

Received _____

Examined _____

CLASS A
WATER UTILITIES

U# _____

2017
ANNUAL REPORT
OF

GOLDEN STATE WATER COMPANY

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

630 E. FOOTHILL BLVD., SAN DIMAS, CA 91773

(OFFICIAL MAILING ADDRESS)

ZIP

TO THE
PUBLIC UTILITIES COMMISSION
STATE OF CALIFORNIA
FOR THE
YEAR ENDED DECEMBER 31, 2017

REPORT MUST BE FILED NO LATER THAN MARCH 31, 2018

TABLE OF CONTENTS

	Page
General Instructions	5
Instructions for Preparation of Selected Financial Data Sheet for All Water Utilities	6
Utility Plant and Capitalization Data	7
Income, Expenses, and Other Data	8
Utility Plant and Capitalization Data - Adjusted to Exclude Non-Regulated Activity	9
Income, Expenses, and Other Data - Adjusted to Exclude Non-Regulated Activity	10
Notes to Adjusted Selected Financial Data Due to Excluding of Non-Regulated Activities	11
Excess Capacity and Non-Tariffed Services	12
General Information	13
Schedule A - Comparative Balance Sheets - Assets and Other Debits	14
Schedule A - Comparative Balance Sheets - Liabilities and Other Credits	15
Schedule B - Income Statement for the Year	16
Schedule A-1 - Account 100 - Utility Plant	17
Schedule A-1a - Account 100.1 - Utility Plant in Service	17-18
Schedule A-1b - Account 101 - Recycled Water Utility Plant	18
Schedule A-1c - Account 302 - Franchises and Consents	18
Schedule A-1d - Account 100.4 - Utility Plant Held for Future Use	19
Schedule A-2 - Account 107 - Utility Plant Adjustments	19
Schedule A-3 - Account 110 - Other Physical Property	19
Schedule A-4 - Rate Base and Working Cash	20
Schedule A-5 - Accounts 250, 251, 252, 253, 259 - Depreciation and Amortization Reserves	21
Schedule A-5a - Account 250 - Analysis of Entries in Depreciation Reserve	22
Schedule A-6 - Account 111 - Investments in Affiliated Companies	23
Schedule A-7 - Account 112 - Other Investments	23
Schedule A-8 - Account 113 - Sinking Funds	23
Schedule A-9 - Account 114 - Miscellaneous Special Funds	24
Schedule A-10 - Account 120 - Cash	24
Schedule A-11 - Account 121 - Special Deposits	24
Schedule A-12 - Account 122 - Working Funds	25
Schedule A-13 - Account 123 - Temporary Cash Investments	25
Schedule A-14 - Account 124 - Notes Receivable	25
Schedule A-15 - Account 125 - Accounts Receivable	25
Schedule A-16 - Account 126 - Receivables from Affiliated Companies	26
Schedule A-17 - Account 131 - Materials and Supplies	26
Schedule A-18 - Account 132 - Prepayments	26
Schedule A-19 - Account 133 - Other Current and Accrued Assets	26
Schedule A-20 - Account 140 - Unamortized Debt Discount and Expense	27
Schedule A-21 - Account 240 - Unamortized Premium on Debt	27
Schedule A-22 - Account 141 - Extraordinary Property Losses	28
Schedule A-23 - Account 142 - Preliminary Survey and Investigation Charges	28
Schedule A-24 - Account 143 - Clearing Accounts	28
Schedule A-25 - Account 145 - Other Work in Progress	28
Schedule A-26 - Account 146 - Other Deferred Debits	29, 30
Schedule A-27 - Account 147 - Accumulated Deferred Income Tax Assets	29
Schedule A-28 - Account 150 - Discount on Capital Stock	29
Schedule A-29 - Account 151 - Capital Stock Expense	29
Schedule A-30 - Account 200 - Common Capital Stock	31
Schedule A-30a - Account 201 - Preferred Capital Stock	31

TABLE OF CONTENTS

	<u>Page</u>
Schedule A-30b - Record of Stockholders at End of Year	31
Schedule A-31 - Account 202 - Stock Liability for Conversion	31
Schedule A-32 - Account 203 - Premiums and Assessments on Capital Stock	32
Schedule A-33 - Account 206 - Subchapter S Corporation Accumulated Adjustments Account	32
Schedule A-34 - Account 270 - Capital Surplus (For Use by Corporations Only)	33
Schedule A-35 - Account 271 - Earned Surplus (For Use by Corporations Only)	33
Schedule A-36 - Account 204 - Proprietary Capital (Sole Proprietor or Partnership)	34
Schedule A-37 - Account 205 - Undistributed Profits of Proprietorship or Partnership	34
Schedule A-38 - Account 210 - Bonds	35
Schedule A-39 - Account 211 - Receivers' Certificates	36
Schedule A-40 - Account 212 - Advances from Affiliated Companies	36
Schedule A-41 - Account 213 - Miscellaneous Long-Term Debt	36
Schedule A-42 - Securities Issued or Assumed During Year	36
Schedule A-43 - Account 220 - Notes Payable	37
Schedule A-44 - Account 221 - Notes Receivable Discounted	37
Schedule A-45 - Account 222 - Accounts Payable	37
Schedule A-46 - Account 223 - Payables to Affiliated Companies	37
Schedule A-47 - Account 224 - Dividends Declared	38
Schedule A-48 - Account 225 - Matured Long-Term Debt	38
Schedule A-49 - Account 226 - Matured Interest	38
Schedule A-50 - Account 227 - Customers' Deposits	39
Schedule A-51 - Account 229 - Interest Accrued	39
Schedule A-52 - Account 230 - Other Current and Accrued Liabilities	39
Schedule A-53 - Account 228 - Taxes Accrued	40
Schedule A-54 - Account 241 - Advances for Construction	41
Schedule A-55 - Account 242 - Other Deferred Credits	42
Schedule A-56 - Accounts 254 to 258, Inclusive - Miscellaneous Reserves	42
Schedule A-57 - Account 265 - Contributions in Aid of Construction	43
Schedule A-58 - Account 266 - Accumulated Deferred Income Taxes - Accelerated Tax Depreciation	44
Schedule A-59 - Account 267 - Accumulated Deferred Income Taxes - Other	44
Schedule A-60 - Account 268 - Accumulated Deferred Investment Tax Credits	44
Schedule B-1 - Account 501 - Operating Revenues	45
Schedule B-1a - Operating Revenues Apportioned to Cities and Towns	45
Schedule B-2 - Account 502 - Operating Expenses - For Class A, B, and C Water Utilities	46-48
Schedule B-3 - Account 506 - Property Losses Chargeable to Operations	49
Schedule B-4 - Account 507 - Taxes Charged During Year	49
Schedule B-5 - Reconciliation of Reported Net Income with Taxable Income for Federal Taxes	50
Schedule B-6 - Account 508 - Income from Utility Plant Leased to Others	51
Schedule B-7 - Account 510 - Rent for Lease of Utility Plant	51
Schedule B-8 - Account 521 - Income from Nonutility Operations	51
Schedule B-9 - Account 522 - Revenues from Lease of Other Physical Property	52
Schedule B-10 - Account 523 - Dividend Revenues	52
Schedule B-11 - Account 524 - Interest Revenues	52
Schedule B-12 - Account 525 - Revenues from Sinking and Other Funds	52
Schedule B-13 - Account 526 - Miscellaneous Nonoperating Revenues	53
Schedule B-14 - Account 527 - Nonoperating Revenue Deductions	53
Schedule B-15 - Account 530 - Interest on Long-Term Debt	53
Schedule B-16 - Account 531 - Amortization of Debt Discount and Expense	53

TABLE OF CONTENTS

	<u>Page</u>
Schedule B-17 - Account 532 - Amortization of Premium on Debt - Cr.	54
Schedule B-18 - Account 533 - Taxes Assumed on Interest	54
Schedule B-19 - Account 534 - Interest on Debt to Affiliated Companies	54
Schedule B-20 - Account 535 - Other Interest Charges	54
Schedule B-21 - Account 536 - Interest Charged to Construction - Cr.	55
Schedule B-22 - Account 537 - Miscellaneous Amortization	55
Schedule B-23 - Account 538 - Miscellaneous Income Deductions	55
Schedule B-24 - Account 540 - Miscellaneous Reservations of Net Income	55
Schedule C-1 - Engineering and Management Fees and Expenses, etc., During Year	56
Schedule C-2 - Compensation of Individual Proprietor or Partner	57
Schedule C-3 - Employees and Their Compensation	57
Schedule C-4 - Record of Accidents During Year	57
Schedule C-5 - Expenditures for Political Purposes	58
Schedule C-6 - Loans to Directors, or Officers, or Shareholders	58
Schedule C-7 - Bonuses Paid to Executives & Officers	58
Schedule D-1 - Sources of Supply and Water Developed	59
Schedule D-2 - Description of Storage Facilities	59
Schedule D-3 - Description of Transmission and Distribution Facilities	60
Schedule D-4 - Number of Active Service Connections	61
Schedule D-5 - Number of Meters and Services on Pipe Systems at End of Year	61
Schedule D-6 - Meter Testing Data	61
Schedule D-7 - Water Delivered to Metered Customers by Months and Years	62
Schedule D-8 - Status with State Board of Public Health	63
Schedule D-9 - Statement of Material Financial Interest	63
Schedule E-1 - Balancing and Memorandum Accounts	64
Schedule E-2 - Description of Low-Income Rate Assistance Program(s)	65
Schedule E-3 - Description of Water Conservation Program(s)	65
Schedule E-4 - Report on Affiliate Transactions	66
Schedule E-5 - For All Water Companies - Safe Drinking Water Bond Act / State Revolving Fund Data	67-75
Schedule E-6 - Facilities Fees Data	76
Declaration	77
Index	78

GENERAL INSTRUCTIONS

1. Two completed and signed hard copies of this report and one electronic copy must be filed **NO LATER THAN MARCH 31, 2018**, with:

CALIFORNIA PUBLIC UTILITIES COMMISSION
WATER DIVISION
ATTN: BRUCE DEBERRY
505 VAN NESS AVENUE, ROOM 3105
SAN FRANCISCO, CALIFORNIA 94102-3298
bmd@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, 2017, through December 31, 2017. 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.

INSTRUCTIONS

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 2017

Name of Utility: Golden State Water Company Telephone: 909-394-3600

Person Responsible for this Report: Jimmy Cheung

	<u>1/1/2017</u>	<u>12/31/2017</u>	<u>Average</u>
UTILITY PLANT DATA			
1 Total Utility Plant (1)	\$ 1,560,181,195	\$ 1,607,509,267	\$ 1,583,845,231
2 Total Utility Plant Reserves (1)	(479,108,583)	(477,351,033)	(478,229,808)
3 Total Utility Plant Less Reserves (1)	1,081,072,612	1,130,158,234	1,105,615,423
4 Advances for Construction (2)	73,052,586	70,750,736	71,901,661
5 Contributions in Aid of Construction (2)	120,518,131	123,602,081	122,060,106
6 Total Accumulated Deferred Taxes (2)	229,326,865	122,215,909	175,771,387
7			
8			
9			
10 CAPITALIZATION			
11 Common Capital Stock (2)	240,481,591	242,180,607	241,331,099
12 Preferred Capital Stock (2)	-	-	-
13 Earned Surplus (2)	205,541,927	231,446,305	218,494,116
14 Total Capital Stock (2)	446,023,518	473,626,912	459,825,215
15 Total Proprietary Capital (Individual or Partnership) (2)	-	-	-
16 Total Long-Term Debt (2)	325,251,629	324,941,279	325,096,454

(1) Water operations only

(2) Total GSWC, which includes its water and electric regulated activities.

