pump Tax Balancing Account	D.21-11-018	-	-	-	-	-	-	-
48	Central Basin Contamination Memorandum Account	AL 1338	-	-	-	-	-	-	-
49	Drinking Water Fees Memorandum Account	AL 1350	-	-	-	-	-	-	-
50	Memorandum Account for Environmental Compliance Issues for Acquisitions	AL 1136, 1165, 1244, 1279, 1299, 1344	-	-	-	-	-	-	-
51	Fruitridge Vista Transaction Memorandum Account	AL 1279	(310,177)	-	(106,674)	(7,813)	-	-	(424,664)
52	East Pasadena Transaction Memorandum Account	AL 1344	(108,234)	-	-	(7,013)	-	-	(115,247)
53	East Pasadena Purchased Power Balancing Account	AL 1347	4,691	-	(107,977)	(1,421)	-	-	(104,708)
54	East Pasadena Purchased Water Balancing Account	AL 1347	-	-	-	-	-	-	-
55	East Pasadena Pumping Assessment Cost Balancing Account	AL 1347	59,063	-	(235,796)	(2,015)	-	-	(178,748)
56	Warring Transaction Memo Account	AL 1383	-	-	(21,696)	(268)	-	-	(21,964)

Notes:

¹ Balances are reflected as Over / (Under) Collections

² Entries reflect updates identified in 2022 General Rate Case (A22-07-001) discovery process

³ Per Settlement adopted by D.21-11-018 CAW and Cal Advocates agree that the components of the TMA related to the excess ADIT pay back should continue.

Schedule E- 2
Description of Low-Income Rate Assistance Program(s)

For all low income rate assistance programs offered by water utility, provide detailed responses to the following items:

1. Brief description of each low-income rate assistance program provided, by district. This shall include but is not limited to the percent of discount, the dollar amount of discount, what rate is discounted (service charge, quantity, or total bill), qualifying income level, dollar rate increase to remaining customers to pay for this program.

All Districts:

All residential domestic's and wastewater's low income assistance customers (except for Monterey's service area) receive a 20% discount on the service charge and the first and second tiered rates. Monterey's low income customers receive a 30% discount on the service charge and on tiers 1 through 4. Income Guidelines are based on Energy's CARE Program Guidelines and program costs are funded through surcharge for all non low income customers.

2. Participation rate for Year 2022 (as a percent of total residential customers served per district).

	at 12/31/2022
San Diego	19.4%
Larkfield	9.1%
Los Angeles	20.0%
Monterey	9.3%
Sacramento	14.6%
Ventura	7.7%

3. Detail of balancing or memorandum account authorized to record expenses incurred and revenues collected for low income rate assistance program.

as of December 31, 2022						
Description (a)	Beginning of Year Balance (a)	Credit to Customers (b)	Charge to Customers (c)	Net CAP Program (d)	Interest (e)	End of Year Balance (f)
Customer Assistance Program B/A - San Diego	(685,597)	(568,852)	294,141	(274,710)	(17,650)	(977,957)
Customer Assistance Program B/A - Larkfield	111,055	(28,978)	37,037	8,059	2,405	121,519
Customer Assistance Program B/A - Los Angeles	145,466	(620,368)	405,485	(214,883)	470	(68,946)
Customer Assistance Program B/A - Monterey	845,329	(339,019)	(8,800)	(347,819)	12,914	510,425
Customer Assistance Program B/A - Sacramento	950,445	(1,119,417)	1,020,677	(98,740)	18,927	870,633
Customer Assistance Program B/A - Ventura	1,528,172	(185,977)	330,400	144,423	33,275	1,705,869
Customer Assistance Program B/A - All Districts	2,894,871	(2,862,610)	2,078,940	(783,670)	50,342	2,161,543

Above amounts represent amount not yet approved for recovery

*B/A: Balancing Account

Schedule E- 3
Description of Water Conservation Program(s)

For all water conservation programs offered by water utility, provide detailed responses to the following items:

See Attachments "Water Conservation Program 2022 Annual Summary Report" for Information by District

1. Brief description of each water conservation program provided, by district. This description shall include but not be limited to the type of program offered (such as provision of low-flow plumbing fixtures, leak detection, leak repair, written water conservation tips, or other similar programs to its customers) and length of time it was offered.

2. Discuss how each water conservation assistance program is funded, for example, through rates charged to all customers, rates charged to customer receiving water conservation assistance, shareholder contribution, community funding, government funding, or other funding method. Explain why this type of funding was used.

3. Cost of each program.

4. The degree of participation in each district by customer group.

Water Conservation Program

2022 Annual Summary Report

California American Water

San Diego County District

Ventura County District

Los Angeles County District

Monterey County District

Sacramento District

Larkfield District

Meadowbrook District

June 2023



CALIFORNIA
AMERICAN WATER

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Introduction

This report describes conservation efforts taken by California American Water Company (“California American Water” or “CAW”) in all its service areas, including: The San Diego County district, Ventura County district, Los Angeles County district, Monterey County district, Sacramento district, and Larkfield district.

The objectives of this report are:

- To provide a comprehensive, statewide report on California American Water’s conservation programs and activities during the year 2022.
- To provide estimated water savings associated with programs; and
- To document conservation program activity to the extent that is required in Schedule E-3 of the Annual California Public Utilities Commission (“CPUC”) Reports, and Larkfield, Sacramento, and Los Angeles County districts per D.10-06-038, and the general data elements requested by ORA and CPUC in A.10-07-007 and in I.07-01-022 per Decision D. 11-05-004, Conservation OII proceedings.

Regulatory Reporting Requirements

CPUC Annual Report

All districts are required to report on the following four program questions in Schedule E-3 of the CPUC Annual Report:

1. *Description.* Brief description of each water conservation program provided by district. This description shall include but not be limited to the type of program offered (such as provision of low flow plumbing fixtures, leak detection, leak repair, written water conservation tips, or other similar programs to its customers) and length of time it was offered.
2. *Funding.* Discuss how each water conservation assistance program is funded, for example, through rates charged to all customers, rates charged to customer receiving water conservation assistance, shareholder contribution, community funding, government funding, or other funding method. Explain why this type of funding was used.
3. *Cost.* Cost of each program.
4. *Participation.* The degree of participation in each district by customer group.

Conservation and Low-Income Data Tracking per D.11-05-004

Per D.11-05-004, California American Water is required to provide additional data on its water conservation and low-income programs. Data as required per Attachment 1 of D.11-05-004 is provided in this report. Data as required per Attachments 2 & 3 of D.11-05-004 is being provided separately to the CPUC as an Information Only Filing (provided as separate files with the CPUC report filing).

Summary

California American Water has been offering conservation and water efficiency programs to its customers since the early 2000s. Conservation and Efficiency Programs help secure long term water supply reliability, help with effective water demand management and peak water demand reduction, provide customer education on conservation and efficiency practices, and provide affordability by lowering customers' water bills.

California American Water's conservation and efficiency programs are also playing a critical role in the Company's response to California's "Making Water Conservation a CA Way of Life" regulation (Senate Bill SB 606 and Assembly Bill AB 1668) as well as other state regulations and polices pertaining to water efficiency, water loss management, and groundwater management including California's Senate Bill 555 and the Sustainable Groundwater Management Act.

SB 606 and AB 1668 establish guidelines for efficient water use and a framework for the implementation and oversight of the new standards, which have already been (Water Loss) or are being finalized in this year, 2023. The two bills strengthen the state's water resiliency in the face of future droughts with provisions that include establishing water use objectives and long-term standards for efficient water use that apply to urban retail water suppliers and are comprised of indoor and outdoor residential water use, commercial, industrial and institutional ("CII") use, irrigation with dedicated meters, water loss, and other uses.

Heavy winter rains in late 2022 and early 2023 and record snow fall brought much needed relief to water supplies after two years of California's worst drought that required California water agencies to activate mandatory conservation stages and implement one day or two day per week outdoor watering restriction in many areas. California American Water customers greatly responded to the calls for conservation and limited outdoor watering and achieved impressive water savings. Record participation on the Company's many offered webinars and conservation program offerings showed tremendous engagement from customers on drought mitigation and implementing permanent landscape changes incorporating a more water-wise and climate appropriate plant palette.

California American Water took many steps during the last 2013-2017 drought to assure the reliability of our water supplies and has worked closely with its customers to meet and exceed mandated conservation targets. Lessons learned from this previous drought have led to numerous changes and actions to increase the effectiveness of our outreach campaigns, conservation and efficiency programs and customer education about the efficient use of water, all with the primary goal of preparedness for future drought events.

California American Water also closely collaborates in its drought preparedness and drought response with its peers and professional groups in the industry. One such example was the successful hosting of the California Water Efficiency Partnership ("CalWEP") Spring Plenary in San Diego in March 2022. This event was sponsored and organized by California American Water's Conservation Team, it took place at the San Diego Water Conservation Garden in East San Diego with which California American Water partners for its school conservation education programs. The event had guest speakers including DWR and AWE and was attended live and online by over 150 water professionals.

California American Water's conservation initiatives also support parent company American Water's newly established Environment, Social and Governance (ESG) goals. Among them are a 15% company-wide water delivery reduction by 2035 (from a 2015 baseline), a 40% greenhouse gas emissions reduction by 2025 (from a 2007 baseline) and a 2030 increase in water system resiliency to respond to more extreme events (by increasing Utility Resilience Index average by 10% from a 2020 baseline).

Although this report is trying to capture conservation and efficiency program related expenses as accurately as possible, it is not intended as a financial document; some variances to the Company's general ledger are possible.

Table 1: 2022 Statewide Summary of Water Savings

Table 1. 2022 Statewide Summary of Water Savings		
District	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
San Diego	11.37	56.84
Ventura	36.91	256.27
Los Angeles	72.03	812.08
Monterey	43.66	339.56
Sacramento	156.41	869.52
Larkfield	5.34	41.17
Meadowbrook	3.95	42.07
Total	329.68	2,417.52

(Includes only trackable water saving measures)

San Diego County District

The programs funded through California American Water’s authorized conservation budget are shown below:

Table 2: San Diego Conservation Programs

Table 2. San Diego County District: Conservation Programs									
Name of measure, as listed in Decision or Settlement	Description of measure	Authorized budget 2022	# of units / activities	\$ per unit, activity, etc.	Total \$ spent	Estimated water savings per unit/year (AF)	Unit lifespan (years)	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Public Information Programs	Advertising, PSAs, Community Events	\$12,000	27	n/a	\$51,152	n/a	n/a	n/a	n/a
School Education Programs	School Education Program -Miss Smarty Plants	\$25,000	2172	n/a	\$22,500	n/a	n/a	n/a	n/a
Residential Water Audits	Residential audits (in-house and vendor)	\$5,000	25	Approx. \$325	\$10,840	0.0400	5	1.12	5.60
Low Flow Fixtures (see table 3)	Conservation Devices	\$5,000	1,650	varies	\$5,805	varies	5	6.66	33.31
Low Income Water/Energy Direct Install	RHA Toilet program	\$20,000	105	varies	\$52,462	0.0425	20	n/a	n/a
Turf Removal Rebate	Residential Turf Removal	\$20,000	3125	1.5	\$5,605	0.00013	5	1.0412	n/a
Landscape Upgrade Grant Program	Grant Program	\$5,000	0	n/a	\$-	0.66	5	n/a	n/a
CII Rebates	Commercial Rebates	\$3,333	4	varies	\$25,171	n/a	n/a	n/a	n/a
CII and Large Landscape Conservation (Audits)	CII & LL Audits School Grant	\$15,000	5	varies	\$23,104	0.6600	5	3.3	16.50
Partnerships/Research	New Framework Geospatial Analysis	\$3,943	0	n/a	\$-	n/a	n/a	n/a	n/a
Flume Rebate	Instant rebate for the Flume Device	\$-			\$9,850				
Memberships	CALWEP	\$-	n/a	n/a	\$1,402	n/a	n/a	n/a	n/a
Total		\$114,276			\$207,891			12.12	55.41

Public Information Program

The San Diego County District’s Public Information Program comprises of sponsoring community events, attending public meetings, promoting customer outreach campaigns, providing notifications through bill text messages and inserts, and expanding our social media presence and email communications. The overall objective of the Public Information Program is to promote water use efficiency and conservation programs to all our San Diego County District customers.

Community Webinars



Join us for a free online class, presented by Green Gardens Group via Zoom, to learn the fundamentals about drip irrigation and the new proper irrigation steps in maintaining a healthy landscape. Free class to you, but registration is required.

[CLICK HERE TO REGISTER](#)

DRIP IRRIGATION 101

TUESDAY, MAY 10, 8-9 P.M.

The class focuses on the following:

- Understanding soil moisture balance
- How components of a drip system affect the system
- Tips on problems with drip and how to avoid them
- Developing a successful maintenance program

HELP FOR SAVING THE TREES—NEW FREE CONSERVATION DEVICE



TREE WATERING RING

Provides a continuous irrigation system from two valves for even water distribution.

- Durable rings made from heavy duty PVC material
- Replaces existing mulch and soil
- Holds up to 15 gallons of water with no discharge of 4-6 hours for deep saturation of soil
- Reduces tree and shrub transplant shock and straight stems
- Low profile design is great for trees and shrubs

California American Water hosted multiple webinars through a partnership with Green Gardens Group. In 2022 they were presented with the Water Sense Award for Excellence in Water Sense Promotion and Outreach. They have provided many new learning opportunities for our customers. This year because of the level of drought CA was experiencing we offered 2 webinars per month. Some of the topics included: “Drought Resilient Lawn”, “Beautiful Gardens, even in drought”, “Coming up Roses”, “Protecting the Trees”, and many more. There were up to 500 customers registered for many of the classes.

As the drought in California progressed, we were looking for ways to assist customers in keeping their trees alive and in a healthy state. We came across these watering rings and offered them to our customers in San Diego. We had a very positive response from customers and gave all of them away in a matter of weeks.

Customer Outreach Mailers

Customers in the San Diego County District received 4 bill inserts, 44 customer emails, and 5 direct mailings were offered to reach out to customers in 2022. Our bill text messages, bill inserts, and customer emails included information on the water-use efficiency tips and programs, upcoming community events, and regional partner agency updates. Messaging also reminded customers of the permanent water use restrictions and State mandates. Working in conjunction with the External Affairs team, conservation outreach and education continues to be expanded online, and, on the company’s social media platforms.

Community Volunteer and Contributions

The San Diego County District’s Conservation Department is heavily involved in community volunteer and support opportunities. In 2022, we donated \$17,790 to a local- nonprofit in lieu of our yearly Operation Gobble. These nonprofits then purchased turkeys, and / or supplies for their Thanksgiving/ Holiday distributions. Throughout the year San Diego also raised donations for United Way, and Water for People. In addition to a cleanup day at the Imperial Beach Bikeway, collections for the San Diego Food Drive and collections of school supplies for the Center for Children.



WaterSmart Landscape Contest

This was our 5th year participating in the Watersmart Landscape Contest with San Diego County Water Authority and its member agencies. We received several entries from the customers in our service area. These landscapes are judged on overall attractiveness, efficient methods of irrigation, design, and appropriate plant selection & maintenance. These entries are collected and voted on by the conservation state team. This year’s winner participated in a Sustainable Landscape Rebate in 2020. After years of nurturing her yard, she was ready to enter the contest. The winner received a \$250 gift card and a yard sign to showcase their award.



2022 Water Smart Contest Winner

Community Outreach

Community Outreach this year has resumed. The San Diego District participated in the Imperial Beach National Night Out, Coronado Fire Station Open House and the Imperial Beach Fire Station Open House. A conservation booth was available at all the events, program flyers and conservation give aways were handed out to the community.



Imperial Beach National Night Out



Coronado Fire House



Imperial Beach Fire House

Hosted the Spring, CA Water Efficiency Partnership Plenary



San Diego District hosted the 2022 Spring Plenary for CA Water Efficiency Partnership. The Conservation Garden hosted the event, and we had a great state turnout. There were several speakers including Patrick Pilz, CA American Water; Sarah Foley, CA Water Efficiency Partnership; Ron Berke, Alliance for Water Efficiency; and Lisa Cuellar, CA Water Efficiency Partnership. Topics included Breaking Down and Preparing for new CII Landscape Water Use Efficiency Regulations.

2022 EPA Award Excellence in Education and Outreach

American Water earned an Excellence Award in Education and Outreach for promoting WaterSense labeled products with conservation education programs, giveaways, and rebates across our service areas. CA American Water also created a downloadable Water leak Detection Kit. During the Western drought, CA American Water hosted webinars and workshops. San Diego Representative Cristina Saldana attended the AWWA Conference to accept the award along with American Water employees.



The Public Information Program outreach and events are funded through conservation and operations budget. These expenses include educational materials, displays and informative giveaways, conservation related bill inserts and mailers, and special outreach letters to customers related to water conservation. Expenses for events and activities, such as event sponsorship, company booth fees, room fees, etc. are funded under the general operations budget under Community Relations.

School Education Program



Imperial Beach Preschool

Our partnership with The Conservation Garden is what drives our school education outreach. In 2022 we outreached to 14 schools and 2 libraries. The Conservation Garden reached 2,172 children and taught them about water, conservation and gardening. The feedback from these assemblies, and field trips are so positive. The teachers love how interactive and engaged the children are. The Conservation Garden has expanded to now have a bilingual Ms. Smart Plants, this will assist in reaching more children in our community.

Residential Water Audits



RESIDENTIAL AUDIT IN CORONADO, CA

California American Water’s San Diego County District processed 25 residential surveys that were conducted both by in-house conservation staff and outside contractors. The contracted-out surveys were conducted by WaterWise Consulting, Inc., or Blue Watchdog Conservation, Inc. All audits included a detailed assessment of the outdoor usage, an individualized water budget, recommended monthly irrigation schedule, as well as a comprehensive audit package with applicable water saving devices, (water and energy) and educational material. All audit data and information are collected and maintained in a database to allow for easy tracking of water saving opportunities and to obtain a saturation district profile for toilets and other water saving devices.

Residential Turf Rebate

San Diego customers are being offered a rebate to change their turf to a sustainable landscape. CA American Water is offering a rebate of \$1.50 per sq ft up to 750 sq ft per residential property. There was a total of 3,125 sq ft removed from our service area in 2022.



Join us on Tuesday, March 22, for a FREE conservation class presented by G3 Green Gardens Group, via Zoom to learn how to remove your lawn and create a gorgeous, watershed-wise garden.

[CLICK HERE TO REGISTER](#)

TURF REMOVAL & GARDEN TRANSFORMATION
TUESDAY, MARCH 22, 6:00-7:00 P.M.

Water Savings Instant Rebates

CA American Water Partnered with California Water Efficiency Partnership to offer 2 great water saving programs to our San Diego customers. Customers were eligible for 2 instant rebates when purchasing a Flume 2 Smart Home Water Monitor or a Rachio 3 Smart Sprinkler Controller. Both programs were advertised via email to customers and posted on our www.amwater.com website. Together we had over 115 customers participate in the program.



At California American Water, we want to help you save water and money. We are happy to remind our San Diego customers that rebates are available when you purchase a Rachio 3 Smart Sprinkler Controller or a Flume 2 Smart Home Water Monitor.

Don't wait – supplies are limited and the offers are only available for a limited time!

Commercial Rebates

San Diego commercial customers are being offered in-house rebates to increase water efficiency at their place of business or HOA. In 2022, we rebated \$25,171 for Weather Based Controller upgrades. This reduces over irrigation on the properties and increased water efficiency on the landscapes. We offer rebates on High Efficiency Clothes Washers, Plumbing Flow Control Valves, and other devices.

Residential Plumbing Retrofit

California American Water provides customers various water saving devices including showerheads, faucet aerators (kitchen and bathroom), toilet leak detection tablets, garden hose spray nozzles, soil probes, and educational pamphlets. In addition, we added in home leak detections kits and basic plumbing handbooks in English and Spanish.

The following devices were provided to customers in 2022:

Table 3: San Diego Plumbing Retrofit Devices

Table 3. San Diego County District: Residential Plumbing Retrofit- Detail							
Name of measure, as listed in Decision or Settlement	# of units distributed	\$ per unit, activity, etc.	Total \$ spent 2022	Estimated water savings per unit/year (AF)	Unit lifespan	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Showerheads	234	\$4.53		0.0115	5	2.69	13.46
Kitchen Faucet Aerators (1.5 gpm)	57	\$2.36		0.0168	5	0.96	4.78
Bathroom Faucet Aerators (1.0 gpm)	88	\$0.62		0.0280	5	2.46	12.32
Toilet Flappers	59	\$2.16		0.0047	5	0.28	1.39
Tank Banks	43	\$1.25		unknown	5	unknown	unknown
Leak Detection Tablets	391	\$0.15		0.0007	5	0.27	1.37
Hose Timers	80	\$9.05		unknown	5	unknown	unknown
Shower Timer	157	\$2.25		unknown	-	unknown	unknown
Hose Spray Nozzle	228	\$4.10		unknown	5	unknown	unknown
Soil Probe	101	\$2.56		unknown	5	unknown	unknown
Tree Rings	48	\$10.00		unknown	-	unknown	unknown
	1,486		\$ 5,805			6.66	33.31

CII & Large Landscape Audits

California American Water’s San Diego County District offers free CII and large landscape (“LL”) audits to non-residential customers. CII audits include a detailed onsite audit evaluating the facility, water use patterns, indoor water use, and summary of recommendations specific to the property. LL audits include a detailed outdoor audit and the creation of a site-specific water budget and irrigation schedule. California American Water has signed agreements with two different vendors that provide CII and LL survey services. The vendors are WaterWise Consulting, Inc and Blue Watchdog Conservation, Inc. In 2022, San Diego completed 4 CII audits and 1 LL Audit.