Line 4 " Advances for Constructions " includes electric balance of \$1,044,448 as of 1/1/2017 vs. \$1,040,131 as of 12/31/2017

Line 5 " Contributions in Aid of Construction" includes electric balance of \$620,927 as of 1/1/2017 vs. \$628,055 as of 12/31/2017

Line 6 " Total Accumulated Deferred Taxes" includes electric balance of \$17,129,803 as of 1/1/2017 vs. \$11,399,668 as of 12/31/2017

INCOME, EXPENSES, AND OTHER DATA

Calendar Year 2017

Name of Utility: Golden State Water Company

Telephone: 909-394-3600

			Annual Amount
INCOME/EXPENSES DATA			
1	Operating Revenues	\$	304,480,221
2	Operating Expenses		147,674,932
3	Depreciation		33,430,275
4	Taxes		60,614,571
5	Income from Nonutility Operations (net)		4,027,763
6	Interest on Long-Term Debt		19,423,015
7	Net Income		53,756,708
8			
OPERATING EXPENSES DATA			
10	Source of Supply Expense		48,221,136
11	Pumping Expenses		13,693,588
12	Water Treatment Expenses		5,876,724
13	Transmission and Distribution Expenses		12,293,713
14	Customer Account Expenses		7,810,979
15	Sales Expenses		1,213,560
16	Recycled Water Expenses		868,214
17	Administrative and General Expenses		51,308,669
18	Miscellaneous		6,388,349
19	Total Operating Expenses	\$	147,674,932
20			
OTHER DATA			
21			
22			
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	255,393	253,573
27	Total Active Service Connections	5,851	5,518
		261,244	259,091
			254,483
			5,685
			260,168

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

Calendar Year 2017

Name of Utility: Golden State Water Company Telephone: 909-394-3600

Person Responsible for this Report: Jimmy Cheung

	<u>1/1/2017</u>	<u>12/31/2017</u>	<u>Average</u>
UTILITY PLANT DATA			
1 Total Utility Plant (1)	\$ 1,560,181,195	\$ 1,607,509,267	\$ 1,583,845,231
2 Total Utility Plant Reserves (1)	(479,108,583)	(477,351,033)	(478,229,808)
3 Total Utility Plant Less Reserves (1)	1,081,072,612	1,130,158,234	1,105,615,423
4 Advances for Construction (2)	73,052,586	70,750,736	71,901,661
5 Contributions in Aid of Construction (2)	109,631,879	111,889,963	110,760,921
6 Total Accumulated Deferred Taxes (2)	229,326,865	122,215,909	175,771,387
7			
8			
9			
10 CAPITALIZATION			
11 Common Capital Stock (2)	240,481,591	242,180,607	241,331,099
12 Preferred Capital Stock (2)	-	-	-
13 Earned Surplus (2)	203,032,071	221,323,431	212,177,751
14 Total Capital Stock (2)	443,513,662	463,504,038	453,508,850
15 Total Proprietary Capital (Individual or Partnership) (2)	-	-	-
16 Total Long-Term Debt (2)	325,251,629	324,941,279	325,096,454

(1) Water operations only

(2) Total GSWC, which includes its water and electric regulated activities.

Line 4 " Advances for Constructions " includes electric balance of \$1,044,448 as of 1/1/2017 vs. \$1,040,131 as of 12/31/2017

Line 5 " Contributions in Aid of Construction" includes electric balance of \$620,927 as of 1/1/2017 vs. \$628,055 as of 12/31/2017

Line 6 " Total Accumulated Deferred Taxes" includes electric balance of \$17,129,803 as of 1/1/2017 vs. \$11,399,668 as of 12/31/2017

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

Calendar Year 2017

Name of Utility: Golden State Water Company

Telephone: 909-394-3600

		Annual Amount	
INCOME/EXPENSES DATA			
1	Operating Revenues	\$ 304,480,221	
2	Operating Expenses	147,674,932	
3	Depreciation	33,430,275	
4	Taxes	60,614,571	
5	Income from Nonutility Operations (net)	4,024,021	
6	Interest on Long-Term Debt	19,423,015	
7	Net Income	46,143,690	
8			
9 OPERATING EXPENSES DATA			
10	Source of Supply Expense	48,221,136	
11	Pumping Expenses	13,693,588	
12	Water Treatment Expenses	5,876,724	
13	Transmission and Distribution Expenses	12,293,713	
14	Customer Account Expenses	7,810,979	
15	Sales Expenses	1,213,560	
16	Recycled Water Expenses	868,214	
17	Administrative and General Expenses	51,308,669	
18	Miscellaneous	6,388,349	
19	Total Operating Expenses	\$ 147,674,932	
20			
21 OTHER DATA			
22			
23	<u>Active Service Connections</u> (Exc. Fire Protect.) _____	Jan. 1	Dec. 31
24			Annual Average
25	Metered Service Connections	255,393	253,573
26	Flat Rate Service Connections	5,851	5,518
27	Total Active Service Connections	261,244	259,091
			254,483
			5,685
			260,168

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 Balance Sheet - Contributions in Aid of Construction (line 5)- adjusted to exclude publicly funded grant plant.

- 2 Balance Sheet -Earned Surplus (line 13)- adjusted to include Bear Valley electric regulated activities but exclude GSWC's non-regulated activities and net income from Cal-cities.

- 3 Income Statement - Income from nonutility operations, net (line 5)- adjusted to exclude the Cal-cities net income.

- 4 Income Statement - Net Income (line 7)- adjusted to exclude GSWC's non-regulated activities and Cal-cities.

- 5 Capitalization on pages 7 and 9 include both water and electric regulated activities.

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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 company's 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 2017:

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											
3											
4											
5											
6											
7											
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10											
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12											
13											
14											
15											
16											
17											
18											
19											
20											

See attached "Annual Report of Affiliated Transactions", section A1(b)

GENERAL INFORMATION

1. Name under which utility is doing business: Golden State Water Company
2. Official mailing address:
630 E Foothill Blvd., San Dimas, CA
3. Name and title of person to whom correspondence should be addressed:
Gladys Farrow, Vice President Finance, Treasury Telephone: 909-394-3600
4. Address where accounting records are maintained:
630 E Foothill Blvd., San Dimas, CA

5. Service Area (Refer to district reports if applicable) _____
6. Service Manager (If located in or near Service Area.) (Refer to district reports if applicable.)
- Name: See attached "Operation" organization chart Telephone: _____
- Address: _____

7. OWNERSHIP. Check and fill in appropriate line:
- | | | |
|-------------------------------------|-------------------------------|-------|
| <input type="checkbox"/> | Individual (name of owner) | _____ |
| <input type="checkbox"/> | Partnership (name of partner) | _____ |
| <input type="checkbox"/> | Partnership (name of partner) | _____ |
| <input type="checkbox"/> | Partnership (name of partner) | _____ |
| <input checked="" type="checkbox"/> | Corporation (corporate name) | _____ |
- Organized under laws of (state) California Date: 12/31/1929

Principal Officers:

- | | |
|---------------------------------|---|
| Name: <u>Robert J. Sprowls</u> | Title: <u>President and Chief Executive Officer</u> |
| Name: <u>Eva G. Tang</u> | Title: <u>Sr. Vice President-Finance, CFO and Secretary</u> |
| Name: <u>Denise L. Kruger</u> | Title: <u>Sr. Vice President, Regulated Affairs</u> |
| Name: <u>Bryan K. Switzer</u> | Title: <u>Vice President, Regulatory Affairs</u> |
| Name: <u>Gladys M Farrow</u> | Title: <u>Vice President Finance, Treasurer and</u> |
| Name: <u>Patrick R. Scanlon</u> | Title: <u>Assistant Secretary</u> |
| Name: <u>Paul J. Rowley</u> | Title: <u>Vice President-Water Operations</u> |
| Name: <u>William C Gedney</u> | Title: <u>Vice President-Water Operations</u> |
| | Title: <u>Vice President-Environmental Quality</u> |

8. Names of associated companies: California Cities Inc.
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: _____ | Date: _____ |
| Name: _____ | Date: _____ |
| Name: _____ | Date: _____ |
| Name: _____ | Date: _____ |

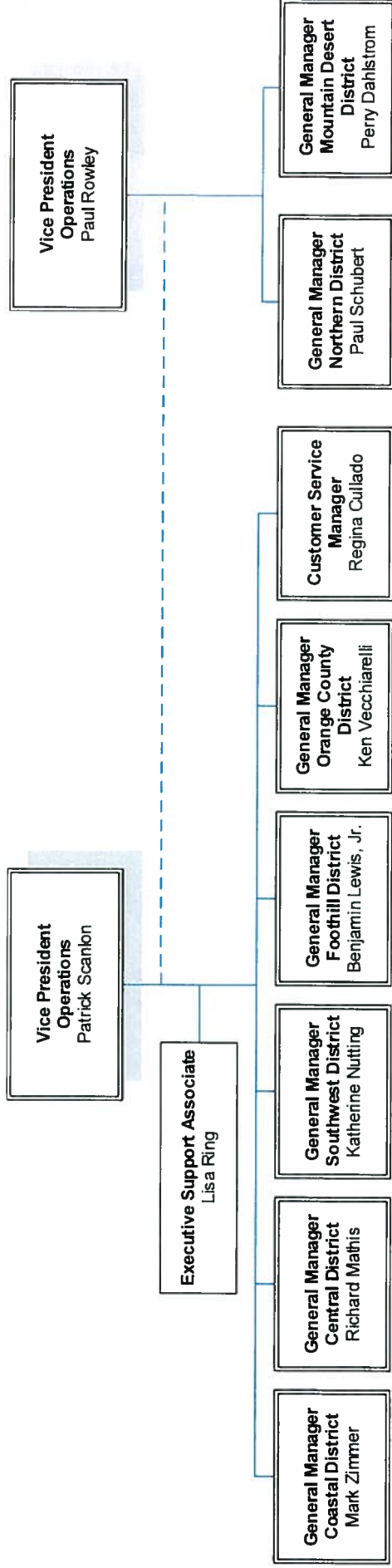
10. Use the space below for supplementary information or explanations concerning this report:
On June 8, 2017 GSWC sold its Ojai water system to Casitas Municipal Water Districts ("Casitas").

11. List Name, Grade, and License Number of all Licensed Operators:
See schedule attached

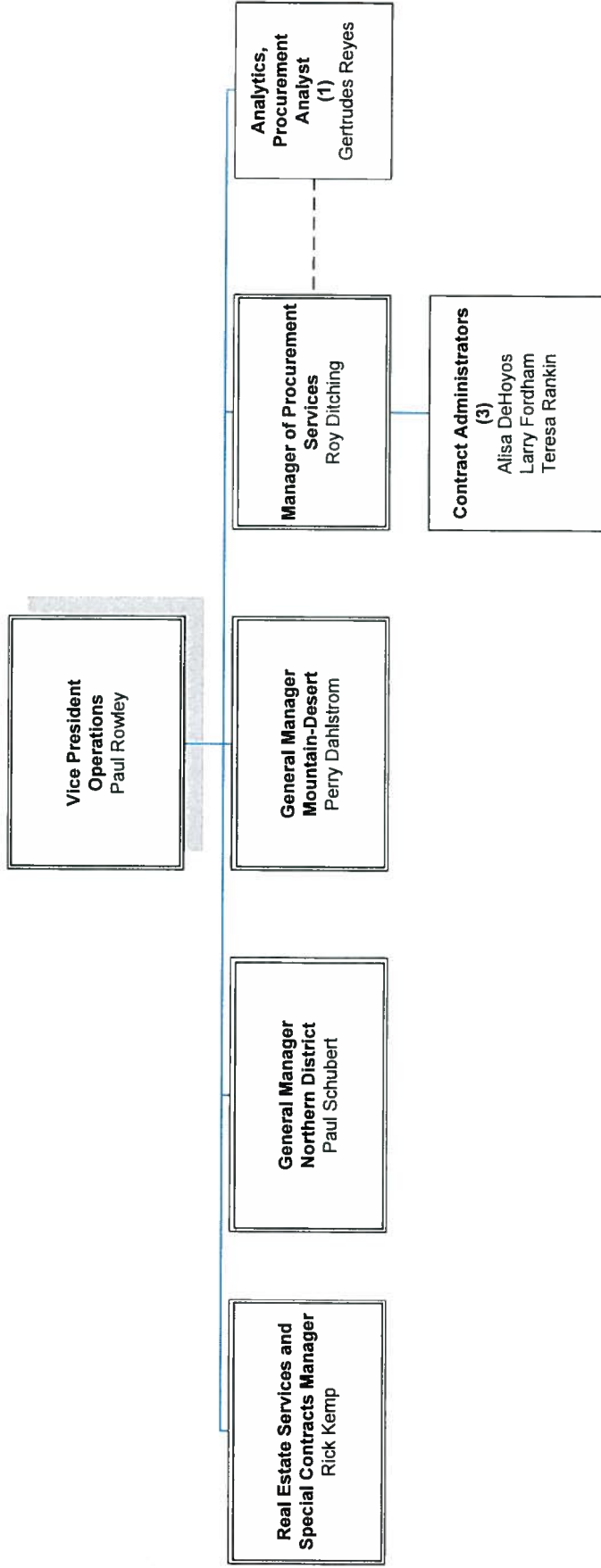
12. List Name, Address, and Phone Number of your company's external auditor:
- Name: Pricewaterhouse Coopers LLP Telephone: 213-356-6939
- Address: 601 South Figueroa Street, Los Angeles, CA 90017

13. This annual report was prepared by:
Golden State Water Company
- Name of firm or consultant: None
- Address of firm or consultant: None
- Phone Number of firm or consultant: ()

Operations



Water Operations & Procurement Services



REVISED/REVIEWED
1/26/16

Employee	Office	Supervisor	Distribution				Treatment			
			Certification Level	Certification Number	Renewal Date	Expiration Date	Certification Level	Certification Number	Renewal Date	Expiration Date
Aguilar, Lucy	Central Basin West CSA	Garten, Steven	CA DIST-Level 1	22988	8/1/2019	12/1/2019	CA TRMT-Level 4	16944	10/1/2019	2/1/2020
Ahart, Keith	Clearlake CSA	Schubert, Paul	CA DIST-Level 3	14488	6/1/2020	10/1/2020	CA TRMT-Level 1	17267	8/1/2019	12/1/2019
Aiello, Marco	Claremont CSA	Standi, John	CA DIST-Level 3	14224	12/1/2019	4/1/2020	CA TRMT-Level 2	24616	9/1/2020	1/1/2021
Allen, Charles	GSWC-Anaheim Hdqtrs	Hancocks, Brandy	CA DIST-Level 4	19265	2/1/2020	6/1/2020				
Allen, Reginald	San Gabriel-Saxon Plant Field Office	Nila, Robert	CA DIST-Level 1	31922	8/1/2018	12/1/2018				
Amsberry, Garry	Orange County District Office	Khong, Edward	CA DIST-Level 1	38194	3/1/2019	7/1/2019	CA TRMT-Level 2	9661	11/1/2018	3/1/2019
Amsberry, Michelle	Foothill District Office	White, Dawn	CA DIST-Level 2	6334	11/1/2017	3/1/2018	CA TRMT-Level 2	19128	2/1/2019	6/1/2019
Anderson, Travis	Arden Cordova CSA	Schubert, Paul	CA DIST-Level 3	8168	4/1/2018	8/1/2018	CA TRMT-Level 5	26738	3/1/2019	7/1/2019
Astudillo, Angel	Los Alamitos CSA	Ho-Sang, Jennifer	CA DIST-Level 4	40391	7/1/2020	11/1/2020				
Atwood, Steve	Barstow CSA	Ramirez, Jesse	CA DIST-Level 1	25861	10/1/2018	2/1/2019	CA TRMT-Level 2	27677	3/1/2018	7/1/2018
Aviles, Jim	Orange County-Water Supply	Eikamp, David	CA DIST-Level 3	6979	1/1/2021	5/1/2021	CA TRMT-Level 2	25503	3/1/2019	7/1/2019
Babb, Mike	Santa Maria CSA	Zimmer, Mark	CA DIST-Level 4	36373	1/1/2020	5/1/2020	CA TRMT-Level 2	30713	1/1/2021	5/1/2021
Bailey, Kyle	Southwest-Chadron Plant Field Office	Bancroft, Steven	CA DIST-Level 3	8980	4/1/2018	8/1/2018	CA TRMT-Level 2	18759	8/1/2019	12/1/2019
Bancroft, Steven	Chadron Plant Field Office	Nutting, Kate	CA DIST-Level 5	6040	11/1/2020	3/1/2021	CA TRMT-Level 3	18032	4/1/2019	8/1/2019
Barnette, Ricky	Los Alamitos Field Ops	Steve Brown	CA DIST-Level 1	16778	8/1/2019	12/1/2019				
Barlett, Koa	Central Basin West CSA	Garten, Steven	CA DIST-Level 1	38716	11/1/2019	3/1/2020				
Bazyak, Mike	Wrightwood	Cowen, James	CA DIST-Level 3	28094	11/1/2018	3/1/2019	CA TRMT-Level 2	24615	3/1/2020	7/1/2020
Bell, Tyson	Foothill District Office	Wert, Dale	CA DIST-Level 3	34977	10/1/2019	2/1/2020	CA TRMT-Level 2	29926	9/1/2018	1/1/2019
Berg, Travis	Barstow CSA	Ramirez, Jesse	CA DIST-Level 4	34839	5/1/2020	9/1/2020	CA TRMT-Level 2	29145	9/1/2020	1/1/2021
Blades, Alan	San Gabriel-Saxon Plant Field Office	Nila, Robert	CA DIST-Level 2	14770	4/1/2018	8/1/2018	CA TRMT-Level 1	21881	7/1/2020	11/1/2020
Bobnes, Jeremiah	Los Alamitos	Vecchiarelli, Ken	CA DIST-Level 5	27243	10/1/2018	2/1/2019	CA TRMT-Level 2	24990	3/1/2020	7/1/2020
Bocanegra, Federico	Central District Water Supply	Hughes, John	CA DIST-Level 3	15395	2/1/2018	6/1/2018	CA TRMT-Level 2	23806	3/1/2020	7/1/2020
Brewer, Jonathan	Santa Maria CSA	Babb, Mike	CA DIST-Level 3	33678	11/1/2020	3/1/2021	CA TRMT-Level 2	36184	2/1/2020	6/1/2020
Brown, Derrick	Southwest	Villarreal, Ernesto	CA DIST-Level 1	16785	8/1/2018	12/1/2018				
Brown, Justin	Santa Maria CSA	Panosky, Megan	CA DIST-Level 4	34983	5/1/2020	9/1/2020	CA TRMT-Level 2	30961	3/1/2021	7/1/2021
Brown, Steven	Los Alamitos	Vecchiarelli, Ken	CA DIST-Level 5	5209	2/1/2019	6/1/2019	CA TRMT-Level 3	35067	6/1/2019	10/1/2019
Burfeindt, Stephen	Santa Maria CSA	Luongo, James	CA DIST-Level 4	41680	8/1/2019	12/1/2019	CA TRMT-Level 2	37725	5/1/2018	9/1/2018
Burk, Raymond	GSWC-Santa Fe Springs	Mathis, Richard	CA DIST-Level 5	22932	3/1/2018	7/1/2018	CA TRMT-Level 4	20815	1/1/2019	5/1/2019
Calvillo, Angelberto	Southwest District CSA	Salcido, Joe	CA DIST-Level 2	39047	7/1/2020	11/1/2020				
Camorlinga, Fernando	Southwest-Spring Street	Villarreal, Ernesto	CA DIST-Level 2	22542	8/1/2019	12/1/2019				
Carder, Jeffery	Arden Cordova CSA	Anderson, Travis	CA DIST-Level 2	35184	8/1/2018	12/1/2018	CA TRMT-Level 3	31271	12/1/2017	4/1/2018
Carlile, Zachary	Arden Cordova CSA	Twilla, Sean	CA DIST-Level 2	42363	8/1/2020	12/1/2020				
Carmona, Ernesto	Central Basin East	Rivera, Albert	CA DIST-Level 3	38732	12/1/2019	4/1/2020	CA TRMT-Level 2	32850	6/1/2019	10/1/2019
Carvel, Joseph	Placentia CSA	Webb, Delmus	CA DIST-Level 2	34630	1/1/2020	5/1/2020				
Castellanos, Miguel	Central Basin East Blackburn	Rivera, Albert	CA DIST-Level 2	45775	6/1/2018	10/1/2018				
Castro, Idez	Anaheim Hdqtrs	Yarbrough, Stan	CA DIST-Level 2	39657	2/1/2020	6/1/2020				
Cerda, Raul	Los Alamitos Field Ops	Brown, Steven	CA DIST-Level 2	17118	1/1/2020	5/1/2020				
Cervantes, Gaudencio	Torrance	Schwartz, Bill	CA DIST-Level 4	34754	11/1/2019	3/1/2020				
Christy, David	Orange County-Water Supply	Eikamp, David	CA DIST-Level 5	18173	11/1/2019	3/1/2020	CA TRMT-Level 3	25705	1/1/2019	5/1/2019
Cook, Kevin	Arden Cordova CSA	Twilla, Sean	CA DIST-Level 1	32762	12/1/2018	4/1/2019				
Cordova, Armando	Arden Cordova CSA	Twilla, Sean	CA DIST-Level 1	36135	1/1/2018	5/1/2018				
Corral, Arturo	Bissell Plant Field Office	Garten, Steven	CA DIST-Level 1	36070	12/1/2020	4/1/2021				
Correa, Jorge	Central Basin West CSA	Garten, Steven	CA DIST-Level 1	46506	10/1/018	2/1/2019				
Cowen, James	Wrightwood	Dahlstrom, Perry	CA DIST-Level 4	1736	4/1/2018	8/1/2018	CA TRMT-Level 3	10472	6/1/2019	10/1/2019