Coronado Golf Course

Direct Install for Low Income Customers



Low-income customers in San Diego were given the opportunity to get up to 2 free toilets installed in their homes. To qualify they had to agree to a home assessment, outdoor assessment, and meter check. 105 customers were surveyed. Many toilets were repaired, and 95 toilets were replaced to a low flow high efficiency toilet.

Ventura County District

The programs funded through California American Water’s authorized conservation budget are shown below:

Table 4: Ventura County Conservation Programs

Table 4. Ventura County District: Conservation Programs									
Name of measure, as listed in Decision or Settlement	Description of measure	Authorized budget 2022	# of units / activities	\$ per unit, activity, etc.	Total \$ spent	Estimated water savings per unit/year (AF)	Unit lifespan (years)	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Public Information programs	Advertising, PSAs, Classes and Webinars	\$23,333	38	n/a	\$61,184	n/a	n/a	n/a	n/a
School Education programs	National Theater For Children & The Living Wise Program	\$20,000	6 NTC Shows/ 1713 Attendees & 88 LWP participants	n/a	\$8,380	n/a	n/a	n/a	n/a
Residential Water Audits	Residential audits (in-house and vendor)	\$10,000	59	Approx. \$250	\$15,970	0.04	5	2.36	11.8
Residential Plumbing Retrofit (See Table 5)	Conservation devices	\$4,000	1,803	varies	\$7,623	varies	5	10.61	54.47
Residential Rebates	High Efficiency Clothes Washer	\$-	12	\$110	MWD	0.1075	10	1.29	12.9
Residential Rebates	Ultra Low Flow Toilets	\$-	76	\$65	MWD	0.0425	20	3.23	64.6
Residential Rebates	Outdoor rebates: irrigation controller, high efficiency nozzle and rain barrel/cistern	\$-	389	varies	MWD	n/a	n/a	n/a	n/a
Residential Rebates	Turf replacement	\$25,000	85322	\$1 from CAW	\$30,962	0.00013	10	11.09	110.92

Low Income Water/Energy Direct Install	Inter-Utility Resource Savings Program w/SemperEnergy & RHA low income Toilet Replacement program	\$26,667	199	varies	\$85,694	0.0425	20	8.46	169.15
Landscape Upgrade Grant Program	Public landscape retrofit	\$11,667	0	n/a	\$0	0.23324	10	0	0
CII and Large Landscape Conservation (Audits)	CII & LL Audits	\$16,667	3	varies	\$1,500	0.66	5	1.98	9.9
Non-residential Rebates	various	\$6,667	0	varies	0	0	5	0	0
Memberships	CALWEP	\$-	1	n/a	\$935	n/a	n/a	n/a	n/a
New Framework Geospatial Analysis	tools and software to establish water use standards.	\$5,398	n/a	varies	\$34,729	n/a	n/a	n/a	n/a
Total		\$149,399			\$247,061			36.91	256.27

Conservation Representative (Staffing)

In 2022, California American Water’s Ventura County district funded one full-time Conservation Representative position and one temporary Conservation Representative position. The representatives work with the administration in creating an innovative conservation program detailed for the specific needs of the district. They fulfill these needs by responding to customer inquiries, managing high bill complaints from the customers, reviewing meter data logs, conducting public outreach conservation virtual classes, conducting pilot studies and analyzing the data, researching innovative sources/devices for water conservation, distributing plumbing retrofit devices and tracking that equipment’s inventory, assisting customers with rebate applications, and reaching out to customers to publicize all the programs available to them. The year 2022 brought additional duties due to the water shortages the district faced caused by the severe drought. This increased the need for enforcement of our water shortage contingency plan’s restrictions. The representatives had to log, track, and send notifications of water waste to individual customers in an effort to educate and enforce the restrictions.

The conservation position was funded out of the District Operational Budget.

Public Information Program

Part of the Ventura County District’s Public Information Program is comprised of sponsoring community events and attending public meetings. We were able to sponsor and/or have conservation booths at several community events, and also gave individual drought presentations to clubs, HOA’s, and some of our larger water using commercial customers.

Due to the drought emergency and water shortages declared in the middle of the year, we created a higher percentage of customer information posts through our social media platforms, providing conservation tips, and how-to suggestions, as well as provided notifications through email, bill text messages, and bill inserts. Our goal this year was to continue with education through knowledge. The Ventura District hosted 11 live learning webinars in various water conservation topics. The overall objective of the Public Information Program is to promote water use efficiency and conservation programs to all our Ventura County District customers.

The Ventura County District's Conservation department is also heavily involved in community volunteer and support opportunities. In 2022 the Conservation Department through External Affairs contributed \$5,700 towards "Operation Gobble" providing turkeys and meals to families in need during the Thanksgiving/ Holiday season.

School Education Program



The Ventura County District in its partnership with the National Theatre for Children sponsors in-person performances of "Showdown at Dry Gulch" for the Fall/Spring 2022-2023 school year. The program provided an experience to K-5 elementary school students and their teachers through live, all-school assembly theater performances that engaged the students interactively to learn about water conservation, pollution prevention, and drought preparedness. The program also included print enabled, digital supplemental education materials, including student playbook, online games, and activities. Fall of 2022 marked the return to live, in-person events since the 2020 pandemic and the response was well received. The 2022-23 tour of California American Water's outreach program ran October 12-November 3, 2022, and March 9-16, 2023, and featured 6 all-school assembly performances reaching 4 schools and had a reported 1662 students and 51 teachers in attendance in the service area in Ventura County. The teachers were surveyed, and the

program received an overall educational value of 6.55 out of 7, which is highly consistent with past programming. When asked whether they would like to see the program in the future, 97% were in favor of seeing the event again. Some of the teacher's comments were:

"My kindergarteners loved the program. They remembered at least 4 ways they could save water. That is awesome!! --Julie Escudero, Kindergarten Teacher, Earths Magnet School, Newbury Park, CA

"I liked that we can keep reinforcing your message through the games. Thank you for meaningful and engaging performance." --Lori Brown, 4th Grade Teacher, Aspen Elementary School, Thousand Oaks, CA

In addition, AM Conservation Group partners with California American Water service area customers as well as Southern California Gas customers to present its Ventura Living Wise Program. The program is a school-based energy efficiency education program designed to generate immediate and long-term resource savings by bringing interactive, real-world education home to students and their families. Sixth grade students through virtual classroom discussion, hands-on and creative problem-solving activities, as well as at-home surveys, conservation kits, and monitoring of devices can realize actual measurable water and energy savings within their homes. In 2022, the program was able to reach 88 participants in the Ventura service area.

Residential Plumbing Retrofit

California American Water provides customers various water saving devices, efficiency measuring devices, and educational pamphlets, including showerheads, faucet aerators (kitchen and bathroom), toilet leak detection tablets, toilet flappers, garden hose spray nozzles and automatic hose shutoff timers, soil probes, drip gauges, and more. These devices and informative materials are designed to help residential customers upgrade their indoor water use fixtures, identify leaks, and improve outdoor water usage for car washing and irrigation. Due to severe drought restrictions in 2022

the addition of tree watering devices was added to our inventory of free devices to encourage our customers to keep their trees healthy in a more water conserving way. Drip irrigation starter kits were also added to all desirous customers for that first step of converting from high volume spray irrigation to low volume drip irrigation.

The following devices were purchased or provided to customers in 2022:

Table 5: Ventura Plumbing Retrofit Devices

Table 5. Ventura County District: Residential Plumbing Retrofit- Detail							
Name of measure, as listed in Decision or Settlement	# of units distributed	\$ per unit, activity, etc.	Total \$ spent 2022	Estimated water savings per unit/year (AF)	Unit lifespan	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Showerheads	485	\$4.53		0.0115	5	5.58	27.89
Bathroom Faucet Aerators	75	\$0.54		0.02795	5	2.10	10.48
Kitchen Faucet Aerators	45	\$2.05		0.01677	5	0.75	3.77
Toilet Flappers	52	\$1.88		0.0047	5	0.24	1.22
Tank banks	38	\$1.25		0.0425	5	1.62	8.08
Drip Gauge	26	\$0.28		unknown	5	Unknown	unknown
Leak Detection tablets	403	\$0.14		0.0007	5	0.28	1.41
Leak Detection kits	46	\$0.70		0.0007	5	0.03	0.16
Hose Timers	263	\$7.88		unknown	5	Unknown	unknown
Shower Timer	330	\$2.25		0.0000296	5	0.01	0.05
Water Efficiency Measurer Bag	0	\$0.12		unknown	-	Unknown	unknown
Shower Pause Valve	0	\$1.94		0.0000493	5	0.00	1.41
Hose spray nozzle	325	\$3.88		unknown	5	Unknown	unknown
Soil Probe	204	\$2.23		unknown	5	Unknown	unknown
Drip Irrigation Starter Kit	84	\$23.29		unknown	-	Unknown	unknown
Tree Watering Rings (15Gal)	71	\$10.80		unknown	-	Unknown	unknown
	2,447		\$7,623			10.61	54.47

Residential Water Audits

California American Water's Ventura County District conducted 59 residential water audits for the year 2022 resulting in a potential water savings of 769,008 gallons per year. The conservation representative confers with the customer to assess the type of survey required and then requests from outside vendor to do the physical work. The surveys contracted out were conducted by WaterWise Consulting Services, Inc. Customers were given a detailed assessment of the indoor and outdoor usage, recommended irrigation upgrades or repairs, and a comprehensive audit report with rebate application forms, and educational material. All audit data and information collected is maintained in a database to allow for easy tracking of water saving opportunities and to obtain a district profile for toilets and other water saving devices.

Residential and Commercial Rebates

In the Ventura County District, during 2022, an extensive rebate program was provided through our partnership with Metropolitan Water District of Southern California's (MWD) SoCal Water Smart program for both residential and commercial customers. Some of the rebates offered residentially were high efficiency toilets, clothes washers, weather-based irrigation controllers, flow leak detection devices, and sprinkler nozzles. The commercial rebates range from toilets, restaurant equipment, cooling equipment, irrigation devices, and plumbing equipment. The MWD rebate programs (residential and nonresidential) are funded in part through its member agencies' purchased water rates.

We also offer our commercial customers in-house rebates for commercial dishwashers, commercial clothes washers, and pool covers. We ran a targeted commercial outreach campaign with larger-than-normal monetary rebates on commercial grade clothes washers and dishwashers in the hopes of encouraging water saving efforts in this way. Our commercial customers, however, did not take advantage of these rebates in 2022.

Commercial & Large Landscape Water Audits

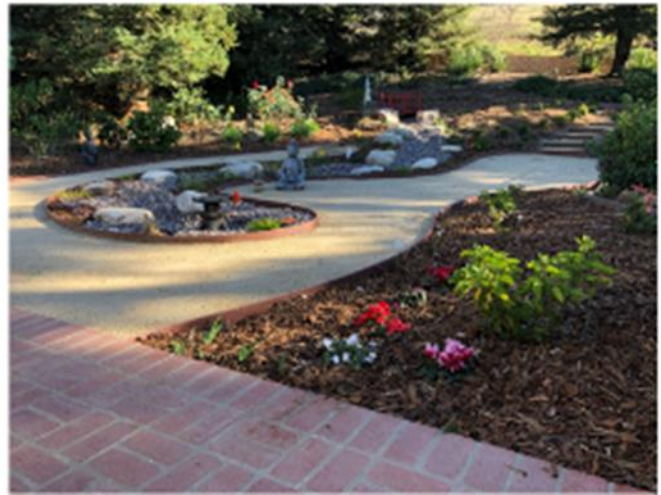
In 2022 CII and Large Landscape audits were conducted using outside vendors using both Waterwise Consulting and Blue Watchdog Conservation. There were two commercial/large landscape audits conducted for Shadow Mountain Tennis Club and St Matthews Church. One residential large landscape (over 1 acre) audit was conducted as well. All audits performed were to assist the customers with locating a source of high consumption or continuous consumption showing on their billing. Detailed reports were supplied to all surveyed customers with findings and recommendations.

Residential and Commercial Landscape Transformation Rebate Program

In 2022 Ventura County District, through the partnership with Metropolitan Water District's (MWD's) SoCal Water Smart program, was able to provide a rebate for transforming their customer's turf into an ecofriendly and sustainable landscape. The program requires the retrofitting of irrigation, creating a rain harvesting element, and must also include use of California native plants and/or trees within the design. Due to the severe drought, both our wholesaler as well as our Ventura District added supplemental funding to further encourage the removal of water thirsty lawns. During 2022, 61 customers took advantage of the program for a total of 85,322 square feet of transformed landscape resulting in an approximate 3,614,293 gallons per year water savings. The program continues yearly.



Before



After

The MWD Landscape Transformation Rebate Program is funded in part through its member agencies' purchased water rates with supplemental funds from Calleguas Municipal Water District and California American Water conservation budget.

Low Income Water/Energy Direct Install

California American Water's Los Angeles and Ventura districts partnered with Semper-Energy (Southern California Gas Company) for an Inter-Utility Agreement referred to as the Resource Savings Program. SoCalGas offers no-cost energy savings measures for its income qualifying residential customers pursuant to its Energy Savings Assistance Program (ESA Program). California American Water offers low or no-cost water efficiency measures and incentives, including rebates, for its qualifying residential customers pursuant to its water conservation program. Measures that the customers may qualify for include clothes washers, faucet aerators (kitchen & bath), low flow showerheads, thermostatic shower valves, and thermostatic tub spouts. Collectively, the Resource Savings Program has assisted customers in the Ventura District to reduce their water and energy usage. The program's continuation is expected into the year 2023.

In 2022 the Ventura District also contracted with Richard Heath & Associates (RHA) to provide to our customers on the Customer Assistance Program (CAP) free high efficiency toilets. A summary of the program is RHA contacts our CAP customers to schedule an inspection of toilet(s) checking for qualifications and/or leaks. If the toilet meets qualifications, then a new toilet is installed. RHA also conducts a meter check and outdoor survey to check for leaks. Other water saving devices such as hose nozzles, shower timers, and leak detection tablets are given to the customers. In 2022 RHA conducted 94 outdoor assessments, and installed 199 high efficiency toilets for 94 customers, resulting in a water savings of 5,065,620 gal/yr. and an embedded energy savings of 5,569 kWh.

CII & Landscape Upgrade Grant Program

California American Water's Ventura District offers a successful landscape grant program to reduce the water demand of municipal properties by changing landscaping and/or upgrading irrigation systems at high traffic public demonstration sites. This grant program focuses on replacing turf on city properties and schools with a sustainable design using low water use plants, and/or installation of water saving irrigation technology. The grant award is intended to provide funding for a demonstration project with high visibility, significant water savings, exemplary landscaping, and/or use of water-saving irrigation technology. In 2022 due to the severe watering restrictions and the likelihood that new landscape plantings

(even drought tolerant) would not receive sufficient water for establishment of roots, there were no applications received. With the reversal of restrictions as we enter 2023, we predict new applications for grants will be forthcoming.

New Framework Geospatial Analysis

Due to the new framework legislation, California American Water contracted with Eagle Aerial Solutions to conduct an analysis of residential land area water needs versus consumption for 20,825 connections in the Ventura District. This analysis will be used in calculations for meeting the outdoor residential water use standards required for the AB1668 and SB606 legislation framework. We are using their Water View software to proactively identify high-water users that currently exceed the DWR water-use target to meet framework legislation compliance.

Los Angeles County District

The programs funded through California American Water’s authorized conservation budget are shown below:

Table 6. Los Angeles County District: Conservation Programs

Table 6. Los Angeles County District: Conservation Programs									
Name of measure, as listed in Decision or Settlement	Description of measure	Authorized budget 2022	# of units / activities	\$ per unit, activity, etc.	Total \$ spent	Estimated water savings per unit/year (AF)	Unit lifespan (years)	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Public Information programs	Advertising, PSAs, Community Events	\$20,000	66	n/a	\$66,176	n/a	n/a	n/a	n/a
School Education programs	National Theater For Children & The Living Wise Program	\$20,000	8 NTC shows w/1,165 participants & 249 LWP participants	n/a	\$15,425	n/a	n/a	n/a	n/a
Residential Water Audits	Residential audits (in-house and vendor)	\$8,333	79	Approx. \$175	\$11,399	0.04	5	6.40	32.00
Low Flow Fixtures (see table 7)	Conservation devices	\$6,666	7,422	varies	\$16,736	varies	5	27.32	136.62
Residential Rebates	HECW	\$0	44	\$85	(MWD)	0.1075	10	3.66	36.55
Residential Rebates	HEDW	\$0	0	\$75	\$0	0	0	0.00	0.00
Residential Rebates	Toilet	\$0	1	\$40	(MWD)	0.0425	20	0.00	0.00
Residential Rebates	Rain Barrel	\$0	3	\$35	(MWD)	0	0	0.00	0.00
Residential Rebates / EGIA	Turf removal	\$0	26,142	\$2/ \$3 per sqft	Approx \$61,257 (MWD)	0.00013	10	3.40	33.98
Low Income Water/Energy Direct Install	Inter-Utility Resource Savings Program w/SemperEnergy & RHA low	\$25,000	636 devices	varies	\$71,328	0.0425	20	0.04	0.85

	income Toilet Replacement program								
CII and Large Landscape Conservation (Audits)	CII & LL Audits	\$16,666	7	varies	\$4,927	0.66	5	9.90	49.50
Turf Removal Rebates		\$25,000	3	varies	\$4,044	n/a	n/a	n/a	n/a
Non-residential Rebates	various	\$7,333	1	varies	\$500	0.1075	10	3.66	36.55
New Framework-Geospatial Analysis		\$4,536		varies	\$41,502	n/a	n/a	n/a	n/a
Memberships	CALWEP	\$0	1	n/a	\$1,870	n/a	n/a	n/a	n/a
Total		\$133,536			\$233,909			51.30	295.32

Conservation Coordinator (Staffing)

In 2022, the Los Angeles County District of California American Water funded one full-time Conservation Representative. The conservation representative is responsible for conducting in-home residential water conservation visits; provides staffing for public outreach conservation events; reaches out to customers to advertise rebate and incentive programs; be available to assist with rebate questions and applications; respond to all water waste reports and conduct conservation patrols within the district’s service areas; continues to support the administration of the conservation programs by responding to customer inquiries, maintaining equipment inventory, and enforcing State mandates. The Conservation Representative returned to office work in 2022 while continuing with virtual and on-line platforms for customer assistance and education.

Los Angeles Conservation continued with a contactless delivery method to meet customer requests, and continued to provide Conservation information on rebates, upcoming classes, and replied to Local, State, and Company Conservation inquiries. A hybrid work schedule was offered in 2022 and email communication continues to be the primary source for customer communications. Los Angeles Conservation addressed and received 1,757 phone calls, text messages and emails in 2022.

In 2021, California American Water purchased the East Pasadena Water Company system. Customers in the East Pasadena service area were incorporated into the current water conservation programs and incentives. The East Pasadena Water system added approximately 1,800 connections to the Los Angeles Service District. In 2022, California American Water purchased the Bellflower Municipal Water system. Acquisition of the Bellflower Municipal Water System added approximately 1,100 connections to the Los Angeles Service District.

In summer 2022, with water conditions unimproved, new water guidelines were implemented both statewide and companywide. This challenged required additional assistance and the Los Angeles district contracted with Green Media, LLC, to perform our water waste patrols. These patrols involved canvassing our service areas for water waste violations. Patrols were performed during early morning hours, on non-watering days and included noting the date and time the address was in violation and photographic proof the violation occurred. This partnership yielded 603 water waste violation notifications over a five-month period.

The Los Angeles County district continues as the Point of Contact for all California American Water Districts as the Statewide Administrator for the Ca. Gov website, by which we receive Water Waste violation notifications. With our in-house web based "Report-A-Leak", water waste patrols performed in-house staff or by contractor, notifications via email, telephone notifications and other reporting options, the Los Angeles County District addressed a total of 1,191 water waste complaints in 2022, which was a noteworthy increase in reports over the previous year.

The conservation position was funded out of the District Operational Budget.

Public Information Program

Los Angeles County District's Public Information Program comprises of sponsoring community events, attending public meetings, offering educational opportunities, promoting customer outreach campaigns, providing notifications through bill text messages and inserts, and expanding our social media presence and email communications. The overall objective of the Public Information Program is to promote water use efficiency and conservation programs to all our Los Angeles County District customers.

Customers in the Los Angeles County District received 4 bill inserts reminding customers of drought conditions, and reminders to turn off irrigation for winter. 6 direct mailers notifying customers of new rebate offerings, rate schedules, watering schedules and current restrictions, and temporary emergency regulations for commercial non-functional turf irrigation bans were mailed. 34 emails were sent to Los Angeles area customers. Emails included reminders on available rebates, promotion of upcoming webinars, and new SWRCB regulations.

We continued our on-line presence with social media postings that included statewide outreach with conservation messaging, reminders of the drought, guidelines, and water efficiency information. We continue to see increased visits to our www.amwater.com/caaw/ website. Our Homepage provides "Conservation Tips" where rotating messaging is offered to visitors and these tips are changed quarterly to coincide with the seasons, while more detailed water savings information, regulation updates and watering schedule news can be found on the Conservation Resources pages of our website.

In person public classes and educational sessions continued to be cancelled through 2022. Education and promotion expanded with on-line offerings, email notifications, and social media outreach. Classes were offered through virtual platforms such as Zoom and Microsoft Teams, and California American Water continues its presence on the most popular social media platforms. The Los Angeles District Conservation Department presents informational and educational classes to residents within our service districts. Classes are offered through California American Water directly, or in partnership with our MWD Member Agencies. Classes include topics such as "Fix a Leak" for Fix A Leak Week in March, and bi-monthly webinars throughout the year offering topics such as "Rainwater Capture" and "Turf: Remove, Replace or Maintain". Classes are presented by experts from such organizations as Blue Watchdog Consulting (BWD) and Green Gardens Group (G3), and customers receive literature, resources, contacts, as well as rebate and incentive information. As partners have transitioned and continue to improve their virtual presentations and on-line formats for hosting classes, virtual events continued to be well received by customers, as well as encouraging new classes and topics being developed. In 2022, The Los Angeles district, in collaboration with other State districts, offered 22 virtual classes. A total of 6,973 registered participants and 2,879 attendees produced an average webinar attendance rate of 42%.

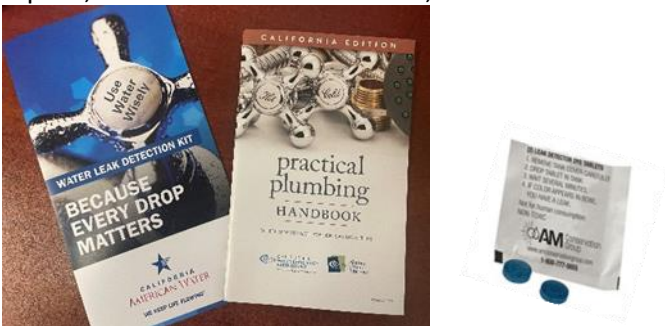


In 2022, California American Water Los Angeles initiated a Direct-Install Drip Irrigation Retrofit program. The program was offered to complement the existing Metropolitan Water District (MWD) of Southern California’s Landscape Transformation Program and motivate residents to continue to find ways to make their properties more water efficient while maintaining the aesthetic appearances they value.

As additional incentive to customers to transform to drip systems, California American Water offered attendees of the “Drip Irrigation” webinar to a complimentary *RainBird* Drip Irrigation Starter Kit. The Los Angeles district distributed 148 kits to interested customers.



The Los Angeles County District Conservation Department continues to collaborate with the Operations Department to develop a means to enhance our customer interactions. We continue with our Field Service Representative (FSR) bag to address on-the-spot customer concerns, questions, and general inquiries at the time of a Field Service appointment and continue to make developments to improve staff training and information supplied. The FSR scores continue to improve in 2022, and as a result, the Los Angeles Conservation Team, working with Customer Service and Operations, continued its program to improve overall Customer Satisfaction scores. New customers and turn-ons were delivered a Welcome Bag. The bag includes contacts for Local and Call Center representatives and a water efficient device as a welcome gift. The Welcome Bags have been well received by customers and we continue to show improvement in these service order scores. Service Quality Scores showed a consistent 100% rating for both FSR scores and New Customer/Turn-on scores in 2022. Customers are provided with California American Water branded “Leak Detection Kit”, the CalWep “Practical Plumbing” handbook for DIY leak repairs, as well as toilet leak tablets, and sink aerators.



The Public Information Program outreach and events are funded through California American Water’s general rates collection as part of the operations budget. These expenses include educational materials, displays and informative giveaways, conservation related bill inserts and mailers, and special outreach letters to customers related to water conservation. Expenses for events and activities, such as event

sponsorship, Company booth fees, room fees, etc. are funded under the general operations budget under Community Relations.

School Education Program

California American Water's Los Angeles County District contracts with two education providers to include a conservation curriculum to our local district school class schedules.

The Los Angeles District partners with The National Theatre for Children (NTC) to provide entertaining, educational curriculums and performances of the 2022 Fall Tour Schedule, "Showdown at Dry Gulch", to elementary school children, via Livestream Events. A total of 6 schools participated in the program, including 1,105 students and 60 teachers within the Los Angeles County District. After a 2-year hiatus, performances were in-person, with both Live-Stream and On-Demand options still being made available to participants.



The partnership between California American Water and NTC hosted a successful 2022-23 season. "Together, we accomplished our mutual goal of delivering a high-quality water conservation and drought preparedness education program to California American Water's school community.

Fall 2022 marked the first time the program returned to live, in-person events since the start of the pandemic in spring 2020. The return to in-person programming was well-received".

Teacher Evaluation Summary:

"Wonderful information for the students to learn about our environment."

--Jayne MacLellan, 3rdGrade Teacher, Saints Felicitas and Perpetua School, San Marino, CA

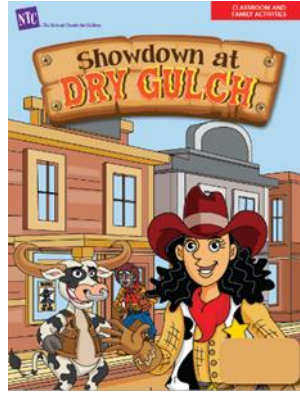
"All of my students were engaged through the presentation. They enjoyed all the reactants, while learning."

--Elizabet Franco, 1stGrade Teacher, Frank D Parent School, Inglewood, CA

As part of "Showdown at Dry Gulch" curriculum, each school receives:

E-learning package on NTCplayworks.com, which includes:

- e-books
- graphic novel flipbooks
- interactive games
- quizzes
- Teacher Toolkit -The teacher toolkit consists of lesson plans, assessments, an instructional educator video, educational standards information and more.



California American Water continues to partner with Southern California Gas, A Sempra Energy Company, to provide school educational curriculums through AM Conservation Group’s (AMCG) “LivingWise” Program. In 2022, approximately 249 participants were reached through the AMCG “LivingWise” Program. To measure student and program success, identical tests were administered to the students prior to the program and again upon program completion to measure knowledge gained. Scores and subject knowledge improved from pre-test scores of 59% to post-test scores of 86%. In addition to education, the program’s goal is to generate cost-effective energy and water savings. The program estimates a projected annual savings of 922,972 gallons of water, 3,370 therms of gas saved and 922,972 gallons of waste-water savings.

Participants received as part of the program, Teacher and Student SCG (So-Cal Gas) Guides, Certificates of Achievement, “GetWise” wristbands, a custom *LivingWise* Kit which includes water efficient devices such as digital thermometers, Filtertone Alarms, rain gauges, aerators, Teflon tape and several other items, a hands-on conservation education targeting elementary school children, with expert-designed lesson plans and easy-to-install energy efficiency and water conservation products.

“In addition to increasing resource awareness and efficiency, the program has been designed to strengthen bonds between California American Water and the community. One of the steps taken to ensure the greatest possible exposure is to feature the California American Water logo throughout each LivingWise Kit. In addition to the kit, the Teacher Survey Form, and Parent Letter/Pledge Form also feature California American Water branding.” *LivingWise Annual Report*



Residential Water Audits

California American Water’s Los Angeles District offers complimentary Water-Wise House Calls to provide residential water surveys. Surveys were performed by both the In-house Conservation staff and through our contracted external vendors. In 2022, 44 on-site field audits, 14 virtual audits, and 21 telephone audits were performed. Virtual and telephone audits were offered in response to field service visits and data log’s advising of noted meter movement.

The 44 outsourced surveys were conducted by WaterWise Consulting Services, Inc., for the on-site, in-person residential water audits. All residential Water-Wise audits include a detailed assessment of indoor and outdoor usage, an individualized water budget, recommended monthly irrigation schedule, and a check of the current irrigation controller settings. Customers are also provided with a Conservation package with appropriate water saving devices, rebate

information, new program fact sheets, and educational material. Customers with high bill or leak concerns were provided a comprehensive Water-Wise House Call for a more in-depth evaluation to identify the possible source of concern. Testing of toilets, irrigation systems and pools, confirmation of irrigation controller settings, current flow rates of existing devices, and if warranted, data logs and limited leak detection equipment were utilized to help isolate the source.

1,266 in-home Leak Detection Kits and 2,427 leak detection tablets were distributed to customers through delivery by Field Service Representatives while on service order calls, or by WaterWise Consulting during the outdoor assessment.

The staff Conservation Representative performed 14 indoor Residential virtual and audits and 21 telephone audits to help customers with Water-Use Efficiency and Conservation education. As part of the Water Wise House Call, customers were offered rebate information to upgrade outdated or inefficient appliances and offered free water saving devices such as faucet aerators, positive pressure hose nozzles, and low flow showerheads for immediate water savings.

Water audit data and information is collected and upheld in a catalogue to allow for charting of potential new water saving opportunities, and to maintain a district saturation profile for the most common high-consumption water using devices and appliances. Indoors, toilet leaks; and outdoors, irrigation system failures, continue to be the primary sources of residential water inefficiencies.

Residential Plumbing Retrofit (Low Flow Fixtures)

California American Water’s Los Angeles County District continues to provide customers with low-flow, high-efficient water saving devices including 1.5 gallons per minute showerheads, 1 gallon per minute faucet aerators, 1.5 gpm kitchen aerators, toilet leak detection tablets and take-home Leak Detection Kits, positive-pressure garden hose spray nozzles, soil moisture probes, and educational pamphlets and resources. These devices and informative materials are designed to assist residential customers enhance their indoor water use efficiency, aid in identifying leaks; and prevent water waste while reducing overall consumption. Devices designed for outdoor water usage and reduced waste include items for car washing and irrigation. The devices and materials are provided to customers upon request at community events and meetings, office walk-ins, customer call-ins, our FSR bags, new-customer Welcome bags, and through the Water-Wise home water survey program.

The summer of 2022 presented a new challenge with irrigation restrictions and bans of non-functional turf for properties considered non-residential, as well as more strict watering schedules for residential customers. Most properties were willing to comply with the mandates but expressed concerns for tree health. California American Water responded by offering complimentary Tree Watering Rings. These inflatable devices offered a slow drip delivery system to the tree roots and once empty, the ring can be moved to the next tree to water. The Los Angeles district offered 160 tree rings to customers in 2022.



The following devices were provided to customers in 2022:

Table 7: Los Angeles Plumbing Retrofit Devices

Table 7. Los Angeles County District: Residential Plumbing Retrofit- Detail							
Name of measure, as listed in Decision or Settlement	# of units distributed	\$ per unit, activity, etc.	Total \$ spent 2022	Estimated water savings per unit/year (AF)	Unit lifespan	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Showerheads	325	\$4.98	\$1,618.50	0.012	5	3.74	18.69
Hand-held Showerheads	21	\$15.90	\$333.90	0.006	5	0.13	0.65
Faucet Aerators	692	\$0.54	\$373.68	0.028	5	19.34	96.71
Kitchen Aerators	3	1.75	\$5	0.017	5	0.05	0.25
Toilet Flappers	451	\$1.88	847.88	0.005	5	2.12	10.60
Leak Detection tablets	2,634	\$0.12	\$316.08	0.001	5	1.84	9.22
Leak Detection Kits	1,062	\$0.70	743.4	0.0007	5	0.09	0.46
CalWep Plumbing Book	555	\$2.25	1248.75	unknown	5	unknown	unknown
Hose Timers	198	\$7.48	\$1,481	unknown	5	unknown	unknown
Shower Timer	0	\$1.69	\$0	unknown		unknown	unknown
Hose spray nozzle	849	\$3.88	\$3,294.12	0.0000493	5	0.01	0.05
Drip Conversion Kit	148	\$23.29	\$3,446.92	unknown	-	unknown	unknown
Soil Probe	309	\$2.23	\$689	unknown	5	unknown	unknown
Tree Rings	160	10.8	\$1,728	unknown	5	unknown	unknown
Total	7407		\$16,127			27.32	136.62

Residential Rebates (BeWaterWise/SoCalWater Smart)

For the Los Angeles County District, residential rebates in 2022 continue to be provided to customers through The Metropolitan Water District’s BeWaterWise/ SoCalWaterSmart rebate program. The Metropolitan Water District’s rebate programs (residential and nonresidential) are funded by MWD through its member agencies’ purchased water rates. California American Water did not offer an in-house residential rebate as not to rival the available MWD rebates.

California American Water’s Los Angeles district is included in the service area of the Metropolitan Water District of Southern California. Through this relationship, and partnership with our Member Agencies, West Basin Municipal Water District, and Upper San Gabriel Valley Municipal Water District, we continue to offer rebates and incentives on landscape transformations and water efficient devices.

With our partnership through the West Basin Municipal Water District, in 2022, MWD paid \$5945.92 over 69 water efficient device rebate applications. Through the Landscape Transformation Program, MWD paid customers in the West Basin service area a total of \$28,317 for removal of 9,672 sq. ft. of residential turf. MWD also paid \$14,358.00 for 7,1792 sq ft of Large Landscape turf removed from 1 Commercial property. Customers in the West Basin service area received an incentive of \$3 per square foot of removed turf.

With our partnership through the Upper San Gabriel Valley Municipal Water District, in 2022, MWD paid \$4,372.95 over 49 water efficient device rebate applications. Through the Landscape Transformation Program, MWD paid customers in the Upper San Gabriel Valley Municipal Water District \$32,940.00 in 2022 for removal of 16,470 sq. ft of residential turf. Customers in the Upper District service area received an incentive of \$2 per square foot of removed turf.



Low Income Water/Energy Direct Install

California American Water's Los Angeles County district continued the partnership with Sempra Energy (Southern California Gas Company) for an Inter-Utility Agreement represented as the “Resource Savings Program”. SoCalGas offers no-cost energy savings measures for its income qualifying residential customers pursuant to its Energy Savings Assistance Program (ESA Program). California American Water offers low or no-cost water efficiency measures and incentives, including rebates, for its qualifying residential customers pursuant to its water conservation program. Measures that customers may qualify for include upgrades for water efficient clothes washers, faucet aerators (kitchen & bath), low flow showerheads, thermostatic shower valves, and thermostatic tub spouts. The Resource Savings Program has provided 474 water savings upgrades to customers in the Los Angeles District to reduce their water and energy usage. This partnership program continues into 2023 and program is funded through the California American Water Conservation Water/Energy Direct Installation Budget item.

California American Water’s Los Angeles district continues its partnerships with our Member Agencies, West Basin Municipal Water District, and Upper San Gabriel Valley Municipal Water District, and SoCal Gas, to offer no-cost energy savings measures for its income qualifying residential customers.

Qualified customers in the West Basin service area received 10 water efficient upgrade devices while customers in the Upper District service area received 30 water efficient upgrade devices.



California American Water partners with RHA (Richard Heath Associates) to provide customers currently on our CAP (Customer Assistance Program) with free water efficient device upgrades. This program enhances our Resource Savings Program to offer customers water efficient upgrades not available through the Resource Savings Program. Customers assisted through the RHA program receive an inspection of the devices to be replaced, installation of high-efficiency toilet upgrades, and haul away of replacement toilet. Customers are also provided positive pressure garden hose nozzles and shower timers, instruction manuals, and additional conservation educational resources. In 2022, the partnership assisted 122 income challenged customers in the Los Angeles district and provided with 683 water efficient upgrades. These device upgrades contributed to 4,141,840 gallons of water saved through this program.



Commercial/Industrial (CII) & Large Landscape (LL) Audits California American Water’s Los Angeles County District contracts with WaterWise Consulting, Inc, to offer complimentary Commercial, Institutional, and Industrial (CII); and Large Landscape (“LL”) audits to our non-residential customers. WaterWise Consulting are specialists in Commercial property water auditing and performed 7 CII & Large Landscape water audits for our commercial and Industrial customers with high usage concerns.

CII audits include a detailed onsite audit, evaluation of the facility and/or surrounding landscape, irrigation and water use patterns, indoor water use history, and a summary of recommendations specific to the property. LL audits include a detailed outdoor audit and the creation of a site-specific water budget and irrigation schedule. All surveys include a visual inspection for leaks, breaks and inefficiencies to address any potential problems or improve landscape efficiency.

Non-residential Rebates

For the Los Angeles County District, all non-residential and commercial rebates in 2022 continue to be available to customers through either our in-house rebate program and/or through The Metropolitan Water District’s BeWaterWise/ SoCalWaterSmart rebate program. California American Water’s non-residential rebates include High-Efficiency Clothes Washers, Dishwashers and pool covers. In reaction to worsening drought conditions, the Los Angeles district continued to offer an increase to our in-house rebate offering to encourage commercial customer to upgrade to high- efficient clothes washers. In 2022, 1 customer in the Los Angeles service area took advantage of this increased incentive.

The Metropolitan Water District’s rebate programs (residential and nonresidential) are funded by MWD through its member agencies’ purchased water rates.



Memberships

California American Water maintains its partnership with The California Water Efficiency Partnership (formerly the California Urban Water Conservation Council; now CALWEP). This partnership is ongoing and provides vital information, tools, resources, and contacts by means of updates and data-sharing for California’s ever-changing drought conditions.

Monterey County District

The programs funded through California American Water’s authorized conservation budget are shown below:

Table 8. Monterey County District: Conservation Programs

Table 8. Monterey County District: Conservation Programs									
Name of measure, as listed in Decision or Settlement	Description of measure	Authorized budget 2022	# of units / activities	\$ per unit, activity, etc.	Total \$ spent	Estimated water savings per unit/year (AF)	Unit lifespan (years)	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Conservation Staff/training	Conservation staffing	\$21,667		N/A	\$18,590	n/a	n/a	n/a	n/a
Public Information programs	Advertising, PSAs, Community Events	\$100,000		n/a	\$95,004	n/a	n/a	n/a	n/a
School Education programs	ZunZun Program	\$5,000	4	n/a	\$8,445	n/a	n/a	n/a	n/a
Residential Water Audits	Residential audits (in-house and vendor)	\$10,000	261	in house	\$9,383	0.04	5	10.44	52.2
Low Flow Fixtures (see table 9)	Conservation devices	\$20,000	-	varies	\$22,458	varies	5	16.86	84.31
Rebates	Residential and non-Res	\$366,667	1023	varies	\$230,766	varies	varies	6.85	82.2
Soil Moisture and Rain Sensor Install Program	direct install	\$8,333	87		\$16,164	varies			
Low Income Water/Energy Direct Install	CAW/PGE program	\$25,000	115	varies	\$44,969	0.0425	20	4.89	97.75
Landscape Upgrade Grant Program	Public landscape retrofit	\$15,000	1	n/a	\$10,713			0	0
CII and Large Landscape Conservation (Audits)	CII & LL Audits	\$21,667	7	varies	\$599	0.66	5	4.62	23.1
New Framework Geospatial Analysis	Prepare fo DWR Targets	\$21,799							
Total		\$615,133			\$457,091			43.66	339.56

Conservation Coordinator (Staffing)

In 2022, California American Water's Monterey County District conservation staff consisted of an operations supervisor and three conservation specialists. Labor expenses were part of regular operating expenses. Expenses shown above were for staff training.

Residential Water Audits

California American Water continued its Water Wise House Call Program (residential audits) in 2022 utilizing its certified staff at no cost to the conservation budget. The program has been in effect since 2008 and consists of offering free residential audits for single and multi-family properties to identify ways the customer can save water indoors and out and detect leaks.

California American Water's conservation staff completed 89 Water Wise House Calls in 2022. In addition, conservation staff completed 172 irrigation sprinkler checks at the beginning of the spring season. Customer irrigation systems were evaluated to ensure there were no leaks and to identify root causes of possible high-water use. Outdoor tips and recommendations were also provided to customers, as well as the offering of free rain sensors installed by California American Water Company's contractors.

California American Water promoted the Water Wise House Call program through bill inserts, rebate brochures, offers to customers who visited the office to make payments, and by targeting customers who had received high water bills and had been billed in the higher tiers of California American Water's four-tiered rate design.

During the Water Wise House Calls and Spring Irrigation Checks, California American Water identified common inefficiencies and water waste in many Monterey residences. The most common occurrences were:

- Toilet and faucet leaks
- Irrigation controllers set to run too long resulting in water waste
- Water softener issues
- Misaligned and broken sprinkler heads
- Customer service line leaks

California American Water's conservation staff assisted customers on how to read their water meters so customers can monitor their usage and detect leaks. In addition, conservation staff also assisted customers by properly adjusting their irrigation controllers to meet the plant water needs and to irrigate in compliance with MPWMD's two day a week watering schedule. Conservation staff also provided free water conserving devices to customers. The audit reports also include recommendations on utilizing the rebate program for the replacement of high water-use fixtures and appliances at customers' homes.