Employee	Office	Supervisor	Certification Level	Certification Number	Renewal Date	Expiration Date	Certification Level	Certification Number	Renewal Date	Expiration Date
Cox, Robert	Central Basin West CSA	Garten, Steven	CA DIST-Level 2	46795	1/1/2019	5/1/2019				
Dahlstrom, Perry	Mountain / Desert District Office	Scanlon, Patrick	CA DIST-Level 4	1902	4/1/2018	8/1/2018	CA TRMT-Level 3	8174	11/1/2018	3/1/2019
Daly, James	Placentia CSA	Webb, Delmus	CA DIST-Level 2	14802	12/1/2020	4/1/2021				
Dean, James	Apple Valley CSA	Ramirez, Jesse					CA TRMT-Level 1	37078	10/1/2020	2/1/2021
Delgado, Pedro	Central Basin West CSA	Garten, Steven	CA DIST-Level 1	29312	2/1/2020	6/1/2020				
Dengate, Jerome	Los Osos CSA	Lindstrom, Anthony	CA DIST-Level 2	44918	10/1/2020	2/1/2021	CA TRMT-Level 2	38467	3/1/2019	7/1/2019
Deward, James	Los Alamitos Field Ops	Brown, Steven	CA DIST-Level 2	46577	7/1/2019	11/1/2019	CA TRMT-Level 1	38824	6/1/2019	10/1/2019
Easley, Ben	Central District Office	Farah, Joe	CA DIST-Level 2	40821	12/1/2017	4/1/2018	CA TRMT-Level 2	38350	1/1/2019	5/1/2019
Eikamp, David	Orange County-Water Supply	Vecchiarelli, Ken	CA DIST-Level 3	8628	12/2/2017	4/1/2018	CA TRMT-Level 2	21947	7/1/2020	11/1/2020
Eleasaro, Eleasaro	Southwest Broadway	Villarreal, Ernesto	CA DIST-Level 2	37551	1/1/2018	5/1/2018				
Ellis, Dietrich	Southwest District CSA	Villarreal, Ernesto	CA DIST-Level 3	15412	5/1/2018	9/1/2018				
Estrada, Christopher	Placentia CSA	Webb, Delmus	CA DIST-Level 1	36828	6/1/2018	10/1/2018				
Estrada, Gilbert	Los Alamitos Field Ops	Brown, Steven	CA DIST-Level 3	7119	12/1/2020	4/1/2021	CA TRMT-Level 2	20837	1/1/2019	5/1/2019
Fernandez, Miguel	Simi Valley CSA	Rigg, Scott	CA DIST-Level 1	47863	8/1/2019	12/1/2019				
Fryer, Michael	Foothill District Office	Snay, Kyle	CA DIST-Level 3	16813	11/1/2018	3/1/2019	CA TRMT-Level 3	26142	2/1/2020	6/1/2020
Gallardo, Aaron	Central	Rivera, Albert	CA DIST-Level 1	34512	12/1/2019	4/1/2020	CA TRMT-Level 1	31993	3/1/2019	7/1/2019
Galvan, Edward	Southwest-Chadron Plant Field Office	Chakmak, Alex	CA DIST-Level 3	7133	4/1/2018	8/1/2018	CA TRMT-Level 2	18085	2/1/2020	6/1/2020
Gamboza, Cassidy	Culver City-Charmock	Pelayo, Victor	CA DIST-Level 1	48672	2/1/2020	6/1/2020				
Garcia, Jose	Central Basin West-Bissell Plant FO	Garten, Steven	CA DIST-Level 3	7722	9/1/2019	1/1/2020	CA TRMT-Level 2	30967	3/1/2018	7/1/2018
Garcia, Noe	Southwest	Villarreal, Ernesto	CA DIST-Level 1	48763	2/1/2020	6/1/2020				
Garcia, Phillip L.	Claremont CSA	Standi, John	CA DIST-Level 2	46645	6/1/2019	10/1/2019	CA TRMT-Level 1	40219	10/1/2019	2/1/2020
Garten, Steve	Central Basin West	Mathis, Richard	CA DIST-Level 5	5664	1/1/2020	3/1/2020	CA TRMT-Level 4	16451	7/1/2020	11/1/2020
Gill III, Billy	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	15355	1/1/2018	5/1/2018				
Gisler, Ernest	Rancho Cordova Office	Kruger, Denise	CA DIST-Level 2	10391	1/1/2021	5/1/2021	CA TRMT-Level 4	23782	1/1/2019	5/1/2019
Godsey, David	Calipatria CSA	Dahlstrom, Perry	CA DIST-Level 3	9748	11/1/2020	3/1/2021	CA TRMT-Level 4	12526	3/1/2018	7/1/2018
Gomez, Lorenzo	Culver City Charmock	Pelayo, Victor	CA DIST-Level 1	48212	1/1/2020	5/1/2020				
Gomez, Sonny	Southwest	Villarreal, Ernesto	CA DIST-Level 1	46248	7/1/2018	11/1/2018				
Gonzales, Carlos	Southwest-Spring Street	Salcido, Joe	CA DIST-Level 2	14237	12/1/2020	4/1/2021				
Gonzalez, Tina	Bay Point CSA	Schubert, Paul	CA DIST-Level 4	10277	8/1/2019	12/1/2019	CA TRMT-Level 3	23849	10/1/2018	2/1/2019
Guajardo, Russell	Foothill Water Supply-San Dimas	Wert, Dale	CA DIST-Level 3	28385	1/1/2018	3/1/2019	CA TRMT-Level 3	26651	12/1/2017	4/1/2018
Gue, Harold	San Dimas CSA	Standi, John	CA DIST-Level 2	7134	4/1/2018	8/1/2018	CA TRMT-Level 2	16461	7/1/2020	11/1/2020
Gutierrez, Nathan	Barstow CSA	Ramirez, Jesse	CA DIST-Level 1	47084	2/1/2019	6/1/2019				
Guzman, David	Southwest	Villarreal, Ernesto	CA DIST-Level 2	36362	2/1/2019	6/1/2019	CA TRMT-Level 1	34593	4/1/2018	8/1/2018
Haller, George	Orange County-Water Supply	Eikamp, David	CA DIST-Level 2	7723	5/1/2018	9/1/2018				
Haller, Joseph	Wrightwood	Cowen, James	CA DIST-Level 3	18481	9/1/2020	1/1/2021	CA TRMT-Level 2	20666	1/1/2019	5/1/2019
Hanford, Robert	Coastal District Office	Kruger, Denise	CA DIST-Level 1	16582	6/1/2019	10/1/2019				
Hanson, Brett	Central District Office	Hughes, John	CA DIST-Level 3	33036	3/1/2020	7/1/2020	CA TRMT-Level 2	29924	3/1/2018	7/1/2018
Henderson, Bill	Southwest District CSA	Villarreal, Ernesto	CA DIST-Level 1	17031	6/1/2020	10/1/2020				
Henry, Michael	Foothill Water Supply-San Dimas	Wert, Dale	CA DIST-Level 3	5542	1/1/2021	5/1/2021	CA TRMT-Level 3	8991	12/1/2019	4/1/2020
Hernandez, Armando	Blackburn Facility	Rivera, Albert	CA DIST-Level 2	46648	1/1/2020	5/1/2020	CA TRMT-Level 1	40306	10/1/2019	2/1/2020
Hernandez, Derek	Central Basin West	Garten, Steven	CA DIST-Level 2	43193	7/1/2019	11/1/2019	CA TRMT-Level 2	40588	3/1/2020	7/1/2020
Hernandez, Eric	San Gabriel-Saxon Plant Field Office	Nila, Robert	CA DIST-Level 3	40403	12/1/2019	4/1/2020				
Hernandez, Rick	Simi Valley CSA	Rigg, Scott	CA DIST-Level 1	22944	8/1/2018	12/1/2018				
Holland, Jack	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	8434	1/2/2018	5/2/2018				
Holm, Melynda	Central District Office	Burk, Raymond	CA DIST-Level 1	29956	8/1/2020	12/1/2020				
Huff, William	Foothill District Office	Khong, Edward	CA DIST-Level 3	24752	10/1/2018	2/1/2019	CA TRMT-Level 3	5048	9/1/2020	1/1/2021