California American Water Leak Detection Kits

In 2022, California American Water provided customers with a guide on how to detect the most common and not so common leaks indoors and outdoors. Not so common leaks typically are found with water heaters, boilers, dishwashers, water softeners and more. The guide was mailed to customers and also provided for water wise house calls. Included in the packet were leak detection tablets for detecting toilet leaks.

At American Water, we are committed to environmental stewardship and the responsible management of our precious natural resources. By using this leak detection kit to identify and repair water leaks, you can help make a difference in your monthly bill while conserving water.

COMMON INDOOR LEAKS

THE LEAKY TOILET

Accounting for more than 95 percent of all water waste, toilet leaks are caused by worn or damaged parts in the toilet flush tank. (Toilet flushes account for about 100 gallons of the water use in your house each day. That's about 40 percent of the average household use.)

Some of these leaks will empty directly into the sewer line without leaving any clues. Even so, you can check for these leaks. Common causes include:

Float arm problems

Remove the lid from the top of the flush tank. See if the overflow pipe and the plunger ball are working properly. Do this by flushing the toilet, watching the tank mechanism and listening. You should hear the water flow shut off.

If the water does not shut off, check the water level. If it has risen above the overflow pipe, gently bend the float arm down and flush again.

You may need to replace the plunger ball if the water level is about one inch below the top of the overflow pipe and you still hear water flowing.

A tiny pinhole

A pinhole opening below the overflow pipe's water line could produce an



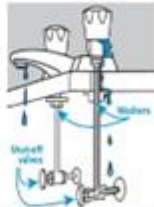
Water in the overflow pipe could also be caused by a pinhole in the float or a worn washer on the inlet line.

invisible leak. Check for this by sliding a flashlight down into the overflow pipe. If you see running water, you have a leak that should be repaired.

Defective plunger ball (flapper valve)

This is often a silent leak which causes the tank to continually drain and refill. Check for a worn or improperly seated plunger ball (flapper valve) by dropping one of the dye-tracing tablets (included with this kit), or a few drops of food coloring, into the toilet tank. Do not flush. If a leak exists, the dyed-colored water will seep into the bowl in about five minutes. If it does, the plunger ball (flapper valve) may need to be replaced or resigned.

THE LEAKY FAUCET



A slow drip can waste as much as 20 gallons of water each day.

A dripping faucet

A slow drip can waste as much as 20 gallons of water each day. A mere 1/16-inch leak wastes 100 gallons of water each day. With that much water — and money — going down the drain, it's important to get leaky faucets fixed as soon as possible.

If you notice that a faucet is dripping, first try closing it tightly. If it continues to drip, the most likely cause is a worn or wrong-size seal washer (also

COMMON INDOOR LEAKS CONTINUED

called a stem washer). With just a little effort, you may be able to replace the washer yourself. You may need an adjustable wrench, a standard-size screwdriver, and a Phillips screwdriver for older plumbing fixtures. It may be more economical to rebuild or replace the faucet if it is washerless.

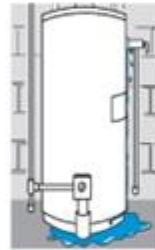
Changing a washer

Before you start, turn off the water supply to the faucet by closing the fixture's shut-off valve. Most kitchen

and bathroom faucets have shut-off valves under the sink. Turn the valve clockwise until it's tight. This shuts off the water to the sink only and does not affect the water service for any other part of the house.

Be certain that the replacement washer is the same size as the worn one (if the worn washer was the correct size). If you need help, bring the worn washer to your plumbing supply or hardware store, and the store representative can help you match it with a new one.

NOT-SO-COMMON INDOOR LEAKS



Water dripping down the side of the tank could mean the pressure release valve is stuck.

Water heater tank

The pressure valve release could be stuck. This valve is most often found near the top of the tank, and is usually a large brass fitting threaded into the tank. If it's not working properly, water will be leaking from it, dripping down the side of the tank and accumulating on the floor.

Boiler

Listen for the sound of running water. If it is continuous and does not stop and start periodically, your boiler system may have a leak.

Water softener

If you have a water softener, it could be wasting water if it is not recycling properly. The cycling

process, regulated by a timer, often occurs between 2 a.m. and 4 a.m. You're likely to have a problem in this unit if you constantly hear the sound of running water.

Washing machine

If you see water on the floor near the machine, it could mean a leak. You may want to call your washing machine repair service.

Humidifier

Water accumulated beneath the unit could be a sign of a leak. If the overflow discharge is piped into a sewer or drainage line, you may not find any visual signs of a leak. Listen for running water. If it's continuous, the float valve could be stuck.

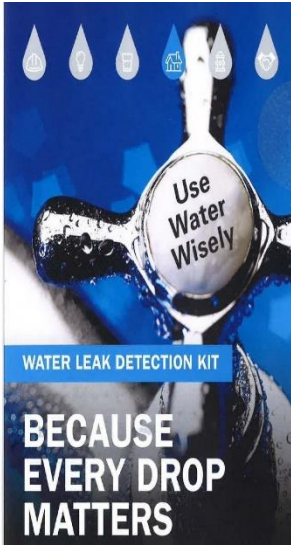
Fire suppression systems

Many newer homes and businesses have fire suppression systems. If so, check to make sure that the sprinkler heads are tight and not leaking.

Dishwasher

Water accumulated on the floor near the unit could be a sign of a leak. You may want to call your dishwasher repair service.





Residential & Commercial Plumbing Retrofit

California American Water has been offering various free water saving devices for its residential and commercial customers including showerheads and kitchen faucet aerators with a flow rate of 1.5 gallons per minute, bathroom faucet aerators with a flow rate of 0.5 gallons per minute, leak detection tablets/kits and outdoor water saving tools such as soil moisture meters and hose nozzles that automatically shut off when not in use.

California American Water tracks the distribution of the various water saving devices. The various devices were distributed to California American Water customers in a variety of means including community events, the California American Water front desk (walk in customers), upon customer request, and special giveaway offer advertised in ads and email blasts.

In addition to the items listed above, California American Water also offered a variety of outdoor devices. The total number of each water saving device distributed in 2022 to California American Water’s residential customers in Monterey are listed in [Table 9](#).

Table 9. Monterey County District: Plumbing Retrofit Detail

Table 9. Monterey County District: Residential Plumbing Retrofit- Detail							
Name of measure, as listed in Decision or Settlement	# of units provided	\$ per unit, activity, etc.	Total \$ spent 2022	Estimated water savings per unit/year (AF)	Unit lifespan	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Showerheads	1150	\$4.39		0.0062	5	7.13	35.65
Handheld Showerheads	144	\$11.90		0.0062	5	0.89	4.46
Kitchen Faucet Aerators	1700	\$1.75		0.0017	5	2.89	14.45
Leak Detection tablets	5000	\$0.06		0.0007	5	3.50	17.50
Leak Detection Kits	3500	\$1.35		0.0007	5	2.45	12.25
Dish Squeegees	1200	\$1.95		unknown	5	unknown	unknown
Hose spray nozzle	1380	\$3.88		unknown	5	unknown	unknown
Soil Probe/Moisture meter	4824	\$2.50		unknown	5	unknown	unknown
	18,898		\$22,458			16.86	84.31

Residential and Commercial Rebates (MPWMD Rebates)

Monterey County District’s rebate program is funded by California American Water but administered by MPWMD. California American Water has been working closely with the MPWMD to implement advertising campaigns and press releases that draw customers’ attention to the rebate program. Rebates are offered during all water wise house calls and conservation events. During 2022, \$241,474 was refunded for purchase and installation of the many items covered by the Rebate Program.

Rebate Type	Rebate Paid	Number of Devices	Acre Feet per Device	Estimated AFA	Gallons Saved (approximate)
High Efficiency Toilet (HET)	\$8,600.00	121	0.005	0.6050	197,140
Ultra HET	\$3,725.00	31	0.01	0.3100	101,014
Toilet Flapper	\$30.00	2		0.0000	0
High Efficiency Dishwasher	\$19,325.00	137	0.003	0.4110	133,925
High Efficiency Clothes Washer-Res	\$168,670.60	338	0.0161	5.4418	1,773,216
High Efficiency Clothes Washer-Com	\$0.00	0	0.09	0.0000	0
Instant Access Hot Water System	\$3,497.00	18	0.005	0.0900	29,327
Zero Use Urinals	\$0.00	0	0.02	0.0000	0
Pint Urinals	\$0.00	0	0.008	0.0000	0
Cisterns	\$32,041.00	26			
Smart Controllers	\$2,160.72	23		0.0000	0
Rotating Sprinkler Nozzles	\$0.00	0		0.0000	0
Moisture Sensors	\$25.00	1		0.0000	0
Lawn Removal and Replacement	\$3,400.00	1		0.0000	0
Graywater	\$0.00	0		0.0000	0
Smart Flow Meters	\$6,863.99	0			

Total	\$241,474	698	6.8578	2,234,621
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Rain Sensor Install Program

In 2022, California American Water continued its Rain Sensor Installation Program through its contractor Water Wise Consulting and a total of 87 rain sensors were installed for residential customers. A total of 866 rain sensors have been installed since the program began in 2011 for residential & multi-residential customers.

To promote the program, California American Water sent a postcard to its residential and multi residential customers in November of 2022 and utilized an email campaign to contact customers with email addresses. Using email campaigns to contact customers has been successful and cost efficient. In a three-month period, we received notifications from 118 customers interested in the program.

Potential candidates for rain sensors are customers who have second homes and cannot quickly turn off their irrigation systems and customers who have been billed in the higher tiers of California American Water’s four -tiered residential rate structure. The rain sensor savings are most realized during the months of January through April and during the months of November and December, indicating possible over-irrigation occurring during those particular months. These customers would have irrigated during period of rains and possibly have usage into the higher rate tiers.



The rain sensor is a device that has great water savings capability signaling an irrigation controller to stop watering during rain and resuming to water when needed. Pictured is the actual rain sensor that is provided free of charge to residential and multi residential customers.

Live Landscape Webinars

California American Water in partnership with the Monterey Peninsula Water Management District and the Water Awareness of Monterey County hosted multiple live landscape webinars. These webinars were conducted by G3 Greens Garden Group landscape professionals. In the comfort of customers’ homes, they were able participate in the classes, which typically run from 6 p.m. to 7 p.m., and ask questions.

The highly popular Live Water Wise Landscape Basics webinars were directed to residential and commercial customers which generated 1,455 registrations and 1,046 participants.

Class Topic	Date	Day of Week	Attendees #
Managing Your Irrigation Controller	2-17-2022	Thursday	31
Weed & Pest Management	2-24-2022	Thursday	61
Garden Design	4-5-2022	Tuesday	96
Irrigation Basics	4-19-2022	Thursday	61
Vegetable Gardening	6-7-2022	Tuesday	105
Herbs Beyond Basil	6-14-2022	Tuesday	62
Beautiful Gardens Even in Drought	7-12-2022	Tuesday	85
Irrigation Water Use Efficiency	7-21-2022	Thursday	28
Deciphering Irrigation Controller	8-9-2022	Monday	18
Drip Irrigation Fundamentals	8-25-2022	Tuesday	68
Turf: Remove, Replace or Maintain	9-22-2022	Tuesday	57
Rain Water Capture Workshop	9-27-2022	Tuesday	144
Graywater Basics	10-11-2022	Tuesday	97
Protecting the Trees	10-27-2022	Thursday	57
Compost: Building the Sponge	11-10-2022	Thursday	76

Customer Assistance/Energy Joint Direct Install Program

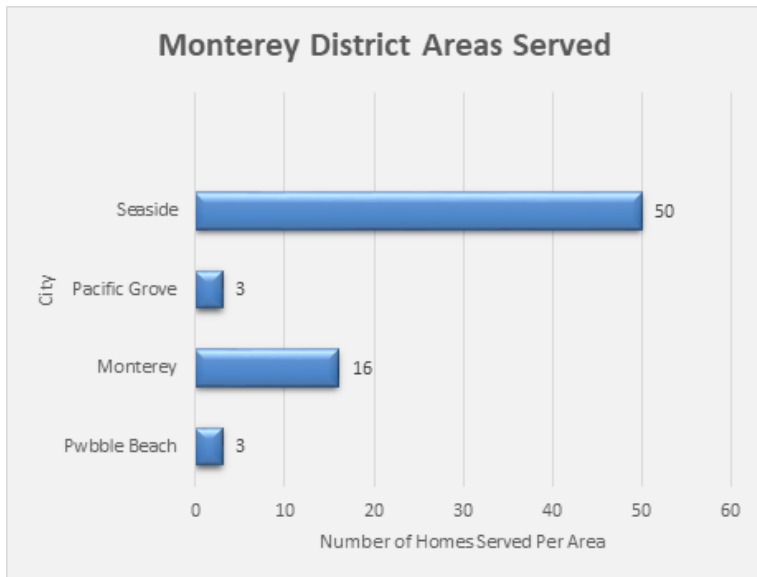
California American Water continued its partnership with Pacific Gas and Electric Company (PG&E) to offer a first of its kind Water-Energy Joint Partnership Direct Install Program for its Customer Assistance Program customers in 2022. The program provides low-income residential customers with free home water and energy upgrades to make their home more energy and water efficient. Partnering with PG&E allowed both utilities to share costs as part of an Energy Savings Assistance Program (ESA) Water pilot where California American Water provided funding for the cold-water conservation measures (Toilets, Toilet Flappers, Hose nozzles) and water conservation education. PG&E provided funding for all hot water measures (Faucet aerators, showerheads, thermostatic valves, water heater leak repair, etc.). This joint program

provided participating customers the convenience of a single contractor visit and single contact to the program administrator instead of separate water and energy audits and multiple installation visits.

In addition to the energy, home weatherization and water measures, California American Water customers also received an indoor and outdoor water home audit and received a brief water conservation education at their home. In 2022, a total of 72 Monterey households were served.

This partnership was the first Water/Energy Joint program of its kind in California and served as a model for similar programs now developed in other areas of California. Funding for California American Water’s portion of the program came from CPUC authorized conservation program funds for low-income direct install programs.

The following chart shows a breakdown of the cities in each of the Monterey District that were served by Water/Energy Joint Direct Install Program.



School Education and Outreach

ZunZun School Performances

California American Water, through its partnership with the Water Awareness Committee of Monterey County, a local non profit organization, continued to offer school presentations by the ZunZun performance group, that performs a water conservation themed musical show.



In 2022, ZunZun provided four 45-minute performances within California American Water’s service territory. Zun Zun continued its in-person presentations while also offering the Live Webinar

program. The in-person presentation covered topics such as the water cycle, water shed, indoor conservation and conservation tips, including information about fixing leaks. Its Live Webinar presentation which included online performances such as the Watershed Card Matching Game where kids played together at home developing vocabulary and reinforcing science standards with a fun card game online while remembering to save water.

Zun Zun offers two shows, the Musical Water Shed and the Water Beat. Students were also encouraged to participate either through the virtual performances and in person performances through a song and dance presentation of the water cycle. Conservation tips were also presented for students such as taking shorter showers, not letting the faucet run to notify their parents when they see leaks at home. The virtual and in person performances reached a total of 1,640 students.

Date	School	Assembly Type	Number of Students	City
1-11-2022	Ord Terrace	In Person	500	Seaside
2-23-2022	Bay View Academy	Live Stream	496	Monterey
4-6-2022	Forest Grove	In Person	444	Pacific Grove
9-3-2022	Monterey County Fair	In Person	200	Monterey

Conservation Events

California American Water in partnership with the Monterey Peninsula Water Management District maintained an effective and active conservation program in 2022 and resumed its face to face on site conservation events that were cancelled and not scheduled due to the COVID-19 Pandemic the previous 2 years. Events included the Good Old Days in Pacific Grove, the Monterey County Fair, West End Celebration, Earth Day events, and the City of Monterey Cutting Day. In addition, CAW and the MPMWD continued its Summer Splash Challenge Giveaway and also started the Mulch Free Giveaway Program which was extremely popular.

Monterey County Fair

California American Water sponsored and participated in the annual Monterey County Fair for four days by hosting a conservation booth and providing water saving devices, handouts and tips on how to conserve water. The company also participated in the Water Awareness Committee’s (WAC) Water Awareness Day, which is further described in the WAC section.



Pictured: California American Water Staff

The Good Old Days

California American Water sponsored and participated in the annual Good Old Days for two days by holding a conservation booth and providing water saving devices, handouts and tips on how to conserve water, offering water wise house calls and discussing the generous rebate program. The Monterey Peninsula Water Management District conservation staff also participated with California American Water on both days. California American Water and the MPWMD partnering on conservation programs and events gives customers an opportunity to ask various questions from both agencies.



FREE MULCH FOR YOUR GARDEN

California American Water (CAW) and the Monterey Peninsula Water Management District (MPWMD) are sponsoring Mulch Madness, where we will provide you with a voucher for FREE natural mulch. By retaining soil moisture, mulch can reduce water use by up to 25%. The voucher is good for two (2) cubic yards of natural mulch from Tope's Sustainable Garden Center in Salinas. We are also offering a 28.5% discount on mulch purchased beyond the first free two cubic yards.

✓ CUSTOMER ELIGIBILITY REQUIREMENTS:

- Only CAW water customers or residents living in the areas within MPWMD's jurisdiction are eligible to participate in this event.
- For personal use only, not for resale.
- Supplies are limited.

For additional eligibility requirements and to receive your voucher for FREE mulch, visit montereywaterinfo.org/mulch.



Mulch Madness

California American Water in partnership with the Monterey Peninsula Water Management District co-sponsored a mulch promotional event during the late Spring and Summer of 2022. Mulch Madness provided two cubic yards of natural mulch free to residents and commercial customers of CAW and the customers within the jurisdiction of the MPWMD. Customers had a choice of 2 cubic yards of the free mulch to fill their vehicles or 5 large bags of prebagged mulch. The amount of mulch given covers approximately 300 square feet of landscaping 2” thick. Two cubic yards of mulch is the equivalent of filling 2 small truckloads. The type of mulch offered consisted of recycled green waste from local tree trimming vendors, primarily Monterey Pine and Monterey Cypress.

The benefits of mulch help soil retain moisture, reduces water use by up to 20-25%, impedes weed growth, protects from soil erosion, buffers soil temperatures, improves over all soil health, and makes a garden much attractive.

The giveaway was promoted through email campaign, social media and ads in the local papers. To confirm eligibility, customers filled out a form on CAW and MPMWD’s [joint website](#) which was reviewed by CAW staff. Once approved, a voucher via email was issued for the customer to present to Tope’s Landscaping.

Customers also had a choice of purchasing more mulch at a discounted rate of 30%.

The program was a huge success with 442 customers participating in the program.

Mulch Product	Cubic Yards
Free Loose Mulch	425
Purchased Loose Mulch	101
Free Bags (931)	35
Purchased Bags (55)	2
Total Free and Purchased Mulch	563
Total Estimated Water Savings	271,555 Gallons

PUBLIC OUTREACH

California American Water, in partnership with MPWMD, continued its Monterey Water Conservation Facebook page to keep local contacts informed about conservation efforts. The page provides timely conservation tips and news about upcoming events and local water issues.

Email Campaigns & Social Media

California American Water continued encouraging customers to maintain high levels of conservation and provided educational emails on what conservation resources and activities customers could undertake.

Outreach included more than twenty emails throughout the year on conservation-related topics. Emails covered Earth Day, conservation tips, understanding water rates, watering schedules and reminders to turn off sprinklers when it rains. Thirteen social media messages also focused on turning off sprinklers due to the weather, adjusting irrigation controllers

as needed, seasonal water savings, and other generic water conservation tips and suggestions. One email and two social media messages targeted commercial customers regarding emergency conservation regulations and another email notified all customers to reduce use due to energy flex alerts. Additional emails and social media messages provided details on California American Water's and MPWMD's conservation-related offers, such as rain sensors, gardening mulch, irrigation system checks, and a summer conservation challenge/giveaway. Of the many emails, 15 emails invited customers to participate in webinars that taught a variety of ways of conserving outdoors. Lastly, weekly emails were sent to new customers that included conservation tips and reference information.

Radio Sponsorship & Print Ads

Radio advertising from February to December on the Monterey Peninsula National Public Radio station, KAZU, supported the conservation messaging as appropriate.

Print ads in local papers encouraged customers to take advantage of conservation-related rebates and to obtain free water-saving items, such as rain sensors and mulch. Another ad run in local papers encouraged customers to turn off sprinklers when it rains.

Mailers & Bill Inserts

Five postcards were sent to customers on various conservation-related topics, such as mandatory water-use restrictions, commercial customer water conservation regulations, free rain sensors, conservation rebate offers, and understanding how water usage affects rates. As new customers across the state were added to the California American Water system, they were also sent welcome booklets that included water-saving tips and information on California American Water's conservation services.

Three bill inserts were sent to customers. Topics included watering restrictions, turning off sprinklers when it rains, and outdoor conservation tips. Corresponding bill messaging and images supported the outdoor conservation messaging as well as a stand-alone handout. An image that focused on emergency water conservation regulations for commercial customers was also featured in customer billing.