Employee	Office	Supervisor	Certification Level	Certification Number	Renewal Date	Expiration Date	Certification Level	Certification Number	Renewal Date	Expiration Date
Hughes, John	Central District Office	Mathis, Richard	CA DIST-Level 3	8206	7/1/2020	11/1/2020	CA TRMT-Level 3	17883	5/2/2018	9/2/2018
Illia, Mark	Clearlake CSA	Ahart, Keith	CA DIST-Level 3	18499	6/1/2020	10/1/2020	CA TRMT-Level 4	24659	11/1/2019	3/1/2020
Ingram, Anton	Southwest-Spring Street	Salcido, Joe	CA DIST-Level 2	8984	4/1/2018	8/1/2018				
Insko, Mark	Rancho Cordova Office	McVicker, Robert	CA DIST-Level 2	41312	1/1/2018	5/1/2018	CA TRMT-Level 2	35050	9/1/2018	1/1/2019
Interrante, Richard	Placentia Field Office	Webb, Delmus	CA DIST-Level 1	23424	8/1/2019	12/1/2019				
Jaramillo, Lorenzo	Mountain / Desert District Office	Whitaker, Jim	CA DIST-Level 2	47725	7/1/2019	11/1/2019	CA TRMT-Level 2	38795	8/1/2019	12/1/2019
Johnson, Jarvis	San Dimas CSA	Standi, John	CA DIST-Level 3	29326	11/1/2020	3/1/2021	CA TRMT-Level 2	27130	12/1/2020	4/1/2021
Jones, John	Foothill District Office	Khong, Edward	CA DIST-Level 3	7135	4/1/2021	8/1/2021	CA TRMT-Level 2	17095	2/1/2019	6/1/2019
Juarez, Daniel	Apple Valley CSA	Ramirez, Jesse	CA DIST-Level 3	3486	6/1/2020	10/1/2020	CA TRMT-Level 2	12512	2/1/2019	6/1/2019
Kawamura, Joseph	Santa Maria CSA	Luongo, James	CA DIST-Level 5	8436	8/1/2020	12/1/2020	CA TRMT-Level 3	21586	4/1/2018	8/1/2018
Khong, Edward	Anaheim Hdqtrs	Phillips, Emory	CA DIST-Level 3	9591	2/1/2018	6/1/2018				
Kilgannon, Heather	Foothill District Office	White, Dawn	CA DIST-Level 3	5660	6/1/2020	10/1/2020	CA TRMT-Level 2	19209	6/1/2020	10/1/2020
Knox, Jessy	Santa Maria CSA	Luongo, James					CA TRMT-Level 2	38879	2/1/2020	6/1/2020
Larson, Brian	Barstow CSA	Ramirez, Jesse	CA DIST-Level 4	23349	2/1/2019	6/1/2019	CA TRMT-Level 2	27709	3/1/2018	7/1/2018
Leano, Eithan	San Dimas CSA	Standi, John	CA DIST-Level 4	32780	8/1/2020	12/1/2020	CA TRMT-Level 2	29417	3/1/2018	7/1/2018
Leon, Alberto	Southwest CSA	Villarreal, Ernesto	CA DIST-Level 1	47997	9/1/2019	1/1/2020				
Lewis, Brandon	Southwest CSA	Villarreal, Ernesto	CA DIST-Level 1	71/119	11/1/2019	1/28/2030	CA TRMT-Level 1	39062	9/1/2019	1/1/2020
Lindstrom, Anthony	Los Osos CSA	Zimmer, Mark	CA DIST-Level 4	5839	11/1/2020	3/1/2021	CA TRMT-Level 4	13340	7/1/2019	11/1/2019
Logan, Brian	Orange County-Water Supply	Eikamp, David	CA DIST-Level 3	15453	1/1/2019	5/1/2019	CA TRMT-Level 2	22246	7/1/2019	11/1/2019
Long, Helen	Anaheim Hdqtrs	Allen, Charles	CA DIST-Level 3	4398	8/1/2019	12/1/2019	CA TRMT-Level 3	17068	7/1/2020	11/1/2020
Lopez, Alicia	Southwest-Spring Street	Bancroft, Steven	CA DIST-Level 3	16963	9/1/2019	1/1/2020	CA TRMT-Level 2	28700	3/1/2018	7/1/2018
Lopez, James	Los Alamitos CSA	Ho-Sang, Jennifer	CA DIST-Level 2	17051	2/1/2020	6/1/2020				
Lopez, Paul	Simi Valley CSA	Rigg, Scott	CA DIST-Level 3	7136	2/1/2018	6/1/2018	CA TRMT-Level 2	25424	8/1/2018	12/1/2018
Lopez, Raul	Culver City Charnock	Pelayo, Victor	CA DIST-Level 1	39735	3/1/2020	7/1/2020				
Luongo, James	Ojai CSA	Zimmer, Mark	CA DIST-Level 5	6865	3/1/2020	7/1/2020	CA TRMT-Level 3	19931	2/1/2019	6/1/2019
Magana, Anthony	Southwest-Spring Street	Salcido, Joe	CA DIST-Level 2	24004	8/1/2018	12/1/2018				
Maldonado, Rudy	Southwest-Spring Street	Villarreal, Ernesto	CA DIST-Level 2	26454	2/1/2020	6/1/2020	CA TRMT-Level 1	32757	9/1/2019	11/2020
Marquez, Anthony	Chadron Plant FO	Bancroft, Steven	CA DIST-Level 2	31354	8/1/2018	9/1/2018	CA TRMT-Level 2	30596	10/1/2020	2/1/2021
Martinez, Gabriel	San Dimas CSA	Standi, John	CA DIST-Level 1	47293	6/1/2019	10/1/2019				
Mataiusi, David	Blackburn Facility	Rivera, Albert	CA DIST-Level 2	46468	1/1/2020	5/1/2020				
Mathis, Richard	Central District	Scanlon, Patrick	CA DIST-Level 5	6469	12/1/2020	4/1/2021	CA TRMT-Level 5	17734	6/1/2019	10/1/2019
Mavrakis, John	Central District Office	Farah, Joe					CA TRMT-Level 2	37081	10/1/2017	2/1/2018
Maxey, Emma	General Office	Switzer, Keith	CA DIST-Level 2	6331	3/1/2018	7/1/2018				
Maxwell, Richard	Clearlake CSA	Ahart, Keith	CA DIST-Level 2	37566	1/1/2019	5/1/2019	CA TRMT-Level 3	31562	2/1/2020	6/1/2020
McKay, Scott	Orange County-Water Supply	Eikamp, David	CA DIST-Level 3	14250	11/1/2019	3/1/2020	CA TRMT-Level 3	25921	12/1/2020	4/1/2021
McKay, Travis	Central Basin East Field Ops	Rivera, Albert	CA DIST-Level 1	22991	11/1/2020	3/1/2021				
McNabb, Jeffrey	Central District Office	Miller, Lisa	CA DIST-Level 2	34470	10/1/2020	2/1/2021	CA TRMT-Level 2	29658	9/1/2020	1/1/2021
Miller, Lisa	Central Basin	Pillai, Sunil					CA TRMT-Level 2	33057	3/1/2020	7/1/2020
Montoya, Anthony	Apple Valley CSA	Ramirez, Jesse	CA DIST-Level 2	43353	10/1/2018	2/1/2019	CA TRMT-Level 2	33929	2/1/2020	6/1/2020
Moore, Duane	Southwest-Spring Street	Villarreal, Ernesto	CA DIST-Level 2	7139	4/1/2018	8/1/2018	CA TRMT-Level 2	19084	2/1/2019	6/1/2019
Moore, Toby	Anaheim Hdqtrs	Gedney, William	CA DIST-Level 2	27989	3/1/2019	7/1/2019				
Morales, Arnaldo	San Dimas	Standi, John	CA DIST-Level 1	48027	9/1/2019	1/1/2020				
Murillo, Jose	Charnock	Nila, Robert	CA DIST-Level 2	39041	2/1/2019	6/1/2019				
Nankivell, Chase	Wrightwood	Cowen, James	CA DIST-Level 4	5559	5/1/2018	9/1/2018	CA TRMT-Level 3	16523	2/1/2020	6/1/2020
Neely, Kenneth	Los Osos CSA	Panofsky, Megan	CA DIST-Level 3	8440	12/1/2020	4/1/2020	CA TRMT-Level 2	24965	9/1/2018	1/1/2019
Negreros, Adriana	Southwest District CSA	Miller, Lisa	CA DIST-Level 2	7140	11/1/2020	3/1/2020	CA TRMT-Level 2	19525	8/1/2019	12/1/2019

Employee	Office	Supervisor	Certification Level	Certification Number	Renewal Date	Expiration Date	Certification Level	Certification Number	Renewal Date	Expiration Date
Newton, Donald	Barstow CSA	Ramirez, Jesse	CA DIST-Level 4	15363	1/1/2018	5/1/2018	CA TRMT-Level 2	27723	3/1/2018	7/1/2018
Nila, Robert	Culver City CSA	Lewis, Benjamin	CA DIST-Level 4	14255	2/1/2021	6/1/2021	CA TRMT-Level 1	20031	2/1/2020	6/1/2020
Nordin, Patrick	Barstow CSA	Ramirez, Jesse	CA DIST-Level 2	37058	2/1/2019	6/1/2019	CA TRMT-Level 1	38091	9/1/2018	1/1/2019
Nugent, Michael	Arden Cordova CSA	Anderson, Travis	CA DIST-Level 2	45906	7/1/2019	11/1/2019	CA TRMT-Level 2	37864	9/1/2019	1/1/2020
Nutting, Katherine	Southwest District CSA	Scanlon, Patrick	CA DIST-Level 2	23727	6/1/2020	10/1/2020	CA TRMT-Level 2	25936	3/1/2019	7/1/2019
Oby, Thomas	Arden Cordova CSA	Anderson, Travis	CA DIST-Level 3	32223	7/1/2018	11/1/2018	CA TRMT-Level 3	12871	10/1/2018	2/1/2019
Onsted, Derrick	Arden Cordova CSA	Twillia, Sean	CA DIST-Level 3	39115	10/1/2020	2/1/2021	CA TRMT-Level 2	28791	3/1/2019	7/1/2019
Ortega, Adam	Central Basin East	Rivera, Albert	CA DIST-Level 3	45522	6/1/2020	10/1/2020	CA TRMT-Level 2	40447	9/1/2020	1/1/2021
Ortiz (Hernandez), Ernesto	Culver City	Pelayo, Victor	CA DIST-Level 2	47731	7/1/2019	11/1/2019	CA TRMT-Level 2	38970	8/1/2019	12/1/2019
Ortiz, John	Blackburn Facility	Rivera, Albert	CA DIST-Level 3	39613	1/1/2019	5/1/2019	CA TRMT-Level 1	34592	4/1/2018	8/1/2018
Ortiz, Michael	Southwest	Salcido, Joe	CA DIST-Level 2	48669	6/1/2020	10/1/2020	CA TRMT-Level 1	40606	3/1/2020	7/1/2020
Ortiz, Vincent	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	15365	1/1/2018	5/1/2018				
Padilla, Miguel	Southwest-Spring Street	Salcido, Joe	CA DIST-Level 1	22975	8/1/2019	12/1/2019				
Pak, Chae Chin	Anaheim Hdqtrs	Combes, Adrian	CA DIST-Level 2	9400	2/1/2018	6/1/2018	CA TRMT-Level 2	30526	9/1/2020	1/1/2021
Panofsky (Meachum), Megan	Coastal District Office	Sinagra, Dane	CA DIST-Level 2	40780	11/1/2020	3/1/2021				
Pasalo, Alen	San Dimas office	Standi, John	CA DIST-Level 2		8/1/2019	12/1/2019				
Pelayo, Victor	Central	Mathis, Richard	CA DIST-Level 4	9593	2/1/2018	6/1/2018	CA TRMT-Level 2	32771	3/1/2020	7/1/2020
Pelayo, Victor Manuel	Southwest District CSA	Villarreal, Ernesto	CA DIST-Level 1	32915	1/1/2019	5/1/2019				
Penilla, Derrick	Claremont CSA	Nila, Robert	CA DIST-Level 2	48268	1/1/2020	5/1/2020	CA TRMT-Level 2	40507	2/1/2020	6/1/2020
Penrod, Keith	Foothill Water Supply-San Dimas	Standi, John	CA DIST-Level 4	7123	3/1/2020	7/1/2020	CA TRMT-Level 3	17727	12/1/2019	4/1/2020
Peral, Jesus	Southwest-Spring Street	Salcido, Joe	CA DIST-Level 1	28496	8/1/2019	12/1/2019				
Porterfield, James	Wrightwood	Cowen, James	CA DIST-Level 4	29660	8/1/2020	12/1/2020	CA TRMT-Level 2	27468	1/1/2021	5/1/2021
Poti, Pua	Placentia Field Office	Webb, Delmus	CA DIST-Level 1	23438	6/1/2020	10/1/2020				
Quick, Donald	Southwest-Chadron Plant Field Office	Bancroft, Steven	CA DIST-Level 3	38109	1/1/2018	5/1/2018	CA TRMT-Level 3	32470	2/1/2019	6/1/2019
Quintana, Daniel	Los Alamitos Field Ops	Brown, Steven	CA DIST-Level 2	46416	1/1/2020	5/1/2020				
Quintanilla, Eiseo	Southwest-Spring Street	Villarreal, Ernesto	CA DIST-Level 5	22974	9/1/2018	1/1/2019	CA TRMT-Level 2	30822	3/1/2019	7/1/2019
Ramirez, Jesse	Barstow CSA	Dahlstrom, Perry	CA DIST-Level 5	2414	11/1/2019		CA TRMT-Level 3	9735	11/1/2018	3/1/2019
Ramirez, Victor	Central District Office	Hughes, John	CA DIST-Level 3	32301	2/1/2018	6/1/2018	CA TRMT-Level 2	34932	9/1/2018	1/1/2019
Reineke, Zachary	Los Osos CSA	Lindstrom, Anthony	CA DIST-Level 3	38773	10/1/2018	2/1/2019	CA TRMT-Level 2	34038	9/1/2018	1/1/2019
Reuter, Jonathan	Blackburn Facility	Rivera, Albert	CA DIST-Level 1	49141	7/1/2020	11/1/2020				
Reyes, Roberto	Southwest-Spring Street	Salcido, Joe	CA DIST-Level 4	26457	2/1/2020	6/1/2020	CA TRMT-Level 2	25807	10/1/2019	2/1/2020
Rigg, Scott	Simi Valley CSA	Rigg, Scott	CA DIST-Level 5	6670	12/1/2018	4/1/2019	CA TRMT-Level 2	19106	2/1/2019	6/1/2019
Rinde, Bryan	Rancho Cordova Office	White, Dawn	CA DIST-Level 2	44179	5/1/2020	9/1/2020				
Ringer, James	Claremont CSA	Standi, John	CA DIST-Level 3	5567	4/1/2018	8/1/2018	CA TRMT-Level 2	16539	7/1/2020	11/1/2020
Rippe, Gregory	Clearlake CSA	Ahart, Keith	CA DIST-Level 3	27273	10/1/2020	2/1/2021	CA TRMT-Level 3	26057	2/1/2018	6/1/2018
Rivas, Julia	Claremont CSA	Standi, John	CA DIST-Level 2	33626	8/1/2018	12/1/2018	CA TRMT-Level 2	32397	9/1/2020	1/1/2021
Rivera, Albert	Central Basin East CSA	Mathis, Richard	CA DIST-Level 5	5676	10/1/2020	2/1/2021	CA TRMT-Level 3	16051	8/1/2019	12/1/2019
Rivera, Armando (Orozco)	Calipatria CSA	Godsey, David	CA DIST-Level 3	41486	7/1/2019	11/1/2019	CA TRMT-Level 2	34666	2/1/2018	6/1/2018
Rivera, Jose	Los Alamitos Field Ops	Eikamp, David	CA DIST-Level 2	30175	9/1/2020	1/1/2021	CA TRMT-Level 2	27921	10/1/2019	2/1/2020
Roberts, Donald	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	35033	1/1/2018	5/1/2018	CA TRMT-Level 1	31170	3/1/2018	7/1/2018
Robles, Alfonso	Claremont CSA	Standi, John	CA DIST-Level 1	24751	12/1/2017	4/1/2018				
Rodriguez, Edgar	Los Alamitos CSA	Brown, Steven	CA DIST-Level 2	42825	5/1/2019	9/1/2019	CA TRMT-Level 2	35624	5/1/2019	9/1/2019
Rodriguez, Fernando	Foothill District Office	Standi, John	CA DIST-Level 2	47991	3/1/2020	7/1/2020	CA TRMT-Level 1	39063	9/1/2019	1/1/2020
Rodriguez, Jesse	Southwest-Spring Street	Villarreal, Ernesto	CA DIST-Level 2	38960	1/1/2019	5/1/2019	CA TRMT-Level 2	35416	9/1/2019	1/1/2020
Rowley, Paul	Procurement	Kruger, Denise	CA DIST-Level 5	10214	6/1/2019	10/1/2019	CA TRMT-Level 3	10578	7/1/2019	11/1/2019
Saenz, Hilton	Claremont CSA	Pelayo, Victor	CA DIST-Level 4	38152	1/1/2020	5/1/2020	CA TRMT-Level 2	34598	9/1/2019	1/1/2020

Employee	Office	Supervisor	Certification Level	Certification Number	Renewal Date	Expiration Date	Certification Level	Certification Number	Renewal Date	Expiration Date
Salcido, Joseph	San Dimas CSA	Zimmer, Mark	CA DIST-Level 4	23484	12/1/2020	4/1/2021	CA TRMT-Level 2	27373	10/1/2020	2/1/2021
Santanello, Daniel	Foothill CSA	Wert, Dale	CA DIST-Level 2	41872	1/1/2019	5/1/2019	CA TRMT-Level 1	35492	3/1/2019	7/1/2019
Santos, Romeo	San Dimas CSA	Standi, John	CA DIST-Level 2	5570	3/1/2018	7/1/2018	CA TRMT-Level 2	17182	2/1/2019	6/1/2019
Scanlon, Patrick	Anaheim Hdqtrs	Kruger, Denise	CA DIST-Level 3	2961	12/1/2020	4/1/2021	CA TRMT-Level 3	10901	11/1/2019	3/1/2020
Schubert, Paul	Rancho Cordova Office	Rowley, Paul	CA DIST-Level 2	8177	11/1/2020	3/1/2021	CA TRMT-Level 4	14931	8/1/2020	12/1/2020
Scott, Ryan	Simi Valley CSA	Rigg, Scott	CA DIST-Level 1	42116	11/1/2018	3/1/2019	CA TRMT-Level 1	40146	9/1/2019	1/1/2020
Serna, Hector	Southwest	Villarreal, Ernesto	CA DIST-Level 4	35203	10/1/2018	2/1/2019	CA TRMT-Level 2	30969	3/1/2018	7/1/2018
Shaffer, Ned	Placentia Field Office	Webb, Delmus	CA DIST-Level 2	7141	12/1/2017	4/1/2018				
Shankle, Keith	Arden Cordova CSA	Twilla, Sean	CA DIST-Level 2	29747	8/1/2018	12/1/2018				
Shapiro, Matthew	Southwest-Spring Street	Salcido, Joe	CA DIST-Level 3	43122	5/1/2019	9/1/2019	CA TRMT-Level 2	36999	9/1/20	1/1/2021
Sheriff, James	Barstow CSA	Ramirez, Jesse	CA DIST-Level 2	36367	12/1/2019	4/1/2020				
Silva, Darryl	San Gabriel-Saxon Plant Field Office	Nila, Robert	CA DIST-Level 1	49172	7/1/2020	11/1/2020				
Silver, Adam	Bay Point CSA	Gonzalez, Tina	CA DIST-Level 1	47310	6/1/2019	10/1/2019	CA TRMT-Level 2	38975	8/1/2019	12/1/2019
Simmons, Dennis	Los Alamitos CSA	Ho-Sang, Jennifer	CA DIST-Level 1	24531	8/1/2018	12/1/2018				
Sinagra, Dane	Rancho Cordova Office	Gisler, Ernest	CA DIST-Level 2	36932	6/1/2018	10/1/2018	CA TRMT-Level 2	30284	9/1/2017	1/1/2018
Smith, Eric	General Office	Brown, Gary	CA DIST-Level 1	25789	4/1/2018	8/1/2018				
Snay, Kyle	Foothill District Office	Lewis, Benjamin	CA DIST-Level 2	23759	8/1/2020	12/1/2020				
Solo, Jose	Los Alamitos Field Ops	Brown, Steven	CA DIST-Level 2	14257	2/1/2021	6/1/2021				
Standi, John	San Dimas CSA	Lewis, Benjamin	CA DIST-Level 5	3718	10/1/2019	2/1/2020	CA TRMT-Level 3	12598	2/1/2020	6/1/2020
Starr, Douglas	Foothill District Office	Wert, Dale	CA DIST-Level 4	36861	12/1/2020	4/1/2021	CA TRMT-Level 3	32225	3/1/2019	7/1/2019
Stephens, David	Foothill Water Supply-San Dimas	Standi, John	CA DIST-Level 2	5679	4/1/2018	8/1/2018				
Stephens, John	Foothill District Office	Wert, Dale	CA DIST-Level 4	7728	4/1/2018	8/1/2018	CA TRMT-Level 2	35415	3/1/2020	7/1/2020
Stewart, Brian	Bay Point CSA	Gonzalez, Tina	CA DIST-Level 2	39322	11/1/2020	5/1/2020				
Stocking, Seth	Los Osos CSA	Lindstrom, Anthony	CA DIST-Level 2	42333	7/1/2019	11/1/2019	CA TRMT-Level 2	35788	9/1/2019	1/1/2020
Stone, David	Central District Water Supply	Hughes, John	CA DIST-Level 4	32061	11/1/2020	3/1/2021	CA TRMT-Level 3	29929	7/1/2018	11/1/2018
Storm, Dave	Southwest-Chadron Plant Field Office	Bancroft, Steven	CA DIST-Level 1	23490	9/1/2020	1/1/2021				
Suarez, David	Placentia CSA	Webb, Delmus	CA DIST-Level 2	29345	7/1/2020	11/1/2020				
Suh, Johnny	Arden Cordova CSA	Twilla, Sean	CA DIST-Level 1	24529	8/1/2018	12/1/2018				
Talamantes, Christian	San Dimas CSA	Standi, John	CA DIST-Level 2	42334	7/1/2019	11/1/2019				
Torres, Anthony	Central District Office	Hughes, John	CA DIST-Level 4	30685	8/1/2019	12/1/2019	CA TRMT-Level 3	27782	1/1/2021	5/1/2021
Tovar, Steven	Los Alamitos CSA	Brown, Steven	CA DIST-Level 1	47292	6/1/2019	10/1/2019				
Trujillo, Manuel	Central District Office	Farah, Joe	CA DIST-Level 3	5682	5/1/2018	9/1/2018	CA TRMT-Level 3	17705	10/1/2020	2/1/2021
Twilla, Sean	Rancho Cordova Office	Schubert, Paul	CA DIST-Level 4	30998	4/1/2019	8/1/2019	CA TRMT-Level 4	28287	7/1/2020	11/1/2020
Urban, Matej	Arden Cordova CSA	Anderson, Travis	CA DIST-Level 2	45203	7/1/2018	11/1/2018	CA TRMT-Level 3	36615	9/1/2020	1/1/2021
Uribe, Jose	Calipatria CSA	Godsey, David	CA DIST-Level 4	18609	7/1/2019	11/1/2019	CA TRMT-Level 4	22509	5/1/2019	9/1/2019
Usrey, Dennis	Arden Cordova CSA	Twilla, Sean	CA DIST-Level 3	18610	1/1/2019	5/1/2019	CA TRMT-Level 1	28288	9/1/2018	1/1/2019
Valencia, Sean	Blackburn Facility	Rivera, Albert	CA DIST-Level 1	48606	1/1/2020	5/1/2020				
Van Hauwaert, James	Central District Water Supply	Hughes, John	CA DIST-Level 3	5541	5/1/2018	9/1/2018	CA TRMT-Level 3	14938	8/1/2019	12/1/2019
Velez, Douglas	Southwest-Spring Street	Cervantes, Gaudencio	CA DIST-Level 2	22972	12/1/2020	4/1/2020				
Ventura, Conde	Southwest-Spring Street	Cervantes, Gaudencio	CA DIST-Level 4	33813	5/1/2020	9/1/2020	CA TRMT-Level 2	34086	9/1/2020	1/1/2021
Villalpando, Adolph	Central Basin West Field Ops	Garten, Steven	CA DIST-Level 2	27656	2/1/2019	6/1/2019	CA TRMT-Level 2	25953	3/1/2019	7/1/2019
Villarreal, Ernesto	Southwest-Spring Street	Nutting, Kate	CA DIST-Level 4	30814	2/1/2018	6/1/2018	CA TRMT-Level 2	28660	3/1/2020	7/1/2020
Vorhies, Kirby	Santa Maria CSA	Luongo, James	CA DIST-Level 3	3672	2/1/2018	6/1/2018	CA TRMT-Level 2	12007	2/1/2020	6/1/2020
Wade, Wesley	San Dimas CSA	Standi, John	CA DIST-Level 1	23978	8/1/2018	12/1/2018				
Walker, Nathan	Barstow CSA	Ramirez, Jesse	CA DIST-Level 2	43020	7/1/2019	11/1/2019	CA TRMT-Level 2	38452	2/1/2019	6/1/2019
Webb, Delmus	Los Alamitos CSA	Vecchiarelli, Ken	CA DIST-Level 5	4419	1/1/2021	5/1/2021	CA TRMT-Level 2	29676	8/1/2018	12/1/2018