Doorhangers informing customers of water-use violations were created and distributed as needed.

Landscaping Webinar Emails

[View this email in your browser](#)



GROW A DROUGHT-RESILIENT GARDEN

Join us for a free online class, presented by Green Gardens Group via Zoom, to learn how to maintain a gorgeous, drought-resilient yard using the principles of watershed-wise landscaping. The class is free, but registration is required.

[CLICK HERE TO REGISTER](#)

BEAUTIFUL GARDENS, EVEN IN DROUGHT
TUE SDAY, JULY 12, 6-7 P.M.

The class focuses on the following:

- Supporting gardens in times of drought through key management practices
- Converting lawn areas to resilient and organically maintained polycultures
- Managing limited irrigation as efficiently as possible
- Protecting trees in times of drought


CONSERVATION. ONE MORE WAY WE KEEP LIFE FLOWING.





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[View this email in your browser](#)



RAINWATER CAPTURE

Join us for a free online class about rainwater capture, presented by Green Gardens Group via Zoom. Learn valuable information about how to capture rainwater to use in your landscape. The class is free, but registration is required.




[CLICK HERE TO REGISTER](#)

RAINWATER CAPTURE
TUE SDAY, SEPTEMBER 27, 6-7 P.M.

This webinar focuses on best management practices for passive and active capturing of rainwater in the landscape. Join us and learn about:

- Criteria and considerations in selecting a rainwater capture method
- Working with ditches
- Designing swales and berms (calculations, setbacks, installation)
- Directing water into rain gardens

CONSERVATION. ONE MORE WAY WE KEEP LIFE FLOWING.

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Rain Sensor Program



**IT'S RAINING.
 DID YOU TURN OFF
 YOUR SPRINKLERS?
 NOT SURE? WE CAN HELP!**

California American Water offers **FREE** rain sensors and installation for qualifying customers.




FREE RAIN SENSOR WITH INSTALLATION

 CALIFORNIA AMERICAN WATER
 611 First Street North, Suite 500
 Pacific Grove, CA 93950

California American Water is offering a **FREE** rain sensor along with **FREE** installation (for qualifying customers while supplies last). Rain sensors signal your irrigation controller, automatically shutting it off when it rains and turning it back on when needed.

RAIN SENSORS WILL:

- Save you money on your water bill by automatically shutting off your irrigation system when it rains.
- Prevent overwatering, which can lead to diseases that damage your turf and plants.
- Prolong the life of your irrigation system because the system runs only when necessary.
- Save you money on fertilizer. Overwatered turf and plants wash away nutrients into the drainage system, which means you will need to add more fertilizer.

Call California American Water today at **833-646-3295 option 3** to see if you qualify for a free rain sensor with installation. You'll notice savings during the rainy season.

SERVICE. ONE MORE WAY WE KEEP LIFE FLOWING.



KEEP CONSERVING!

CALIFORNIA AMERICAN WATER
WE KEEP LIFE FLOWING

As drought conditions continue, California American Water encourages you to keep conserving by limiting outdoor water use. Please follow the latest mandatory watering schedule. We can all be part of the solution by using less water. Visit montereywaterinfo.org for more information.

DO YOUR PART TO CONSERVE

With the drought threatening our water supplies, we encourage you to redouble your efforts to limit outdoor water use and follow the mandatory watering schedule. Due to drought conditions throughout the state, there is a limited supply of water available and further restrictions may become effective later this year.

Follow mandatory watering restrictions and water only two days per week.

- Customers must follow the mandatory two-day per week watering schedule: Wednesdays and Saturdays only.
- All irrigation must occur before 9 a.m. and after 5 p.m. to avoid evaporation.
- It is recommended to water no more than 15 minutes per station per day due to the drought.
- Watering by hose must also adhere to the same schedule (Wednesdays and Saturdays only) and be equipped with a positive shut-off nozzle.

Schedule a free water-use survey to help identify leaks and find other ways to save water in the house and outside. Call 631-646-3205 ext. 3 to schedule your in-home survey.

Take advantage of cash-back rebates to replace grass with low-water-use landscapes. Visit montereywaterinfo.org > Rebates > Your Home for more information.

If customers don't reduce water use, it is likely that the state will implement additional water-use restrictions. For more conservation tips and information, please visit californiaamwater.com > Conservation > District Resources > Monterey or call us at 631-646-3205 ext. 3.

Conserving water is a shared responsibility for our company and our customers. Together, we can be part of the solution.

UNDERSTANDING YOUR WATER RATES

A small part of your water bill is fixed, but the majority of your water bill relates directly to how much water you use. As your water use increases, so does the cost per gallon of water. This is called a "tiered" system. With tiered rates, customers who use less, save more.

TIER 1
REGULAR USAGE
If you use less water indoors, you'll likely stay in TIER 1.
7th per 100 gallons for 0-6,000 gallons

TIER 2
INDOOR + OUTDOOR USAGE
If you use water indoors and outdoors, you'll likely move to TIER 2.
10th per 100 gallons for 0-9,000 gallons +
\$1.28 per 100 gallons for 9,000-12,000 gallons

TIER 3
PARTY/POOL PARTY USAGE
If you use water frequently, you'll likely move to TIER 3.
10th per 100 gallons for 0-9,000 gallons +
\$1.28 per 100 gallons for 9,000-15,000 gallons +
\$1.50 per 100 gallons for 15,000-19,000 gallons

TIER 4
SPENDING WATER USAGE
If you use water occasionally, you'll likely move to TIER 4.
10th per 100 gallons for 0-6,000 gallons +
\$1.28 per 100 gallons for 6,000-12,000 gallons +
\$1.50 per 100 gallons for 12,000-18,000 gallons +
\$1.75 per 100 gallons for use above 18,000 gallons

No part of the water bill is exempt from following sensible tips to save water and money:

- Turn off the water when washing dishes, shaving or brushing your hair.
- Follow the watering schedule. Water before 9 a.m. or after 5 p.m. when temperatures are cooler.
- Apply mulch in your garden to minimize evaporation and maintain soil moisture when water is needed.

Conserving water is a shared responsibility for our company and our customers. Together, we can be part of the solution.

CALIFORNIA AMERICAN WATER
511 Power Lodge Road, Suite 100
Palo Alto, CA 94301



Drought Materials - Commercial

SAVE 20%

EMERGENCY WATER CONSERVATION REGULATIONS IN EFFECT

Due to worsening drought conditions, a statewide ban on watering "non-functional turf" has been implemented for commercial, industrial, HOAs and institutional areas where potable water is used for turf irrigation.

CALIFORNIA AMERICAN WATER
WE KEEP YOU HYDRATED

EMERGENCY WATER CONSERVATION REGULATIONS

On May 24, the State Water Resources Control Board voted unanimously to implement a [statewide ban on watering "non-functional turf"](#) in commercial, industrial, HOAs and institutional areas with potable water. This does not include house yards, parks, or sports fields, but it does include decorative turf at businesses and in common areas of HOAs and housing subdivisions.

WHAT IS NON-FUNCTIONAL TURF?

- Grass in front of or next to retail, industrial, commercial, institutional, and multi-unit residential properties.
- Turf that is solely ornamental and not regularly used for human recreational purposes or for civic or community events.

Non-functional turf does not include sports fields and turf that are regularly used for human recreational purposes or for civic or community events.

WHY IS THE BAN BEING IMPLEMENTED?

The emergency new regulation is mandated by the State Water Board in response to Governor Gavin Newsom's March 28 Executive Order and aims to improve the state's water conservation efforts amid the third year of drought. The emergency regulation will remain in effect for one year, unless modified by the State Water Board. Learn more at [SWRCB.com/drought](#).

QUESTIONS?

If you have questions about commercial conservation or the upcoming ban on watering, please contact our conservation specialists. Visit [californiaamericanwater.com](#) > **Conservation** to connect with a local representative.

Conserving water is a shared responsibility for our company and our customers. Together, we can be part of the solution.

CALIFORNIA AMERICAN WATER
655 W. Broadway #1410
San Diego, CA 92101

Here's how small you can be.

EMERGENCY WATER CONSERVATION REGULATIONS IN EFFECT

CALIFORNIA AMERICAN WATER
WE KEEP YOU HYDRATED

Due to worsening drought conditions, a statewide ban on watering "non-functional turf" has been implemented for commercial, industrial, HOAs and institutional areas where potable water is used for turf irrigation. Let's work together to reduce water use by 20%!

EMERGENCY WATER CONSERVATION REGULATIONS

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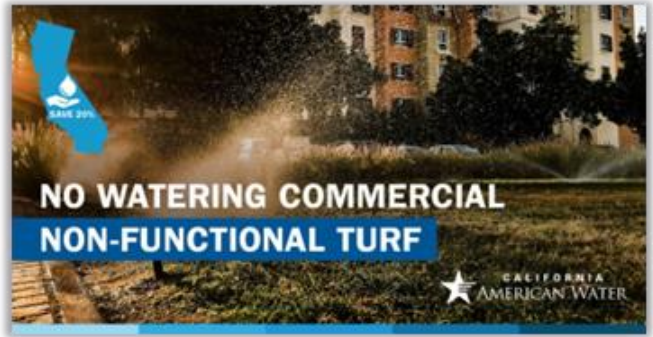
Conserving water is a shared responsibility for our company and our customers. Together, we can be part of the solution.

COMMUNITY WATER RESOURCES CONTROL BOARD

CALIFORNIA AMERICAN WATER
WE KEEP YOU HYDRATED

Call for more information:
888.237.1233

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Sacramento County District

The programs funded through California American Water’s authorized conservation budget are shown below:

Table 10: Sacramento Conservation Programs

Table 10. Sacramento District: Conservation Programs									
Name of measure, as listed in Decision or Settlement	Description of measure	Authorized budget 2022	# of units / activities	\$ per unit, activity, etc.	Total \$ spent	Estimated water savings per unit/year (AF)	Unit lifespan (years)	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Public Information Programs	Advertising, PSAs, Community Events	\$56,667	66	n/a	\$135,783	n/a	n/a	n/a	n/a
Spring /Fall - School Education Programs	AM Conservation Group (Living Wise Program)	\$35,000	1,214	varies	\$41,479	n/a	n/a	n/a	n/a
Residential Water Surveys	Residential Audits (In-house and Vendor)	\$20,000	192	Approx. \$250	\$20,871	0.04	5	7.68	38.4
Low Flow Fixtures (see table 11)	Conservation Devices	\$16,667	13,940	varies	\$30,878	varies	5	127.73	652.17
Low Income Water/Energy Direct Install	RHA/PGE Inter-Utility Direct Install Program	\$40,000	122	varies	\$96,741	0.0425	20	5.19	103.7
CII/LL Rebates	Commerical Rebates	\$13,333	292	varies	\$51,986	n/a	n/a	n/a	n/a
CII and Large Landscape Conservation (Surveys)	CII & LL Audits (In House and Vendor)	\$25,000	17	varies	\$9,775	0.66	5	11.22	56.1
Residential Rebates	Turf Removal	\$50,000	38,005	30	\$77,782	0.00013	5	4.94	24.70
Partnership/Research	Framework Geospatial Analysis	\$12,784		varies	\$64,175				
Memberships	CALWEP	0	2,806	n/a	\$2,857	n/a	n/a	n/a	n/a
Memberships	Regional Water Authority	0	n/a	n/a	\$39,370	n/a	n/a	n/a	n/a
Total		\$269,451			\$571,698			156.76	875.07

Conservation Coordinator (Staffing)

In 2022, California American Water's Sacramento District funded two full-time Conservation Representative positions and hired one conservation intern. Each conservation position was funded out of the local district labor expense account.

The conservation staff continued in-depth water efficiency phone consultations and resumed in person residential Water Wise House Calls, CII (Commercial Industrial & Institutional) and LL (Large Landscape) Audits, analyzed meter data logging technology to assist customers with evaluating difficult to diagnose high water bills, performed daily call backs to customers that received a service order related to leak investigation and unexplained high usage typically related to outdoor watering or hidden leaks. Staff supported the administration aspects of the conservation programs by managing project analyses, responding to customer conservation inquiries, conducting water waste patrols to promote water efficiency education, followed up and tracked drought violations, presented in depth leak detection and watershed approach landscape webinars, managed and tracked inventory supplies such as low flow devices, conservation equipment, educational materials, and assisted customers with rebate application processing. In addition, staff assisted with customer outreach programs that publicized water efficiency programs available to them through the company and collaborated partnership programs.

California American Water resumed community service booths in 2022 with conservation information and take-home items available that include leak detection kits, positive shut off hose nozzles, shower timers, low flow aerators, soil moisture meters, five-minute shower timers, tree watering rings, Homeowner's Guide to WaterSmart Landscapes, practical plumbing handbook, helpful conservation tools, and conservation program material. The staff attended eight community events, promoted twenty-four online educational webinars, responded to 4,086 customers throughout the year and gave out 33,000 items that support water conservation efforts.

California American Water's conservation team reintegrated its popular conservation Water Wise House Call program throughout 2022 and provided 192 residential surveys and 17 commercial and large landscape audits. The popular program continued with Water Wise phone consultations with an option to speak virtually when customer chose to do so or scheduled an onsite in-depth evaluation with a conservation specialist. This enabled customers to make an appointment with the conservation professional to discuss their home or business water usage, potential water saving opportunities, meter data usage reports, get guidance on how to perform DIY leak checks to potentially allow customers to spot water waste and leaks on the property.

On-site indoor and outdoor visits were conducted by trained professionals.

During the Water Wise House Call Phone Consultation and site audits, California American Water identified common inefficiencies and water waste in many of the Sacramento residences and businesses. The most common issues were:

- Broken or outdated high flow sprinkler heads and leaking irrigation control valves.
- Irrigation controllers set for long runtimes or malfunctions of outdated equipment.
- Toilet, faucet, and tub spout leaks
- Seized or leaking water supply shut off valves to home and or sprinkler systems.
- Overwatering of grass without proper controller management tools

California American Water customers that contacted our centralized Call Center to request a scheduled field service leak investigation received an additional follow up call from the conservation staff within 24-48 hours after the order was completed. The American Water's Business Performance Email Management System (BPEMS) generated 396 (BPEMS) that the Sacramento Conservation Department received and processed in 2022. Each customer received a DIY leak kit, that included a California Edition practical plumbing handbook, with pictorial and written directions on how to investigate and repair leaks, toilet leak detection tablet kit, sprinkler radius screwdriver, educational handouts depicting water conservation savings with tips, resources related to indoor and outdoor water savings, and provided a Billing Adjustment Request Form to help offset high usage billing concerns.

Public Information Partnership Program

California American Water continued its California American Water Facebook page to keep contacts informed about conservation efforts. The page provides timely conservation tips and news about upcoming events, drought updates and water saving promotions.



EMAIL BLASTS & SOCIAL MEDIA

California American Water continued encouraging customers to maintain high levels of conservation and provided educational emails on what conservation resources and activities customers could undertake.

Outreach included more than thirty emails throughout the year on conservation-related topics. Emails covered Fix-a-Leak Week, Earth Day, conservation tips, understanding water rates, watering schedules and reminders to turn off sprinklers when it rains. Twenty social media messages also focused on turning off sprinklers due to the weather, adjusting irrigation controllers as needed, saving water in relation to water rates, and other generic water conservation tips and suggestions. One email and two social media messages targeted commercial customers regarding emergency conservation regulations and another email covered emergency water use prohibitions for all customers. Additional emails provided details on offers for conservation-related devices, such as smart water-use monitors, smart sprinkler controllers and high-efficiency toilets. Urgent emails regarding reducing use due to energy flex alerts and treatment plant work were also sent to customers. Of the many emails, 24 emails invited customers to participate in webinars that taught a variety of ways of conserving outdoors while providing local resources to assist them with doing their part to save water. Lastly, weekly emails were sent to new customers that included conservation tips and reference information.



RADIO SPONSORSHIP

Radio advertising from March to October on the Sacramento-area National Public Radio station supported the conservation tip messaging.

BILL INSERTS & HANDOUTS

Three bill inserts were sent to customers statewide. Topics included watering restrictions, turning off sprinklers when it rains, and outdoor conservation tips. Corresponding bill messaging and images supported the outdoor conservation messaging as well as a stand-alone handout. An image that focused on emergency water conservation regulations for commercial customers was also featured in customer billing.

Doorhangers informing customers of water-use violations were created and distributed as needed. Customer Assistance Program information was sent to customers to participate in a free high-efficiency toilet direct installation and leak assessment that was managed by Richard Heath & Associates.

Six postcards were sent to customers on various conservation-related topics, such as mandatory water-use restrictions, commercial customer water conservation regulations, free water saving tools and low flow devices, and watering schedules. As new customers across the state were added to the California American Water system, they were also sent welcome booklets that included water-saving tips and information on California American Water's conservation services.



California American Water is a member agency with Sacramento’s Regional Water Authority (RWA) to bring customers in the Sacramento region successful and proven water efficiency programs. These programs promote common water efficiency messages and incentives to customers. The water efficiency programs also aids participating agencies in their implementation of water conservation and efficiency requirements for state and federal grants, provides regional strategy to preserve local water resources, network and share best practices, leverage dollars with other regional utilities and partners, maximize advertising dollars for broad and consistent customer outreach, provides regional school education program and developed and promotes a regional customer-facing website – BeWaterSmart.Info. RWA provides common messaging and branding, media buys, marketing (i.e., TV and Radio ads, PSA’s) Partnering with popular online gardening influencers, Green Acres Garden Podcast and Marlene Simon “The Plant Lady,” Sacramento River Cats and MOSAC Water Efficiency Exhibits bring a bonus exposure to the region and provide additional water efficiency resources for customers in our region.



TELEVISION



BILLBOARDS digital and static

Across multiple district California American Water provided classroom webinar series conducted by WaterSense partners, local landscape professionals, G3 (Green Gardens Group), Blue Watch Dog, and Green Media. The Sacramento district participated in twenty-two Water Efficiency Landscape webinars and two Leak Detection workshops promoting EPA (Environmental Protection Agency) WaterSense Fix-A-Leak Week. These webinars were directed to residential customers

which generated nearly 7,000 participants to register to learn more on how to save water, reduce water waste and increase water efficiency in the landscape.

This partnership program developed foundational activities with a creative spin which assisted our vendor G-3 Green Gardens Group with the honored 2022 WaterSense Partner of the Year Award for its dedication to helping customers and business save water. This partnership produced and advertised bi-monthly webinar themes to capture the customers' attention.

- Watershed Landscape During Drought
- Irrigation Basics
- Garden Design Workshop
- Leak Detection for indoors and outdoors
- Turf Exchange & Maintenance
- Deciphering Your Irrigation Controller
- Drought Resilient Lawn Care
- Fundamentals of Drip Irrigation
- Planters: Raised & In Ground
- Beautiful Gardens Even in Drought
- Coming Up Roses, Even During a Drought
- Irrigation & Water Use Efficiency
- Protecting The Trees
- Rainwater Capture, Graywater, Weed & Pest, and Composting-Building the Soil Sponge

School Education Program

California American Water's Sacramento District contracted AM Conservation Group to implement a Spring/Fall LivingWise Education Program. This school-based water and energy efficiency education program is designed to generate immediate long-term resource savings by bringing interactive, real-world education home to students and their families. The program physically begins with classroom discussions using a Student Guide that provides the foundations of using water and energy efficiently. It is followed by hands-on, creative, problem-solving activities led by the classroom teacher. The program was implemented in the Sacramento service area by 424 teachers, 5th grade students, and reached 1214 students their families, delivered 3,462 low flow devices such as showerheads, bathroom and kitchen aerators, and leak detection tablets.

In addition, the Sacramento district supported Sacramento SPLASH, a nonprofit organization dedicated to helping local children understand the value of their natural world through science and education. Sacramento SPLASH partnered with local energy and water utilities to provide 30 students that live in disadvantage communities an opportunity to attend their Youth Environmental Leadership Camp. We supported the program by providing water conservation literature, Mr. Leaky educational workbooks, water saving tip color books, pencils, water bottles, water drip rulers, and duck bags for students that participated in their programs in 2022.



California American Water’s Sacramento District also participated in Sacramento’s Regional Water Authority (“RWA”) school outreach programs as part of the Regional Water Efficiency Program. The program includes core activities such as public information, school education, marketing coordination, media buys and marketing (i.e., TV and Radio ads), The program has hosted the Water Spots Video Contest for high school and middle school students since 2012. The Water Efficiency Program provides a new contest theme each year and provides the region’s teacher and students with relevant facts and images to help develop 30 second video PSAs. The 2022 theme **“When in Drought...take action to reduce water use”** was developed as California headed into yet another severe drought, and the Governor's request to Californians to reduce their water use. The contest includes several stages of voting: After a review team of efficiency experts pre-screened the videos, they are reviewed and scored by expert judges scores are based creativity, entertainment value, accuracy. Winners were presented with cash prizes during a special presentation at their school and the grand prize winner video was shown for one month at local movie theaters.



Residential Water Surveys

California American Water’s Sacramento District performed 192 residential Water Wise Evaluations and conservation phone consultations in 2022. Surveys include a detailed assessment of the indoor and outdoor usage, an individualized water budget, recommended monthly irrigation schedule, as well as a comprehensive survey package with applicable water saving devices, tools, (water and energy), and educational material. All survey data and information are collected and maintained in a database to allow for easy tracking of water saving opportunities and to obtain a district saturation profile for high efficiency appliances, fixtures and other water saving devices.