Employee	Office	Supervisor	Certification Level	Certification Number	Renewal Date	Expiration Date	Certification Level	Certification Number	Renewal Date	Expiration Date
Webb, La Keishia	Southwest-Spring Street	Cervantes, Gaudencio	CA DIST-Level 2	22622	8/1/2018	12/1/2018				
Wert, Dale	Foothill District Office	Lewis, Benjamin	CA DIST-Level 4	15517	3/1/2020	7/1/2020	CA TRMT-Level 2	26164	7/1/2019	11/1/2019
Wesselhoff, Kevin	Central Basin West CSA	Garten, Steven	CA DIST-Level 2	44378	7/1/2020	11/1/2020				
Whitaker, James	Apple Valley CSA	Dahistrom, Perry	CA DIST-Level 2	27260	10/1/2018	2/1/2019	CA TRMT-Level 3	23603	9/1/2019	1/1/2020
Yarbrough, Stanley	Orange County District Office	Vecchiarelli, Ken	CA DIST-Level 2	15521	4/1/2018	8/1/2018				
Zamora, Manuel	Calipatria CSA	Godsey, David	CA DIST-Level 4	23041	8/1/2018	12/1/2018	CA TRMT-Level 4	16843	5/1/2020	9/1/2020
Zimmer, Mark	Los Osos CSA	Scanlon, Patrick	CA DIST-Level 5	23523	3/1/2020	7/1/2020	CA TRMT-Level 3	25689	7/1/2018	11/1/2018

**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	1,607,509,267	1,560,181,195	
3	101	Recycled Water Utility Plant	A-1b	-	-	
4	107	Utility Plant Adjustments	A-2	-	-	
5		Total Utility Plant		\$ 1,607,509,267	\$ 1,560,181,195	
6	250	Reserve for depreciation of utility plant	A-5	(453,874,964)	(450,776,165)	
7	251	Reserve for amortization of limited term utility investments	A-5	(23,476,069)	(28,332,418)	
8	252	Reserve for amortization of utility plant acquisition adjustments	A-5	-	-	
9	259	Reserve for depreciation and amortization of recycled water utility plant	A-5	-	-	
10		Total utility plant reserves		\$ (477,351,033)	\$ (479,108,583)	
11		Total utility plant less reserves		\$ 1,130,158,234	\$ 1,081,072,612	
12						
13		II. INVESTMENT AND FUND ACCOUNTS				
14	110	Other Physical Property	A-3	117,023,773	112,049,392	
15	253	Reserve for depreciation and amortization of other property	A-5	(44,582,411)	(42,951,604)	
16		Other physical property less reserve		\$ 72,441,362	\$ 69,097,788	
17	111	Investments in Affiliated Companies	A-6	-	-	
18	112	Other Investments	A-7	17,613,738	14,110,409	
19	113	Sinking Funds	A-8	-	-	
20	114	Miscellaneous Special Funds	A-9	-	-	
21		Total investments and fund accounts		\$ 90,055,100	\$ 83,208,197	
22						
23		III. CURRENT AND ACCRUED ASSETS				
24	120	Cash	A-10	185,531	178,905	
25	121	Special Deposits	A-11	-	-	
26	122	Working Funds	A-12	28,868	29,868	
27	123	Temporary Cash Investments	A-13	-	-	
28	124	Notes Receivable	A-14	-	-	
29	125	Accounts Receivable including unbilled receivables	A-15	51,941,368	40,407,388	
30	126	Receivables from Affiliated Companies	A-16	-	-	
31	131	Materials and Supplies	A-17	4,045,579	3,724,251	
32	132	Prepayments	A-18	13,414,535	27,107,917	
33	133	Other Current and Accrued Assets	A-19	-	-	
34		Total Current and Accrued Assets		\$ 69,615,881	\$ 71,448,329	
35						
36		IV. DEFERRED DEBITS				
37	140	Unamortized Debt Discount and Expense	A-20	3,902,610	4,270,746	
38	141	Extraordinary Property Losses	A-22	-	-	
39	142	Preliminary Survey and Investigation Charges	A-23	-	39,195	
40	143	Clearing Accounts	A-24	-	-	
41	145	Other Work in Progress	A-25	-	-	
42	146	Other Deferred Debits	A-26	109,722,791	152,964,838	
43	147	Accumulated Deferred Income Tax Assets	A-27	-	-	
44		Total Deferred Debits		\$ 113,625,401	\$ 157,274,779	
45		Total Assets and Other Debits		\$ 1,403,454,616	\$ 1,393,003,917	

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	242,180,607	240,481,591
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	-	-
55	271	Earned Surplus	A-35	231,446,305	205,541,927
56		Total Capital Stock		\$ 473,626,912	\$ 446,023,518
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	-	-
65	211	Receivers' Certificates	A-39	-	-
66	212	Advances from Affiliated Companies	A-40	-	-
67	213	Miscellaneous Long-Term Debt	A-41	324,941,279	325,251,629
68		Total Long-Term Debt		\$ 324,941,279	\$ 325,251,629
69					
70		IV. CURRENT AND ACCRUED LIABILITIES			
71	220	Notes Payable	A-43	324,235	329,539
72	221	Notes Receivable Discounted	A-44	-	-
73	222	Accounts Payable	A-45	42,906,630	34,989,704
74	223	Payables to Affiliated Companies	A-46	35,356,219	62,246,265
75	224	Dividends Declared	A-47	-	-
76	225	Matured Long-Term Debt	A-48	-	-
77	226	Matured Interest	A-49	-	-
78	227	Customers' Deposits	A-50	1,086,627	1,145,660
79	228	Taxes Accrued	A-53	7,450,704	9,157,566
80	229	Interest Accrued	A-51	3,585,188	3,588,231
81	230	Other Current and Accrued Liabilities	A-52	22,702,033	20,447,138
82		Total Current and Accrued Liabilities		\$ 113,411,636	\$ 131,904,103
83					
84		V. DEFERRED CREDITS			
85	240	Unamortized Premium on Debt	A-21	-	-
86	241	Advances for Construction (water and electric)	A-54	70,750,736	73,052,586
87	242	Other Deferred Credits	A-55	168,538,809	62,050,257
88		Total Deferred Credits		\$ 239,289,545	\$ 135,102,843
89					
90		VI. ACCUMULATED DEFERRED TAXES			
91	266	Accumulated Deferred Income Taxes - Accelerated Tax Depreciation	A-58	-	-
92	267	Accumulated Deferred Income Taxes - Other	A-59	120,780,302	227,797,787
93	268	Accumulated Deferred Investment Tax Credits	A-60	1,435,607	1,529,078
94		Total Accumulated Deferred Taxes		\$ 122,215,909	\$ 229,326,865
95					
96		VII. RESERVES			
97	254	Reserve for Uncollectible Accounts	A-56	865,452	760,764
98	255	Insurance Reserve	A-56	391,824	412,979
99	256	Injuries and Damages Reserve	A-56	5,109,978	3,703,085
100	257	Employees' Provident Reserve	A-56	-	-
101	258	Other Reserves	A-56	-	-
102		Total Reserves		\$ 6,367,254	\$ 4,876,828
103					
104		VIII. CONTRIBUTIONS IN AID OF CONSTRUCTION			
105	265	Contributions in Aid of Construction (water and electric)	A-57	111,889,963	109,631,879
106	265	Contributions in Aid of Construction-Publicly funded grant plant-water (Prop 50 & ARRA-net)	A-57	11,712,118	10,886,252
107		Total Liabilities and Other Credits		\$ 1,403,454,616	\$ 1,393,003,917

Class A Water Utilities Annual Report's ("Report's") References to Account 266, including
Schedule A-58

The Uniform System of Accounts for Class A Water Utilities does not include an Account 266. D.16-11-006, which is the Commission's final decision in R.15-11-014, does state that Account 266 was added to the USOA, and the Summary of Changes in Appendix A lists Account 266 as one being added with that decision. However, the actual USOA attached to that decision does not include Account 266, and there is no description of such an account. In this report, GSWC has reported deferred income tax liabilities in Account 267 in conformance with the description of Account 267 in the USOA.

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	\$ 304,480,221
3				
4		Operating Revenue Deductions:		
5	502	Operating Expenses	B-2	147,674,932
6	503	Depreciation	A-5	33,430,275.19
7	504	Amortization of Limited-term Utility Investments	A-5	1,402,005.35
8	505	Amortization of Utility Plant Acquisition Adjustments	A-5	-
9	506	Property Losses Chargeable to Operations	B-3	-
10	507	Taxes	B-4	60,614,571
11		Total Operating Revenue Deductions		\$ 243,121,783
12		Net Operating Revenues		\$ 61,358,437
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		\$ 61,358,437
16				
17		II. OTHER INCOME		
18	521	Income from Nonutility Operations (Net)	B-8	4,027,763
19	522	Revenue from Lease of Other Physical Property	B-9	-
20	523	Dividend Revenues	B-10	-
21	524	Interest Revenues	B-11	1,760,651
22	525	Revenues from Sinking and Other Funds	B-12	-
23	526	Miscellaneous Nonoperating Revenues	B-13	14,034,122
24	527	Nonoperating Revenue Deductions	B-14	(6,648,149)
25		Total Other Income		\$ 13,174,387
26		Net Income before Income Deductions		\$ 74,532,824
27				
28		III. INCOME DEDUCTIONS		
29	530	Interest on Long-term Debt	B-15	19,423,015
30	531	Amortization of Debt Discount and Expense	B-16	438,674
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	(6,565)
34	535	Other Interest Charges	B-20	814,298
35	536	Interest Charged to Construction - Cr.	B-21	-
36	537	Miscellaneous Amortization	B-22	-
37	538	Miscellaneous Income Deductions	B-23	106,694
38		Total Income Deductions		\$ 20,776,116
39		Net Income		\$ 53,756,708
40				
41		IV. DISPOSITION OF NET INCOME		
42	540	Miscellaneous Reservations of Net Income	B-24	-
43				
44		Balance transferred to Earned Surplus or		\$ 53,756,708
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)	\$ 1,511,009,155	\$ 104,163,241	\$ (59,373,119)	\$ 441,210	\$ 1,556,240,487
2	100.2	Utility Plant Leased to Others					-
3	100.3	Construction Work in Progress	56,587,231	108,943,629		(106,846,889)	58,683,971
4	100.4	Utility Plant Held for Future Use					-
5	100.5	Utility Plant Acquisition Adjustments	(7,415,191)				(7,415,191)
6	100.6	Utility Plant in Process of Reclassification					-
7		Total utility plant	\$ 1,560,181,195	\$ 213,106,870	\$ (59,373,119)	\$ (106,405,679)	\$ 1,607,509,267