Water Waste Patrols

California American Water’s Sacramento District has been performing regular Water Waste Patrols alerting customers of leaks, excessive run off or irrigation timers that run during mid-day hours. The Water Waste Patrols are performed by in-house staff and tracked for reporting purposes.

California American Water provides different options for customers to report water waste concerns which can be sent directly to the company and staff (i.e., website, hotline). California American water followed up on 599 water waste notifications. Conservation staff investigates each report to help reduce water consumption in our districts. Customer education is a driving force to our program and each customer is offered the home water survey program with a focus on river friendly landscaping techniques and technology. Conservation staff from the Sacramento District has been handing out water efficiency information, providing irrigation tips, soil improvement tips, river friendly landscape conversion ideas, low flow devices for indoor and outdoor to assist customer with overall water reduction for their property.

California American water follows the statewide Water-Use Restrictions implemented during drought conditions set by the California State Water Resource Board and the Governors executive order to reduce water use. Our focus is to educate customers to learn that “Water Conservation as a Way of Life, and Conserving is Better Together!

Outdoor guidelines in Effect

1. No watering during or for 48 hours after rain.
2. No washing down sidewalks and driveways.
3. No runoff onto sidewalks and driveways
4. Hoses must have an automatic shut-off nozzle when washing vehicles.
5. Fountains must recirculate water or use recycled water.

6. Band on watering Non-Functional turf in the commercial sector

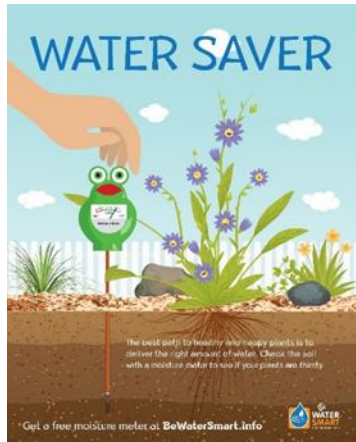
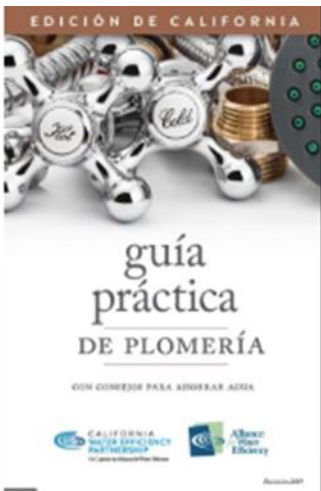
Customers are provided mandatory outdoor watering schedule based on Odd and Even Numbered Addresses with suggested watering times.








Additional Outdoor watering suggestions

- Water before 9:00AM and After 8:00PM to reduce evaporation.
- Limit outdoor watering to a total of 15 minutes per station per allowed day.
- Low-flow irrigation systems (including drip irrigation and micro-spray) that emit less than two gallons per hour are exempt from day of week and time limitations.

Residential Plumbing Retrofit

California American Water provides customers various water saving devices including five-minute shower timers, EPA WaterSense showerheads, faucet aerators (kitchen and bathroom), toilet leak detection tablets, garden hose spray nozzles, soil moisture meter, sprinkler radius screwdriver, drip conversion kits, tree watering rings, drip measuring cups, and flow rate measuring bags, educational pamphlets, landscape guidebook and a detailed practical plumbing handbook that is offered in Spanish and English. In the heights of the drought additional water saving products and rebates were offered to reduce water usage in the district. In 2022, the Sacramento district provided 13,940 water-saving devices and 33,015 items that focused on services, customer service, educational pamphlets and booklets with water reduction messaging and water efficiency programming. The devices and informative materials are designed to help residential customers upgrade their indoor water use fixtures, identify leaks, reduce water waste, and improve outdoor water usage in their landscape. Free devices and materials are provided to customers upon request at community events and meetings, office walk-ins, customer call-ins, water waste patrols, operational service order calls, and during the home water survey program.



-  Kitchen sink aerators
-  Bathroom sink aerators
-  High efficiency showerheads
-  Garden hose nozzles
-  Toilet leak detectors (Kit)
-  Soil moisture meters
-  Auto shut-off hose timers



The following devices were provided in 2022:

Table 11: Sacramento Plumbing Retrofit Devices

Table 11. Sacramento District: Residential Plumbing Retrofit- Detail							
Name of measure, as listed in Decision or Settlement	# of units distributed	\$ per unit, activity, etc.	Total \$ spent 2022	Estimated water savings per unit/year (AF)	Unit lifespan	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Showerheads 1.5 GPM	2,152	\$4.98	\$1,390	0.0115	5	24.75	123.75
Bathroom Faucet Aerators (0.5 to 1.0 gpm)	2,413	\$0.62	\$186	0.028	5	67.56	337.82
Kitchen Faucet Aerators (1.5 gpm)	1,812	\$2.05		0.017	5	30.39	151.95
Drip Gauge	90	\$0.28		unknown	5	unknown	unknown
Leak Detection Kits	3,325	\$1.17	\$3,198	0.0007	5	2.33	11.65
5 Min. Shower Timer	1,000	\$2.25	\$2,250	unknown	-	unknown	unknown
Flow Rate Measurer Bag	70	\$0.12		unknown	-	unknown	unknown
FLUME Smart Monitor	96	100	\$10,440	0.02	10	2.7	27
Tree Watering Ring	62	\$10.80	\$2,322	unknown	5	unknown	unknown
Sprinkler Radius Tool	1,068	\$1.38	\$6,176	unknown	-	unknown	unknown
Garden Hose Timers	320	\$9.05	\$2,715	unknown	5	unknown	unknown
Garden Hose Nozzle	909	\$4.10	\$4,100	unknown	5	unknown	unknown

Soil Moisture Meter	828	\$2.56	\$640	unknown	5	unknown	unknown
Water Efficiency Education Material	15,123	\$2.16	\$8,001	unknown	5	unknown	unknown
	29,268		\$41,418			127.73	652.17

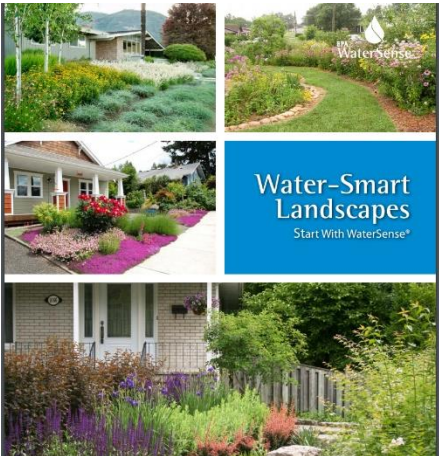
Low-Income Direct Installation Program

A Joint Water/Energy Low-Income Direct Installation Program continued in the Sacramento District in 2022. The program is a jointly funded partnership program with mutual customers of California American Water and Pacific Gas and Electric. The program installs water and energy savings upgrades and retrofits free of charge at low-income customers’ homes. The program provisions for retrofitting low-income customers in California American Water’s Sacramento, Oakhurst, Merced, Santa Rosa, San Diego, Ventura, Los Angeles, and Monterey districts throughout 2022 with a sizable portion of participating customers living in disadvantaged communities. The program reached 144 customers who were assessed in Sacramento, Merced, and Oakhurst service area. 149 toilet dye tab test performed, 167 outdated toilets replaced with High Efficiency 0.8GPF toilets, 129 Water Efficiency Kits distributed, including 5-minute shower timers, and hose nozzles. Each customer is also provided with a basic outdoor assessment to identify leaks and water savings. The assessment includes a meter check, leak detection dye tablet test, and installation of high efficiency toilets when needed. Additional items replaced with the program included angle stop replacement, flange repair, or replacement of toilet flappers. A random selection of participating customers was surveyed about the program and responses indicated 100 percent customer satisfaction with installed measures and overall satisfaction with the program.

Residential and Commercial Rebates (California American Water in-house rebates)

In the Sacramento District, rebates for residential properties continued due to the governor's announcement of severe drought conditions and the State Water Resources Control Board adopting emergency regulations that included reduction of outdoor watering for all California Residences and water suppliers were mandated to implement stage 2 of their water shortage contingency plans. California American Water processed 30 Residential Turf Exchange Rebates; 2 commercial large landscape conversion rebates and due to severe drought conditions Sacramento district partnered with member agency California Water Efficiency Partnership (CalWEP) and provided 272 rebates for the WaterSense labeled Rachio weather-based controller and 97 FLUME Water Home Smart Monitor and Leak Detector.

The Water-Smart Landscape Turf Exchange rebate is based on EPA Water-Shed approach to landscaping practices and aligns with our customer education Landscape webinar series that were presented across the state. The free professional designs were offered to all customers that inquired about landscape projects and rebates and were accessible on the conservation webpage. Each landscape design has a plant list, low volume drip irrigation layout, and 3–5-minute tutorial videos that provide detailed instructions on how to install water efficiency landscape on their own. Sacramento Residential that participated in the Turf Rebate program, removed more than 38,005 square feet of turf from their property.



Commercial Rebates were still offered to non-residential customers. California American Water continued to promote the EPA Water-Smart Landscape Turf Exchange rebate and processed 2 commercial large landscape rebates resulting in the removal of over 12,000 square feet of turf and replaced with beneficial water efficiency landscape materials.

These upgrades replaced existing outdated controller equipment with weather smart technology that allows the irrigation systems to water based on current weather patterns. The updated technology and grass removed will provide immediate savings that will reduce water waste run off from sloped grass areas.



Additional rebates were offered to commercial customers such as high-efficiency rotary nozzles, clothes washers, weather-based irrigation controllers, weather sensors and processed 17 high efficiency toilets.

CII & Large Landscape Audits

California American Water’s conservation provided free Commercial (“CII”) and Large Landscape Audits. Sacramento’s conservation team members relied on outside vendors to conduct free large landscape (“LL”) audits to non-residential customers during high demand conditions. CII audits include a detailed onsite evaluation of the facility, water use patterns, meter data log retrieval, indoor water use measurements of fixtures, and a summary of recommendations specific to the property to help reduce water consumption. Staff continued to provide in-depth phone consultation with facility managers to assist with troubleshooting water usage and how to conduct water leak tests on the property. Large landscape (LL) audits include a detailed outdoor assessment of irrigation equipment with flow rates of individual sprinkler zones, three-year usage comparison chart, and the creation of a site-specific water budget with irrigation schedule. In 2022, 17 commercial and large landscape audits were completed.

Irrigation with a Pro



Larkfield/Sonoma County District

The programs funded through California American Water’s authorized conservation budget are shown below:

Table 12. Larkfield District: Conservation Programs

Table 12. Larkfield District: Conservation Programs									
Name of measure, as listed in Decision or Settlement	Description of measure	Authorized budget 2022	# of units / activities	\$ per unit, activity, etc.	Total \$ spent	Estimated water savings per unit/year (AF)	Unit lifespan (years)	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Public Information programs	Advertising, PSAs, Community Events	\$3,333	69	n/a	\$6,105	n/a	n/a	n/a	n/a
School Education programs	Conservation booklets and handouts	\$533	0	n/a	\$-	n/a	n/a	n/a	n/a
Residential Water Audits	Residential audits (in-house and vendor)	\$3,000	5	Approx. \$250	\$400	0.04	5	0.2	1
Low Flow Fixtures (see table 13)	Conservation devices	\$1,667	808	varies	\$3,920	varies	5	2.97	16.57
Washer Rebates	Rebates	\$1,333	-	500	\$-	n/a	n/a	n/a	n/a
Low Income Water/Energy Direct Install	RHA/PGE Inter-Utility Direct Install Program	\$2,000	20	varies	\$11,099	0.0425	20	0.85	17
CII and Large Landscape Conservation (Audits)	CII & LL Audits	\$2,333	2	varies	\$1,105	0.66	5	1.32	6.6
CII Rebates	Rebates	\$1,667	21		\$3,456				
Memberships	CalWEP	\$-	1		\$-	n/a	n/a	n/a	n/a
New Framework Geospatial Analysis	Eagle Aerial	\$672	0	varies	\$-	n/a	n/a	n/a	n/a
Total		\$16,538			\$26,085			5.34	41.17

Conservation Coordinator (Staffing)

In 2022, California American Water’s Larkfield District funded one full-time Operation Specialist position. The Operation Specialist position was funded out of the local district labor expense account and assisted with conservation program.

Public Information Program

In 2022, California American Water's Larkfield District has participated in a variety of public outreach meetings, community events, educational campaigns and continued its California American Water Facebook page to keep contacts informed about conservation efforts. California American Water continued encouraging customers to maintain high levels of conservation and provided educational emails on what conservation resources and activities customers could undertake. Topics included watering restrictions, turning off sprinklers when it rains, and outdoor conservation tips. Corresponding bill messaging and images supported the outdoor conservation messaging as well as a stand-alone handout. An image that focused on emergency water conservation regulations for commercial customers was also featured in customer billing.

BILL INSERTS, EMAILS & HANDOUTS

In 2022, Larkfield customers were notified via email about free water smart landscape classes, to encourage outdoor water efficiency. Customers were invited to attend twenty-four free classes to learn new ways to conserve through outdoor landscaping and indoor leak detection.

California American Water alerted all customers to existing programs, such as residential audits, residential rebates, conservation device giveaways, as well as highlighting the turf exchange program that was developed in response to extreme drought conditions and the governors mandatory executive order to implement stage two of the agencies water shortage contingency plan. The Company produced five mailers, three bill inserts, thirty-six E-Blast with that focused on water reduction incentives, water efficiency landscape conversion projects and leak detection awareness webinars.

Doorhangers informing customers of water-use violations were created and distributed as needed as well as various conservation-related topics, such as mandatory water-use restrictions, and notices to commercial customer water conservation regulations.

Public Outreach and events are funded through California American Water's conservation surcharge, as well as through general rates collection as part of the operations budget. Those expenses under the conservation surcharge include educational and water saving materials, displays and informative giveaways, conservation related bill inserts and mailers, and special outreach letters to customers on water conservation and drought regulations.



Fall is here, and that typically means cooler and wetter weather is ahead. Even when there is more rain, we ask you to please continue to save water. An easy way to conserve water during wet weather is to turn off automatic irrigation systems during and for 48 hours after any rainfall. Not only do you save water and money by not watering when it rains, but you prevent overwatering your plants. Let the weather do your watering.

SAVE EVEN MORE THIS FALL & WINTER

With rain in the forecast, you can save even more by capturing rainwater, installing a rain sensor and checking for leaks. Your wallet and plants will thank you!



HARVEST RAINWATER

Capture rainwater from your roof and store it in a tank or cistern. The water can then be used in the dry season to water your landscape while keeping your water bill low.



INSTALL A RAIN SENSOR

Rain sensors signal your irrigation controller to stop watering when it's raining and resume watering when needed.



CHECK FOR OUTDOOR LEAKS

Check your irrigation system for leaks. Examine the spigot where your garden hose connects to make sure there are no drips. If you see any, replacing the hose washer to ensure a tight connection may do the trick. Call a plumber to make any necessary repairs immediately.

FOR MORE INFORMATION

For more conservation information and available rebates for water-saving devices and appliances, please visit californiaamwater.com > Conservation.

IT'S OFFICIAL: DROUGHT EMERGENCY DECLARED FOR SONOMA COUNTY

Sonoma County is officially in a drought. California American Water is monitoring the situation closely and will take further action as needed. In the meantime we are asking our customers to take practical steps to reduce water use, follow our three-day-a-week watering schedule, and avoid prohibited uses of water.

SUGGESTED OUTDOOR WATERING SCHEDULE	
ODD-NUMBERED ADDRESSES Tuesdays, Thursdays & Saturdays	EVEN-NUMBERED ADDRESSES Wednesdays, Fridays & Sundays
NO WATERING ON MONDAYS. WATERING IS LIMITED TO THREE EVENTS PER WEEK.	
<ul style="list-style-type: none"> • Avoid overwatering – please water outdoors before 10:00 a.m. or after 6:00 p.m. • Watering is limited to a limit of 1/2" (one-half inch) per session per allowed day. • Use flow regulators, bubblers, drip irrigation and other devices that limit water flow to reduce per hour and overall flow. See us at one of our Water Workshops. 	

PLEASE KEEP CONSERVING

You may have heard that on January 4, 2022, the State Water Resources Control Board passed an emergency prohibition on wasteful uses of water. They may seem familiar because they are the same common sense rules California American Water asks its customers to follow. So far this winter, California has seen lots of rain and snow. That's a good thing, but we won't know if it's enough to lift some parts or all of the state out of the current drought.

PLEASE KEEP CONSERVING AND FOLLOW THESE MEASURES

- Eliminate runoff from sprinklers and irrigation off the property
- Use an automatic shut-off nozzle on hoses while washing cars
- Do not irrigate or water outdoors for 48 hours after (15+ inch or more of) rain
- Do not use potable water for non-recirculating fountains, ponds and water features
- Do not use potable water to wash driveways and other hardscapes

WE'RE HERE TO HELP!
Click here for your district's conservation resources.

California American Water investigates reports of water waste and works with customers to help them correct problems.

[CLICK HERE TO REPORT WATER WASTE](#)

SERVICE. ONE MORE WAY WE KEEP LIFE FLOWING.

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888.337.1353

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FOR BILL PAYMENTS, PLEASE USE THE ADDRESS ON YOUR BILL.
Want to change how you receive these emails?
You can update our preferences or unsubscribe from this list.

School Education Program

California American Water Larkfield district offers water conservation education material to schoolteachers and students upon request. In 2022, drought conditions increase our customer call volume and hinder the success of our school education programs. The outlook is promising for 2023 as drought conditions have lessened giving staff more time to implement a successful outreach program.

Residential Water Audits

California American Water's Larkfield District contracted with WaterWise Consulting, Inc to provide free residential audits for single and multi-family properties. The audits include a detailed assessment of the indoor and outdoor usage, an individualized water budget, recommended monthly irrigation schedule, as well as a comprehensive audit package with applicable water savings devices, (water and energy) rebate application forms, and educational material. In 2022, WaterWise Consulting was challenged with staffing due to drought demands on the state and performed zero audits in the Larkfield district. However, in-house Operations staff assisted in leak investigations, pre-post turf inspections and conservation follow-ups to meet the customers' demands to reduce water waste and improve water efficiency.

Residential and Commercial Rebates

In the Larkfield District, many of our customers receive sanitary service from Sonoma County Water Agency (SCWA) and are eligible for their rebate programs.

California American Water partnered with member agency California Water Efficiency Partnership (CalWEP) to implement two instant rebates in response to the drought conditions. The EPA WaterSmart product FLUME Smart Home Monitor, and Rachio3 Smart Controller were rebated.

Low Income Direct Install Program

In 2022 California American Water continued its partnership with Richard Heath & Associates (RHA) together with PG&E on a Joint Water/Energy Low-Income Direct Installation Program in the Larkfield District. The program is a jointly funded partnership program with mutual customers of California American Water and Pacific Gas and Electric. The program installs water and energy savings upgrades and retrofits free of charge at customer assistance program (CAP) customers' homes. In 2022 RHA conducted thirty-two outdoor assessments and installed twenty ultra-high efficiency toilets for fifteen customers, resulting in a water savings of 620,368 gal/yr. and an embedded energy savings of 776 kWh. The program savings were based on ultra-high efficiency toilets, five-minute shower-timers, and positive shutoff hose nozzles.

Residential Plumbing Retrofit

California American Water provides customers various water saving devices including showerheads, faucet aerators (kitchen and bathroom), toilet leak detection tablets, garden hose spray nozzles, soil probes, water buckets, and educational pamphlets. These devices and informative materials are designed to help residential customers upgrade their indoor water use fixtures, identify leaks, and improve outdoor water usage for car washing and irrigation. The devices and materials given to customers upon request at community events and meetings, office walk-ins, customer call-ins, through the home water survey program and landscape online seminar series.

The following devices were provided to Larkfield area customers in 2022:

Table 13. Larkfield District: Plumbing Retrofit Detail

Table 13. Larkfield District: Residential Plumbing Retrofit- Detail							
Name of measure, as listed in Decision or Settlement	# of units provided	\$ per unit, activity, etc.	Total \$ spent	Estimated water savings per unit/year (AF)	Unit lifespan	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Showerheads	64	\$4.72	\$-	0.0115	5	0.74	3.68
Kitchen Faucet Aerators(1.5 gpm)	60	\$2.05	\$-	0.0017	5	0.10	0.51
Bathroom Faucet Aerators(0.5 to 1.0 gpm)	60	\$0.62	\$-	0.028	5	1.68	8.40
Drip Measureing Gauge	0	\$0.28	\$-	unknown	5	unknown	unknown
Leak Detection tablets	162	\$0.14	\$-	0.0007	5	0.11	0.57
5 Minute Shower Timer	111	\$2.25	\$-	0.0000296	5	0.0032856	0.016428
Rain & Sprinkler Gauge	30	\$1.35	\$-	unknown	-	unknown	unknown
Hose spray nozzle	120	\$4.10	\$-	unknown	5	unknown	unknown
RACHIO Controller	21	\$125.00	\$3,456	unknown	5	unknown	unknown
FLUME	17	\$100.00	\$3,920	0.02	10	0.34	3.4
Soil Probe	95	\$2.56	\$-	unknown	5	unknown	unknown
	740		\$7,375			2.97	16.57

CII & Large Landscape Audits

California American Water’s Larkfield District contracted with WaterWise Consulting, Inc to offer free CII and large landscape (“LL”) audits to non-residential customers. CII audits include a detailed onsite audit evaluating the facility, water use patterns, indoor water use, and summary of recommendations specific to the property. LL audits include a detailed outdoor audit and the creation of a site-specific water budget and irrigation schedule. In 2022, no CII or LL audit were completed in the Larkfield service area. Funding was allocated to assist customers who wanted to participate in the turf exchange program resulting in removing 1,474 square feet of thirsty turf.

Meadowbrook/Merced County District

The programs funded through California American Water’s authorized conservation budget are shown below:

Table 14. Meadowbrook District: Conservation Programs

Table 14. Meadowbrook District: Conservation Programs									
Name of measure, as listed in Decision or Settlement	Description of measure	Authorized budget 2022	# of units / activities	\$ per unit, activity, etc.	Total \$ spent	Estimated water savings per unit/year (AF)	Unit lifespan (years)	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Public Information programs	Advertising, PSAs, Community Events	\$16,667	63	n/a	\$3,962	n/a	n/a	n/a	n/a
School Education programs	Conservation booklets and handouts	\$3,333	0	n/a	\$-	n/a	n/a	n/a	n/a
Residential Water Audits	Residential Audits (In-house and Vendor)	\$8,333	0	n/a	\$-	n/a	5	n/a	n/a
Low Flow Fixtures	Conservation Devices	\$5,833	336	varies	\$-	n/a	5	2.46	12.32
Low Income Water/Energy Direct Install	RHA/PGE Inter-Utility Direct Install Program	\$10,000	35	varies	\$16,423	0.0425	20	1.4875	29.75
CII Rebates	Non-Residential Rebates	\$3,333	2	varies	\$2,936	n/a	10	n/a	n/a
Total		\$50,000			\$23,321			3.95	42.07

Conservation Coordinator (Staffing)

California American Water’s Meadowbrook District does not have a dedicated conservation staff person but is assisted by Sacramento’s conservation team and Meadowbrook field service representative and supervisor. Each employee position was funded out of the local district labor expense account.

Conservation staff provided in-depth water efficiency phone consultation and offered onsite residential Water Wise House Calls, CII, (Commercial Industrial & Institutional) and LL (Large Landscape) Audits, analyzed meter data logging technology to assist customers with evaluated bills that were difficult to diagnose. In addition, when needed conservation staff conducted customer follow-up calls after a leak investigation and unexplained high usage was noted typically related to

outdoor watering or hidden leaks. Field service representatives also troubleshooted leaks and provided conservation devices during the leak investigation service orders.

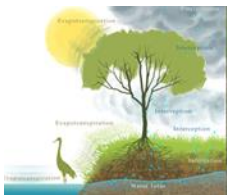
Conservation Initiatives in Meadowbrook 2022

California American Water’s Meadowbrook service area benefited from the Company’s expansive conservation program portfolio in 2022 and participated in a joint Water/Energy Low-Income Direct Installation Program managed by Richard Heath & Associates (RHA) and jointly funded by Pacific Gas & Electric (PG&E). In 2022, RHA conducted twenty outdoor leak assessments, performed forty toilet dye tab assessments, installed thirty-five (0.8 GPF) Ultra High Efficiency Toilets (UHET), repaired five flanges, replaced three toilet flappers, and provided forty (5-minute) shower timers and hose nozzles. The Low-Income Direct Install program resulted in a water savings of 840,953 gal/yr. and an embedded energy savings of 909 kWh.



California American Water Meadowbrook district expanded the conservation incentive program for all customers due to the severe drought conditions and mandatory state regulations announced by the governors call to action to implement statewide stage 2 watering restrictions noted in the utilities water shortage contingency plans. Customers were offered instant Rachio3 EPA WaterSense controller rebate that was managed online by our member agency California Water Efficiency Partnership, a chapter of the Alliance for Water Efficiency. In addition, Meadowbrook customers were offered to attend 22 Watershed Landscape webinars and two leak detection webinar that were held twice a month throughout 2022. The popular webinar series generated nearly 7,000 registered participants.


Webinar Program Topics included but not limited to:



- Beautiful Gardens even in Drought
- Irrigation Basics
- Garden Design Workshop
- Leak Detection for indoors & outdoors
- Drought Resilient Lawn Care
- Fire-Scaping: Reducing the Vulnerability
- Rainwater Capture
- Greywater systems
- Weeds & Pest prevention
- Composting-Building the Soil Sponge

Water Smart webinars informed participants about Conservation programming in their local area. Participants were offered free low flow devices, leak detection kits, professional Water Wise House Calls, leak detection troubleshooting tips and other water efficiency incentives to help reduce water waste and improve water efficiency on their property.

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CONSERVE WATER OUTDOORS

Join us for a FREE conservation class via Zoom to take your landscape to the next level. Join us on **January 25** to learn about designing a yard using the principles of watershed wise landscaping.

[CLICK HERE TO REGISTER](#)



WATERSHED WISE LANDSCAPING
TUESDAY, JANUARY 25, 7-8 P.M.

You'll learn four principles of gorgeous and watershed wise landscaping:

1. Build a healthy living soil sponge
2. Hold rainwater on your property
3. Select local, native plants that minimize water use and maximize biodiversity
4. Control your irrigation


The class is free, but **registration is required**.

SERVICE. ONE MORE WAY WE KEEP LIFE FLOWING.

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BUILDING HEALTHY SOIL

Join us for a free online class about building healthy soil in your garden, presented by Green Gardens Group via Zoom. Learn valuable information about how to make compost and use it in your landscape. The class is free, but registration is required.



[CLICK HERE TO REGISTER](#)

Compost: Building the Soil Sponge
Thursday, November 3, 6-7 P.M.

Compost plays a crucial role in building the health of the soil and supporting a thriving, drought-resilient landscape. Join us and learn about:

- The 'soil party' and the relationship between plants and soil
- Different types of compost and how to make it
- Sheet composting after turf removal
- Alternative soil amendments

CONSERVATION. ONE MORE WAY WE KEEP LIFE FLOWING.

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Residential Plumbing Retrofit

The following devices were provided in 2022:

Table 15: Meadowbrook Plumbing Retrofit Devices

Table 15. Meadowbrook District: Residential Plumbing Retrofit- Detail							
Name of measure, as listed in Decision or Settlement	# of units provided	\$ per unit, activity, etc.	Total \$ spent 2022	Estimated water savings per unit/year (AF)	Unit lifespan	Estimated Annual measure savings (AFY)	Estimated Lifetime measure savings (AF)
Showerheads	60	\$4.98	\$0	0.0115	5	0.69	3.45
Bathroom Faucet Aerators (0.5 to 1.0 gpm)	60	\$0.62	\$0	0.028	5	1.68	8.40
Kitchen Faucet Aerators (1.5 gpm)	30	\$2.05	\$0	0.0017	5	0.05	0.26
Drip Gauge	0	\$0.28	\$0	unknown	5	unknown	unknown
Leak Detection Kits	61	\$1.17	\$0	0.0007	5	0.04	0.21
Hose Timers	0	\$9.05	\$0	unknown	5	unknown	unknown
5 Minute Shower Timer	40	\$2.25	\$0	unknown		unknown	unknown
Water Efficiency Measurer Bag	0	\$0.12	\$0	unknown	-	unknown	unknown
Hose spray nozzle	51	\$4.10	\$0	unknown	5	unknown	unknown
Soil Moisture Meter	32	\$2.56	\$0	unknown	5	unknown	unknown
Water Efficiency Education Material	46	\$2.16	\$0	unknown			
Total	380		\$0			2.46	12.32

Public Information Program

BILL INSERTS, EMAILS & HANDOUTS

California American Water continued encouraging customers to maintain high levels of conservation and provided educational emails on what conservation resources and activities customers could undertake.

Outreach included more than thirty-four emails throughout the year on conservation-related topics. Emails covered Drought Conditions, Watering Schedule Restrictions, Fix-a-Leak Week, Earth Day, conservation tips, understanding water rates, watering schedules and reminders to turn off sprinklers when it rains.

California American Water continued its social media Facebook page to keep contacts informed about conservation efforts. The page provides timely conservation tips and news about upcoming events and water issues media messages also focused on turning off sprinklers due to the weather, adjusting irrigation controllers as needed, saving water in relation to water rates, and other generic water conservation tips and suggestions. Additional, communications targeted commercial customers regarding emergency conservation regulations and the statewide ban of watering non-functional turf, another email covered emergency water use prohibitions for all customers. Additional emails provided details on offers for conservation-related devices, smart sprinkler controllers and high-efficiency toilets.

Urgent emails regarding reducing use due to energy flex alerts and treatment plant work were also sent to customers. Of the many emails, thirty-four emails invited customers to participate in webinars that taught a variety of ways of conserving outdoors while providing local resources to assist them with doing their part to save water. Lastly, weekly emails were sent to new customers that included conservation tips and reference information.

CONSERVATION SOCIAL MEDIA



Schedule E-4 Report on Affiliate Transactions

Affiliate includes all related companies including but not limited to Parent, Affiliates, and Subsidiaries.

INSTRUCTIONS:

- * For those utilities with specifically authorized affiliate transaction rules, provide all information required by those rules.
- * For those utilities with no specifically authorized affiliate transaction rules, or those utilities whose authorized affiliate transaction rules do not provide the following information, provide the following:

1. Summary of all transactions between regulated water utility and its affiliated companies for the previous calendar year. The summary shall include a description of each transaction and an accounting of all dollars associated with each transaction although each transaction need not be separately identified where multiple transactions occur in the same account. These transactions shall include:

- | | |
|---|----------------------|
| (a) services provided by regulated water utility to any affiliated company;
Support Services to Hawaii-American Water Company, a subsidiary of AWW.
These services included management, finance, legal, HR, engineering, construction management and environmental | \$ 189,261 |
| (b) services provided by any affiliated company to regulated water utility;
Governance & Corporate Activities (includes finance, HR, admin, audit, legal, business development, investor relations, operations, communications, regulatory and compliance)
Other Business Services (includes call center, lab, supply chain, T&I, facilities, and security) | \$ 6,940,014 |
| Total | <u>\$ 13,923,498</u> |
| (c) assets (both tangible and intangible) transferred from regulated water utility to any affiliated company;
None | |
| (d) assets (both tangible and intangible) transferred from any affiliated company to regulated water utility;
None | |
| (e) employees transferred from regulated water utility to any affiliated company;
1 | |
| (f) employees transferred from any affiliated company to regulated water utility; and
none | |
| (g) financing arrangements and transactions between regulated water utility and any affiliated company.
All financing activities are covered by an agreement between American Water Capital Corporation (AWCC) and California-American Water Company | |
| Total | \$ 20,863,512 |

California-American Water Company - List of Shared Directors and Officers as of June 1, 2023

Personnel Name	Business Entity	Title Role	Title
Bowler, David	California-American Water Company	Officer	Assistant Controller
Bowler, David	Hawaii-American Water Company	Officer	Assistant Controller
Bowler, David	American Lake Water Company	Officer	Assistant Treasurer
Bowler, David	American Water Capital Corp.	Director	Director
Bowler, David	American Water Capital Corp.	Officer	Vice President and Treasurer
Bowler, David	American Water Defense Services, LLC	Officer	Assistant Treasurer
Bowler, David	American Water Enterprises, LLC	Officer	Assistant Treasurer
Bowler, David	American Water Enterprises Holding, LLC	Officer	Assistant Treasurer
Bowler, David	American Water Federal Services, LLC	Officer	Assistant Treasurer
Bowler, David	American Water Military Services, LLC	Officer	Assistant Treasurer
Bowler, David	American Water Operations & Maintenance, LLC	Officer	Assistant Treasurer
Bowler, David	American Water Real Property Holdings LLC	Officer	Vice President and Treasurer
Bowler, David	American Water (USA), LLC	Officer	Assistant Treasurer
Bowler, David	American Water Works Company, Inc.	Officer	Senior Vice President, Deputy Chief Financial Officer and Treasurer
Bowler, David	American Water Works Service Company, Inc.	Director	Director
Bowler, David	American Water Works Service Company, Inc.	Officer	President and Treasurer
Bowler, David	AW Insurance, LLC	Officer	President, Treasurer and Manager
Bowler, David	AW Technologies, LLC	Officer	Assistant Treasurer
Bowler, David	AWIP Holdings, LLC	Officer	Senior Vice President and Treasurer
Bowler, David	Bluefield Valley Water Works Company	Officer	Assistant Comptroller
Bowler, David	Edison Water Company	Officer	Assistant Treasurer
Bowler, David	Environmental Disposal Corp.	Officer	Assistant Treasurer
Bowler, David	Environmental Management, LLC	Officer	Assistant Treasurer
Bowler, David	E'Town Properties, Inc.	Officer	Assistant Treasurer
Bowler, David	Illinois-American Water Company	Officer	Assistant Treasurer
Bowler, David	Indiana-American Water Company	Officer	Assistant Treasurer
Bowler, David	Iowa-American Water Company	Officer	Assistant Treasurer
Bowler, David	Kentucky-American Water Company	Officer	Assistant Treasurer
Bowler, David	Laurel Oak Properties Corp.	Director	Director
Bowler, David	Laurel Oak Properties Corp.	Officer	Vice President and Treasurer
Bowler, David	Liberty Water Company	Officer	Assistant Treasurer
Bowler, David	Maryland-American Water Company	Officer	Assistant Treasurer
Bowler, David	Missouri-American Water Company	Officer	Assistant Treasurer
Bowler, David	New Jersey-American Water Company, Inc.	Officer	Assistant Treasurer
Bowler, David	Pennsylvania-American Water Company	Officer	Assistant Comptroller
Bowler, David	Tennessee-American Water Company	Officer	Assistant Treasurer
Bowler, David	TWNA, Inc.	Officer	Comptroller and Treasurer
Bowler, David	Virginia-American Water Company	Officer	Assistant Treasurer
Bowler, David	West Virginia-American Water Company	Officer	Assistant Comptroller
Brunet, Thomas	California-American Water Company	Officer	Officer, Business Development, and VP
Brunet, Thomas	Hawaii-American Water Company	Officer	Officer, Business Development, and VP
Castillo, Kimberly	California-American Water Company	Officer	Officer, Human Resources
Castillo, Kimberly	Hawaii-American Water Company	Officer	Officer, Human Resources
Ciullo, Melissa	California-American Water Company	Officer	Assistant Controller
Ciullo, Melissa	Hawaii-American Water Company	Officer	Assistant Controller
Ciullo, Melissa	American Lake Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	American Water Capital Corp.	Officer	Comptroller
Ciullo, Melissa	American Water Defense Services, LLC	Officer	Assistant Controller
Ciullo, Melissa	American Water Enterprises, LLC	Officer	Assistant Controller
Ciullo, Melissa	American Water Enterprises Holding, LLC	Officer	Assistant Comptroller
Ciullo, Melissa	American Water Federal Services, LLC	Officer	Assistant Controller
Ciullo, Melissa	American Water Military Services, LLC	Officer	Assistant Controller
Ciullo, Melissa	American Water Operations & Maintenance, LLC	Officer	Controller

California-American Water Company - List of Shared Directors and Officers as of June 1, 2023

Personnel Name	Business Entity	Title Role	Title
Ciullo, Melissa	American Water Real Property Holdings LLC	Officer	Assistant Treasurer
Ciullo, Melissa	American Water (USA), LLC	Officer	Assistant Controller
Ciullo, Melissa	American Water Works Service Company, Inc.	Officer	Assistant Controller
Ciullo, Melissa	AW Insurance, LLC	Officer	Assistant Controller
Ciullo, Melissa	AW Technologies, LLC	Officer	Assistant Controller
Ciullo, Melissa	AWIP Holdings, LLC	Officer	Assistant Controller
Ciullo, Melissa	Bluefield Valley Water Works Company	Officer	Assistant Comptroller
Ciullo, Melissa	Edison Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	Environmental Disposal Corp.	Officer	Assistant Comptroller
Ciullo, Melissa	Environmental Management, LLC	Officer	Assistant Controller
Ciullo, Melissa	E'Town Properties, Inc.	Officer	Assistant Comptroller
Ciullo, Melissa	Illinois-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	Indiana-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	Iowa-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	Kentucky-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	Laurel Oak Properties Corp.	Officer	Assistant Comptroller
Ciullo, Melissa	Liberty Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	Maryland-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	Missouri-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	New Jersey-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	Pennsylvania-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	Tennessee-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	TWNA, Inc.	Officer	Assistant Comptroller
Ciullo, Melissa	Virginia-American Water Company	Officer	Assistant Comptroller
Ciullo, Melissa	West Virginia-American Water Company	Officer	Assistant Comptroller
Dana, Jeffrey	California-American Water Company	Officer	Chief Financial Officer, and Treasurer
Dana, Jeffrey	Hawaii-American Water Company	Officer	Chief Financial Officer, and Treasurer
DiMenna, Lynda	California-American Water Company	Director	Director
DiMenna, Lynda	American Water Works Service Company, Inc.	Director	Director
DiMenna, Lynda	American Water Works Service Company, Inc.	Officer	Vice President, Chief Environmental and Safety Officer
Fulter, Stacey	California-American Water Company	Officer	Assistant Treasurer
Fulter, Stacey	Hawaii-American Water Company	Officer	Assistant Treasurer
Hodgkinson, Kent	California-American Water Company	Officer	Officer, Business Development, and VP
Hodgkinson, Kent	Hawaii-American Water Company	Officer	Officer, Business Development, and VP
Hofer, Garry	California-American Water Company	Officer	Vice President, Operations
Hofer, Garry	Hawaii-American Water Company	Officer	Vice President, Operations
Horning, Kathryn	California-American Water Company	Officer	Assistant Secretary
Horning, Kathryn	Hawaii-American Water Company	Officer	Assistant Secretary
Jacobs, Evan	California-American Water Company	Officer	Officer, Communications & External Affairs
Jacobs, Evan	Hawaii-American Water Company	Officer	Officer, Communications & External Affairs
Leeper, Sarah	California-American Water Company	Director	Director
Leeper, Sarah	California-American Water Company	Officer	Vice President, General Counsel and Secretary
Leeper, Sarah	Hawaii-American Water Company	Director	Director
Leeper, Sarah	Hawaii-American Water Company	Officer	Vice President and General Counsel
Morse, Jonathan	California-American Water Company	Officer	Assistant Treasurer

California-American Water Company - List of Shared Directors and Officers as of June 1, 2023

Personnel Name	Business Entity	Title Role	Title
Morse, Jonathan	Hawaii-American Water Company	Officer	Assistant Treasurer
Murray, Kevin	California-American Water Company	Director	Director
Murray, Kevin	Hawaii-American Water Company	Director	Director
Owens, Stephen Wesley	California-American Water Company	Officer	Officer, Rates and Regulatory, and VP
Owens, Stephen Wesley	Hawaii-American Water Company	Officer	Officer, Rates and Regulatory, and VP
Svindland, Richard	California-American Water Company	Director	Director
Svindland, Richard	American Water Works Service Company, Inc.	Director	Director
Svindland, Richard	Missouri-American Water Company	Director	Director
Svindland, Richard	Missouri-American Water Company	Officer	President
Tilden, Kevin	California-American Water Company	Director	Director
Tilden, Kevin	California-American Water Company	Officer	President
Tilden, Kevin	Hawaii-American Water Company	Director	Director
Tilden, Kevin	Hawaii-American Water Company	Officer	President
Tilden, Kevin	American Water Works Service Company, Inc.	Director	Director

SCHEDULE E-5 FOR ALL WATER COMPANIES SAFE DRINKING WATER BOND ACT/STATE REVOLVING FUND DATA

Please provide the following information relating to each Safe Drinking Water Bond Act (SDWBA) or Safe Drinking Water State Revolving Fund (SRF) loan surcharge collection for the calendar year. Please use one page per loan.

1. Current Fiscal Agent:

Name: See Addendum Reference Schedules E-5(1)-a, E-5(1)-b, and E-5(1)-c
 Address: as multiple loans exist for this schedule
 Phone Number: _____
 Account Number: _____
 Date Hired: _____

2. Total surcharge collected from customers during the 12 month reporting period:

\$ _____

Meter Size	No. of Metered Customers	Monthly Surcharge Per Customer
5/8 X 3/4 inch		
3/4 inch		
1 inch		
1 1/2 inch		
2 inch		
3 inch		
4 inch		
6 inch		
Number of Flat Rate Customers		
Total	-	

3. Summary of the bank account activities showing:

Balance at beginning of year	\$ _____
Add: Surcharge collections	_____
Interest earned	_____
Other deposits	_____
Less: Loan payments	_____
Bank charges	_____
Other withdrawals	_____
Balance at end of year	\$ _____ -

4. Reason for other deposits/withdrawals

Loan Payments

5. Total Accumulated Reserve: \$ _____

**SCHEDULE E-5
FOR ALL WATER COMPANIES
SAFE DRINKING WATER BOND ACT/STATE REVOLVING FUND DATA
Monterey - Garrapata**

Please provide the following information relating to each Safe Drinking Water Bond Act (SDWBA) or Safe Drinking Water State Revolving Fund (SRF) loan surcharge collection for the calendar year. Please use one page per loan.

1. Current Fiscal Agent:

Name: Wells Fargo Corporate Trust Services
 Address: 333 Market Street, San Francisco, CA
 Phone Number: 415-371-3400
 Account Number: 82295700
 Date Hired: September 2010

2. Total surcharge collected from customers during the 12 month reporting period:

\$ 8,571

Meter Size	No. of Metered Customers	Monthly Surcharge Per Customer
5/8 X 3/4 inch	3	\$ 16.62
3/4 inch		
1 inch	30	\$ 16.62
1 1/2 inch	2	\$ 16.62
2 inch	7	\$ 16.62
3 inch		
4 inch		
6 inch		
Number of Flat Rate Customers		
Total	42	

3. Summary of the bank account activities showing:

Balance at beginning of year	\$ <u>19,481</u>
Add: Surcharge collections	<u>10,173</u>
Interest earned	<u>190</u>
Other deposits	<u> </u>
Less: Loan payments	<u>(9,249)</u>
Bank charges	<u> </u>
Other withdrawals	<u> </u>
Balance at end of year	\$ <u>20,596</u>

4. Reason for other deposits/withdrawals

Loan Payments

5. Total Accumulated Reserve: \$ 8,786

**SCHEDULE E-5
FOR ALL WATER COMPANIES
SAFE DRINKING WATER BOND ACT/STATE REVOLVING FUND DATA
Sacramento - Fruitridge Vista**

Please provide the following information relating to each Safe Drinking Water Bond Act (SDWBA) or Safe Drinking Water State Revolving Fund (SRF) loan surcharge collection for the calendar year. Please use one page per loan.

1. Current Fiscal Agent:

Name: US Bank
 Address: 980 9th Street, Suite 1100, Sacramento, CA 95814
 Phone Number: 415-273-4547
 Account Number: 229319000(transferred from 12867000) and 229319001 (transferred from 112867001)
 Date Hired: June 2020

2. Total surcharge collected from customers during the 12 month reporting period:

\$ 211,815

Meter Size	No. of Metered Customers	Monthly Surcharge Per Customer
5/8 X 3/4 inch	563	\$ 1.54
3/4 inch	51	\$ 2.31
1 inch	647	\$ 3.85
1 1/2 inch	165	\$ 7.70
2 inch	157	\$ 12.32
3 inch	20	\$ 23.10
4 inch	6	\$ 38.50
6 inch	4	\$ 77.00
Number of Flat Rate Customers	2,971	\$ 3.05
Total	4,584	

3. Summary of the bank account activities showing:

	US Bank Loan Repayment	US Bank Fiscal Agent	Total
Balance at beginning of year	\$ 109,690	234,942	344,632
Add: Surcharge collections	219,711		219,711
Interest earned	5	12	17
Other deposits	164		
Less: Loan payments	(219,711)		(219,711)
Bank charges			
Other withdrawals		(164)	
Balance at end of year	\$ 109,859	234,790	344,649

4. Reason for other deposits/withdrawals

Transfer from Fiscal Agent account to Loan account

5. Total Accumulated Reserve: \$ _____

**SCHEDULE E-5
FOR ALL WATER COMPANIES
SAFE DRINKING WATER BOND ACT/STATE REVOLVING FUND DATA
Sacramento - Hillview Water**

Please provide the following information relating to each Safe Drinking Water Bond Act (SDWBA) or Safe Drinking Water State Revolving Fund (SRF) loan surcharge collection for the calendar year. Please use one page per loan.

1. Current Fiscal Agent:

Name: US Bank
 Address: 980 9th Street, Suite 1100, Sacramento, CA 95814
 Phone Number: 415-273-4547
 Account Number: 220960001 (transferred from California Bank & Trust 1030222319) and 220960000
 Date Hired: June 2020

2. Total surcharge collected from customers during the 12 month reporting period:

\$ 129,086
 \$ _____
 \$ _____

Meter Size	No. of Metered Customers	Monthly Surcharge Per Customer
5/8 X 3/4 inch		
3/4 inch	887	\$ 7.56
1 inch	72	\$ 12.60
1 1/2 inch	38	\$ 25.20
2 inch	36	\$ 40.32
3 inch	11	\$ 75.60
4 inch	1	\$ 126.00
6 inch		\$ 252.00
Number of Flat Rate Customers		
Total	1,045	

3. Summary of the bank account activities showing:

	US Bank Surcharge Savings	US Bank Surcharge Trust	Totals
Balance at beginning of year	\$ 0	134,388	134,388
Add: Surcharge collections	126,948		126,948
Interest earned	0	7	7
Other deposits			-
Less: Loan payments	(126,948)		(126,948)
Bank charges			-
Other withdrawals			-
Balance at end of year	\$ 0	134,395	134,395

4. Reason for other deposits/withdrawals

5. Total Accumulated Reserve: \$ _____

**SCHEDULE E-5
FOR ALL WATER COMPANIES
SAFE DRINKING WATER BOND ACT/STATE REVOLVING FUND DATA (Continued)
Account 100.1 - Utility Plant in Service (funded by SDWBA/SRF)**

Line No.	Acct	Title of Account (a)	Balance Beg of Year (b)	Additions During Year (c)	(Retirements) During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
1		I. INTANGIBLE PLANT					
2	301	Organization	2,847,907				\$ 2,847,907
3	302	Franchises and Consents					\$ -
4	303	Other Intangible Plant					\$ -
5		Total Intangible Plant	\$ 2,847,907	\$ -	\$ -	\$ -	\$ 2,847,907
6							
7		II. LANDED CAPITAL					
8	306	Land and Land Rights	\$ 15,000				\$ 15,000
9							
10		III. SOURCE OF SUPPLY PLANT					
11	311	Structures and Improvements	530,810				\$ 530,810
12	312	Collecting and Impounding Reservoirs	491,978				\$ 491,978
13	313	Lake, River and Other Intakes					\$ -
14	314	Springs and Tunnels					\$ -
15	315	Wells	336,408				\$ 336,408
16	316	Supply Mains					\$ -
17	317	Other Source of Supply Plant	205,441				\$ 205,441
18		Total Source of Supply Plant	\$ 1,564,637	\$ -	\$ -	\$ -	\$ 1,564,637
19							
20		IV. PUMPING PLANT					
21	321	Structures and Improvements					\$ -
22	322	Boiler Plant Equipment					\$ -
23	323	Other Power Production Equipment					\$ -
24	324	Pumping Equipment	846,356				\$ 846,356
25	325	Other Pumping Plant					\$ -
26		Total Pumping Plant	\$ 846,356	\$ -	\$ -	\$ -	\$ 846,356
27							
28		V. WATER TREATMENT PLANT					
29	331	Structures and Improvements					\$ -
30	332	Water Treatment Equipment	208,799				\$ 208,799
31		Total Water Treatment Plant	\$ 208,799	\$ -	\$ -	\$ -	\$ 208,799
32							
33		VI. TRANSMISSION AND DIST. PLANT					
34	341	Structures and Improvements					\$ -
35	342	Reservoirs and Tanks	97,512				\$ 97,512
36	343	Transmission and Distribution Mains	5,561,485				\$ 5,561,485
37	344	Fire Mains					\$ -
38	345	Services	269,133				\$ 269,133
39	346	Meters					\$ -
40	347	Meter Installations					\$ -
41	348	Hydrants	42,542				\$ 42,542
42	349	Other Transmission and Distribution Plant					\$ -
43		Total Transmission and Distribution Plant	\$ 5,970,672	\$ -	\$ -	\$ -	\$ 5,970,672

SCHEDULE E-5*
FOR ALL WATER COMPANIES
SAFE DRINKING WATER BOND ACT/STATE REVOLVING FUND DATA (Continued)
Account 100.1 - Utility Plant in Service (funded by SDWBA/SRF)*

Line No.	Acct	Title of Account (a)	Balance Beg of Year (b)	Additions During Year (c)	(Retirements) During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
44		VII. GENERAL PLANT					
45	371	Structures and Improvements					\$ -
46	372	Office Furniture and Equipment					\$ -
47	373	Transportation Equipment					\$ -
48	374	Stores Equipment					\$ -
49	375	Laboratory Equipment					\$ -
50	376	Communication Equipment					\$ -
51	377	Power Operated Equipment					\$ -
52	378	Tools, Shop and Garage Equipment					\$ -
53	379	Other General Plant					\$ -
54		Total General Plant	\$ -	\$ -	\$ -	\$ -	\$ -
55							
56		VIII. UNDISTRIBUTED ITEMS					
57	390	Other Tangible Property					\$ -
58	391	Utility Plant Purchased					\$ -
59	392	Utility Plant Sold					\$ -
60		Total Undistributed Items	\$ -	\$ -	\$ -	\$ -	\$ -
61		Total Utility Plant in Service	\$ 11,453,371	\$ -	\$ -	\$ -	\$ 11,453,371

Account 101 - Recycled Water Utility Plant (funded by SDWBA/SRF)

Line No.	Acct	Title of Account (a)	Balance Beg of Year (b)	Additions During Year (c)	(Retirements) During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
1	393	Recycled Water Intangible Plant					\$ -
2	394	Recycled Water Land and Land Rights					\$ -
3	395	Recycled Water Depreciable Plant					\$ -
4		Total Recycled Water Utility Plant	\$ -	\$ -	\$ -	\$ -	\$ -

*Note - the total reported above is a combination of Garrapata, Rio Plaza, Hillview Water, Fruitridge Vista and East Pasadena acquisitions. The information reported on schedule E-5(2) and E-5(3) was obtained from the 2013 (Garrapata), 2018 (Rio Plaza), 2019 (Hillview and Fruitridge) and 2020 (East Pasadena) Class B & C CPUC Annual Reports Schedule A-1b as reported by Garrapata, Rio Plaza Hillview Water, Fruitridge Vista and East Pasadena.

SCHEDULE E-6 FACILITIES FEES DATA

Please provide the following information relating to Facilities Fees for districts or subsidiaries servicing 2,000 or fewer connections for the calendar year. (Per D.91-04-068)

1. Trust Account Information:

Bank Name: N/A
 Address: _____
 Account Number: _____
 Date Opened: _____

2. Facilities Fees collected for new connections during the calendar year:

A. Commercial

NAME	AMOUNT
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

B. Residential

NAME	AMOUNT
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

3. Summary of the bank account activities showing:

	AMOUNT
Balance at beginning of year	\$ _____
Deposits during the year	\$ _____
Interest earned for calendar year	\$ _____
Withdrawals from this account	\$ _____
Balance at end of year	\$ _____

4. Reason or Purpose of Withdrawal from this bank account:

DECLARATION

(PLEASE VERIFY THAT ALL SCHEDULES ARE ACCURATE AND COMPLETE BEFORE SIGNING)

I, the undersigned _____ **Garry Hofer**
Officer, Partner, or Owner (Please Print)

of _____ **California-American Water Company**
Name of Utility

under penalty of perjury do declare that this report has been prepared by me, or under my direction, from the books, papers and records of the respondent; that I have carefully examined the same, and declare the same to be a complete and correct statement of the business and affairs of the above-named respondent and the operations of its property for the period of January 1, 2022, through December 31, 2022.

_____ **Vice President**
Title (Please Print)

_____ **/s/ Garry Hofer**
Signature

_____ **626-614-2510**
Telephone Number

_____ **06/30/2023**
Date

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California American Water
GO 103A Customer Service Performance Measures
 Companywide Information 2022

Performance Standards	Performance Measure	2022
Telephone Performance		
Total Calls Received		111,262
Total Calls Answered in 30 seconds		84,992
% of Calls Answered in 30 seconds	≥ 80%	76%
Total Abandoned Calls		26,270
% Abandoned Call Rate	≤ 5%	24%
Billing		
Total Bills Rendered		2,304,175
Total Bills Rendered in 7 days		2,234,892
% Bills Rendered in 7 days	≥ 99%	97%
Total Inaccurate Bills		11,040
% of Inaccurate Bills	≤ 3%	0.48%
Total Payments Posted		2,013,772
Total Errored Payments		5,724
% Payment Posting Error	≤ 1%	0.284%
Total Number of Final Bills		19,223
Final Bills Issued after 14 days		2,232
% Final Read and Final Bill Issued after 14 days	≤ 14 Days	12%
Meter Reading		
Total Scheduled Actual Meter Reads		2,215,956
Total Estimated Meter Reads		49,490
% Scheduled Meters not Read	≤ 3%	2%
Work Order Completion		
% Total Customer Met Appointments	≥ 95%	99.3%
% Total Missed Customer Appointments	≤ 5%	1%
Total Scheduled Work Orders Customer Requested		68,433
Total Completed Work Orders as Scheduled		63,276
Total Incomplete /Canceled Work Orders		1,991
% Customer Work Orders not Completed	≤ 5%	3%
Customer/Regulatory Complaints		
Total Number of Customers		192,494
# of CAB Formal and Informal Complaints		30
% Rate of Complaints to CAB	≤ .1%	0.02%

2022 California American Water Non-Revenue Water Update

The following provides California American Water's update on the many efforts completed or underway to reduce non-revenue water (NRW). This document reflects updates to the previously submitted Accomplishments / Planned Activities Document and the 2022 Non-Revenue Water Update. This update provided in writing and is consistent with last year's update.

Reduction Efforts / Activities as of December 2022:

State

- Completed training in, and wide adoption of the new American Water Works Association (AWWA) Water Audit Software Version 6.0. California American Water used Version 6.0 for all 2021 reporting as it is the adopted model per M36 standards. This effort was in recognition that water conservation and loss control needs constant fine-tuning, expanding, and prioritizing as a vital component of the company's water management strategy.
- Water audits were validated by an authorized third-party validator in compliance with California SB 555.
- On-going investigation of active zero consumption accounts (apparent losses), as well as "inactive with consumption" accounts (real losses).
- Testing or replacement of production and customer meters on a schedule based on meter size (apparent losses).
- Prompt, yet prudent, repair of identified leaks, i.e. severity measured against the need to repair during regular vs. overtime hours (real losses).
- Continuation of valve and fire hydrant maintenance programs to assist in identifying leaks (real losses).

Southern Division

- The Ventura County District tracks all leaks and these records become a part of the Conditional Based Assessment (CBA). Based on this information, the CBA can then identify frequent leak areas within the system. This information will assist in determining future replacement projects within the district. The district also maintains an aggressive valve and hydrant inspection program, as well as a length of service meter program. In 2022, the District replaced 265 "stuck" meters that were not registering water usage.
- The Los Angeles County District tracks all leaks and these records become a part of the Conditional Based Assessment (CBA). Based on this information, the CBA can then identify frequent leak areas within the system. This information will assist in determining future replacement projects within the district. The district also maintains an aggressive valve and hydrant inspection program, and length of service meter program. In 2022 the District

replaced 570 “stuck” meters that were not registering water usage. Also, production meters are tested annually and repaired or replaced as needed.

- The San Diego County District tracks all leaks and these records become a part of the Conditional Based Assessment (CBA). Based on this information, the CBA can then identify frequent leak areas within the system. This information will assist in determining future replacement projects within the district. The district also maintains an aggressive valve and hydrant inspection program, and length of service meter program. In 2022, the District replaced 51 “stuck” meters that were not registering water usage. Also, production meters are tested annually. The results are shared with the City of San Diego which owns the meters. If needed, repairs or replacement of the meters is performed by the City.

Coastal Division

- Main Line Replacement – California American Water continued its main replacement project with an average of approximately one mile of mains replaced every year. California American Water continues an aggressive main replacement program using its comprehensive planning study documents to target leak prone areas across the service territory.
- Soft Start magnetic starters and Variable Frequency Drives (VFD) have continued to be installed at wells sites and booster stations, in order to minimize starting surges, which can cause leaks throughout the distribution system.
- Production Meter Testing - Production meters are verified through their regular reads and confirmation of usage volumes when irregular reads are noted. Verification of source meters allows for accurate calculations of NRW in our systems.
- Meter Replacement Program - Meters are replaced on length of service timeframes and if missed reads are noted by field staff. Over 2,600 meters were replaced in the Monterey County District due to length of service or trouble in 2021.
- Unauthorized Consumption – California American Water, in cooperation with the Monterey Peninsula Water Management District (“MPWMD”), implemented an aggressive program to reduce unauthorized consumption. Aspects of the program require all contractors to provide a MPWMD permit prior to receiving a temporary construction meter.
- SCADA/Electrical Improvements – The Monterey SCADA system improvement project improves communication with remote site(s) and allows better control of facilities via cellular modems. This in turns allows operators to react quicker if tank levels start dropping due to a major main break. The installation of cellular modems was complete in 2021 for all sites in the Monterey system.

Northern Division

- Our Operations team continues to identify suspected leak areas for investigation. We use a third party to conduct leak surveys. The survey identifies leaks on both the company's mains and on the customers' side of the system. Identified leaks on company pipes are repaired as soon as possible while customers are notified of identified leaks on their service lines. Production meters are regularly verified at all production sites and are replaced where needed to assure continued accuracy.
- Continued conversion of flat rate customers in the Fruitridge Vista service area, acquired from Fruitridge Vista Water Co. in early 2020, is allowing contractors to view company and customer owned service lines during this work and address leaks through replacement or repair.

Planned 2022-2023

- All Districts: Continuation of all the above activities.
- All Districts: Continuation of all IPs listed in the original document as approved in the GRC.
- All Districts: Develop a comprehensive water loss control program. The main components of the loss control program will be refinement of company-wide practices for water audit compilation and improvement of data accuracy; customer meter testing and replacement, leak detection, pressure management, production meter replacement, which are reflected in this rate case in capital and operating budgets.
- Monterey: Continued all activities listed above including Main Line Replacements, Soft Start/VFD installation, Production Meter Testing, Meter Replacement Program, Reduce Unauthorized Consumption, SCADA/Electrical Communication Monitoring.

Long Term Plans

- AMI implementation in CAW districts where length-of-service replacements allow, or new acquisitions where new meter installations are needed
- LA: Continued systematic replacement of aged mainlines per the Company's Comprehensive Planning Study and Condition Based Assessment, notably in the division's Los Angeles County District.
- SD: Replacement of the 16" Silver Strand water main and continued systematic replacement of aged mainlines per the Company's Comprehensive Planning Study and Condition Based Assessment, notably in the division's San Diego County District.
- Monterey: Continue all activities listed above including Main Line Replacements, Soft Start/VFD installation, Production Meter Testing, Meter Replacement Program, Reduce Unauthorized Consumption, SCADA/Electrical Communication Monitoring.
- Sacramento: Reduced System Operating Pressures: We will consider installing VFD's and complete enhancements to our SCADA systems with the goal to reduce pressures. Sacramento will continue to look for places to insert VFDs into our systems where they make sense for the business and the ratepayers. We will consider purchasing leak detection equipment and train staff to use this in conjunction with hydrant and valve inspections.



655 W. Broadway
Suite 1410
San Diego, CA 92101
www.amwater.com

June 20, 2023

California Public Utilities Commission
Water Division
Attention: Terence Shia
505 Van Ness Avenue, Room 3105
San Francisco, CA 94102-3298

RE: D.21-05-019 Addressing Phase II Issues Relating to Emergency and Disaster Preparedness Plans

Pursuant to D.21-05-019 (“Addressing Phase II Issues Relating to Emergency and Disaster Preparedness Plans”), California American Water is submitting, along with its 2022 CPUC Annual Report, information regarding a compliance item related to its CPUC Annual Report submission:

Ordering Paragraph 27 stipulates the following:

General Order 103-A shall be modified to require all Class A water companies to hold meetings when developing, adopting, or updating an Emergency Response Plan, or every five years, whichever comes first, with representatives from each tribal, city, county or city and county in the Class A water company’s service area regarding their emergency plans.

D.21-05-019 also contains elaboration of this compliance item on p.30 of the Decision:

As it relates to regulated water utilities, we find that pursuant to Pub. Util. Code § 768.6(f)(2), Class A water utilities shall hold meetings when developing, adopting, or updating an Emergency Response Plan pursuant to the America’s Water Infrastructure Act of 2018, or every five years, whichever comes first, with such representatives and, where possible, first responders from each city, county, or city and county in the water company’s service area regarding the emergency response plans. The Class A regulated water utilities shall include information in their annual reports to the Commission, including a list of counties and cities within their territory that they met with.

Pursuant to the America’s Water Infrastructure Act of 2018, in June 2023, letters were sent to the Office of Emergency Services in each county in which California American Water operates to share primary contacts and offered to meet and confer about our emergency response plans. California American Water has not received any requests to confer on its emergency response plans currently. California American Water remains in contact with emergency response agencies and will meet with agency representatives from each service area on a five-year cycle (2028 being the next year) to discuss emergency response planning.