**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	\$ 253,086	\$ -	\$ (165)	\$ -	\$ 252,921
3	302	Franchises and Consents	152,295	-	(5,348)	-	146,947
4	303	Other Intangible Plant	35,867,995	457,702	(4,480,900)	(2,866,709)	28,978,089
5		Total Intangible Plant	\$ 36,273,376	\$ 457,702	\$ (4,486,413)	\$ (2,866,709)	\$ 29,377,957
6							
7		II. LANDED CAPITAL					
8	306	Land and Land Rights	\$ 15,254,592	\$ -	\$ (497,966)	\$ 4,103	\$ 14,760,729
9							
10		III. SOURCE OF SUPPLY PLANT					
11	311	Structures and Improvements	297,517	-	-	-	297,517
12	312	Collecting and Impounding Reservoirs	1,536,978	562,195	(191,704)	-	1,907,469
13	313	Lake, River and Other Intakes	6,159	-	-	-	6,159
14	314	Springs and Tunnels	-	-	-	-	-
15	315	Wells	58,383,807	3,867,480	(3,394,810)	176,097	59,032,574
16	316	Supply Mains	25,545,670	818,504	(365,086)	18,811	26,017,899
17	317	Other Source of Supply Plant	907,212	-	(4,541)	-	902,671
18		Total Source of Supply Plant	\$ 86,677,343	\$ 5,248,179	\$ (3,956,141)	\$ 194,908	\$ 88,164,289
19							
20		IV. PUMPING PLANT					
21	321	Structures and Improvements	22,160,262	1,287,481	(376,261)	127,743	23,199,225
22	322	Boiler Plant Equipment	-	-	-	-	-
23	323	Other Power Production Equipment	-	-	-	-	-
24	324	Pumping Equipment	134,298,432	11,341,045	(6,370,427)	482,160	139,751,210
25	325	Other Pumping Plant	12,892,716	2,186,560	(340,589)	15	14,738,702
26		Total Pumping Plant	\$ 169,351,410	\$ 14,815,085	\$ (7,087,277)	\$ 609,918	\$ 177,689,137
27							
28		V. WATER TREATMENT PLANT					
29	331	Structures and Improvements	16,765,742	1,365,886	(68,261)	1,895	18,065,263
30	332	Water Treatment Equipment	57,042,423	3,425,182	(1,038,734)	732,103	60,160,974
31		Total Water Treatment Plant	\$ 73,808,165	\$ 4,791,068	\$ (1,106,995)	\$ 733,998	\$ 78,226,237

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)
32		VI. TRANSMISSION AND DIST. PLANT					
33	341	Structures and Improvements	1,428,336	(57,925)	-	-	1,370,411
34	342	Reservoirs and Tanks	70,029,386	1,550,721	(2,878,084)	714,788	69,416,811
35	343	Transmission and Distribution Mains	583,341,574	45,487,923	(14,204,982)	1,109,735	615,734,250
36	344	Fire Mains	7,547,963	965,279	(127,685)	-	8,385,556
37	345	Services	199,581,901	17,239,452	(6,525,001)	-	210,296,351
38	346	Meters	61,283,248	4,326,742	(2,123,100)	-	63,486,890
39	347	Meter Installations	-	-	-	-	-
40	348	Hydrants	80,625,465	5,230,663	(1,641,929)	-	84,214,198
41	349	Other Transmission and Distribution Plant	2,301,785	301,348	(21,132)	-	2,582,001
42		Total Transmission and Distribution Plant	\$ 1,006,139,658	\$ 75,044,202	\$ (27,521,914)	\$ 1,824,523	\$ 1,055,486,469
43							
44		VII. GENERAL PLANT					
45	371	Structures and Improvements	20,385,566	567,455	(401,767)	65,283	20,616,538
46	372	Office Furniture and Equipment	58,081,607	2,012,742	(12,397,983)	-	47,696,366
47	373	Transportation Equipment	13,428,351	991,824	(938,825)	(120,632)	13,360,718
48	374	Stores Equipment	-	-	-	-	-
49	375	Laboratory Equipment	42,504	4,546	(9,443)	-	37,608
50	376	Communication Equipment	1,166,731	3,287	(162,945)	(4,183)	1,002,890
51	377	Power Operated Equipment	5,675,908	29,204	(375,411)	-	5,329,701
52	378	Tools, Shop and Garage Equipment	4,446,712	215,079	(293,479)	-	4,368,312
53	379	Other General Plant	1,081,868	(17,134)	(66,496)	-	998,239
54		Total General Plant	\$ 104,309,247	\$ 3,807,004	\$ (14,646,347)	\$ (59,532)	\$ 93,410,373
55							
56		VIII. UNDISTRIBUTED ITEMS					
57	390	Other Tangible Property	103,221	-	(70,067)	-	33,154
58	391	Utility Plant Purchased	19,092,143	-	-	-	19,092,143
59	392	Utility Plant Sold	-	-	-	-	-
60		Total Undistributed Items	\$ 19,195,364	\$ -	\$ (70,067)	\$ -	\$ 19,125,297
61		Total Utility Plant in Service	\$ 1,511,009,155	\$ 104,163,241	\$ (59,373,119)	\$ 441,210	\$ 1,556,240,487

* The retirements during the year includes - \$28,578,222 relating to the sale of Ojai.

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					
2					
3					
4					
5					Total \$ -

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

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	None			
2				
3				
4				
5				
6				
7				
8				
9			Total	\$ -

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	None		
2			
3			
4			
5	Total	\$ -	\$ -

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	Arden Cordova	20,210	20,210
2	Barstow	87,904	87,904
3	Desert	560	560
4	Metropolitan	167,778	167,778
5	Orange County	63,819	63,819
6	Pomona Valley	11,040	-
7	San Dimas	266,781	266,781
8	San Gabriel	7,004	7,004
9	Santa Maria	6,331	6,331
10	Simi Valley	5,775	5,775
11	Wrightwood	164,984	164,984
12	Claremont	7,920	18,960
13	Bear Valley Electric	550	550
14	Rate base disallowance assets, net of depreciation reserves	7,957,734	7,836,118
15	Subtotal	\$8,768,390	\$8,646,774
16	State Water Project- other non-regulated	4,049,150	3,849,492
17	Electric utility plant (including CWIP)	99,231,852	104,527,507
18	Total	\$112,049,392	\$117,023,773

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

Line No.	Acct.	Title of Account (a)	Balance 12/31/2017 (b)	Balance 1/1/2017 (c)
		RATE BASE		
1		Utility Plant		
2		Plant in Service	1,494,238,480	1,439,484,118
3		Construction Work in Progress	53,323,914	55,003,161
4		General Office Prorate	(6,602,890)	(6,602,890)
5		Total Gross Plant (=Line 2 + Line 3 + Line 4)	\$ 1,540,959,504	\$ 1,487,884,389
6		Less Accumulated Depreciation		
7		Plant in Service	447,148,161	442,527,914
8		General Office Prorate		
9		Total Accumulated Depreciation (=Line 7 + Line 8)	\$ 447,148,161	\$ 442,527,914
10		Less Other Reserves		
11		Deferred Income Taxes	190,888,035	178,085,703
12		Deferred Investment Tax Credit	1,438,046	1,531,517
13		Other Reserves	3,171,412	2,950,579
14		Total Other Reserves (=Line 11 + Line 12 + Line 13)	\$ 195,497,493	\$ 182,567,799
15		Less Adjustments		
16		Contributions in Aid of Construction	109,612,104	108,140,242
17		Advances for Construction	64,217,608	66,364,743
18		Other		
19		Total Adjustments (=Line 16 + Line 17 + Line 18)	\$ 173,829,712	\$ 174,504,985
20		Add Materials and Supplies	\$ 2,831,967	\$ 2,812,514
21		Add Working Cash (=Line 34)	(769,747)	(662,165)
22		Add General Office, Regions, District Office and CSA allocation	26,990,095	24,756,298
23		TOTAL RATE BASE		
24		(=Line 5 - Line 9 - Line 14 - Line 19 + Line 20 + Line 21+Line 22)	\$ 753,536,453	\$ 715,190,337
		Working Cash		
24		Determination of Operational Cash Requirement		
25		Operating Expenses, Excluding Taxes, Depreciation & Uncollectible		
26		Purchased Power & Commodity for Resale*		
27		Meter Revenues: Bimonthly Billing		
28		Other Revenues: Flat Rate Monthly Billing		
29		Total Revenues (=Line 27 + Line 28)		
30		Ratio - Flat Rate to Total Revenues (=Line 28 / Line 29)		
31		5/24 x Line 25 x (100% - Line 30)		
32		1/24 x Line 25 x Line 30		
33		1/12 x Line 26		
34		Operational Cash Requirement (=Line 31 + Line 32 - Line 33)	\$ (769,747)	\$ (662,165)
		* 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	\$ 450,776,165	\$ 28,332,418		\$ 42,951,604	
2	Add: Credits to reserves during year					
3	(a) Charged to Account 503 ⁽¹⁾	33,613,736	1,387,271		2,146,273	
	(b) Charged to Account 504 ⁽¹⁾	-	-		10,595	
	(c) Charged to Account 505 ⁽¹⁾	-	-		135,371	
4	(d) Charged to Account 265	3,439,404	28,416		23,890	
5	(e) Charged to clearing accounts	1,427,195	-		-	
6	(f) Salvage recovered	204,802	-			
7	(g) All other credits ⁽²⁾	2,690,970	-		-	
8	Total credits	\$ 41,376,107	\$ 1,415,687	\$ -	\$ 2,316,129	\$ -
9	Deduct: Debits to reserves during year					
10	(a) Book cost of property retired	(26,643,399)	(4,101,442)		(355,865)	
11	(b) Cost of removal	(5,327,545)	-		(329,458)	
12	(c) All other debits ⁽³⁾	(6,306,364)	(2,170,593)		-	
13	Total debits	\$ (38,277,308)	\$ (6,272,036)	\$ -	\$ (685,322)	\$ -
14	Balance in reserve at end of year	\$ 453,874,964	\$ 23,476,069	\$ -	\$ 44,582,411	\$ -
15						
16	(1) COMPOSITE DEPRECIATION RATE USED FOR STRAIGHT LINE REMAINING LIFE:					2.60%
17						
18	(2) EXPLANATION OF ALL OTHER CREDITS:					
19						
20						
21						
22						
23						
24						
25						
26						
27	(3) EXPLANATION OF ALL OTHER DEBITS:					
28						
29						
30						
31						
32						
33						
34						
35	METHOD USED TO COMPUTE INCOME TAX DEPRECIATION:					
36	(a) Straight Line	()				
37	(b) Liberalized	()				
38	(1) Double declining balance	()				
39	(2) ACRS	()				
40	(3) MACRS	()				
41	(4) Others	()				
42	(c) Both straight line and liberalized	()				

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	(\$110,473)	(\$3,446)	\$ -	\$ -	(\$113,919)
3	312	Collecting and Impounding Reservoirs	(448,708)	(80,259)	15,479	-	(513,489)
4	313	Lake, river and Other Intakes	(5,741)	(22)	-	-	(5,763)
5	314	Springs and Tunnels	-	-	-	-	-
6	315	Wells	(13,845,878)	(1,617,381)	1,305,937	330,012	(13,827,310)
7	316	Supply Mains	(6,815,104)	(681,366)	180,504	41,347	(7,274,619)
8	317	Other Source of Supply Plant	(838,438)	(17,149)	4,541	-	(851,046)
9		Total Source of Supply Plant	\$ (22,064,342)	\$ (2,399,623)	\$ 1,506,462	\$ 371,359	\$ (22,586,145)
10							
11		II. PUMPING PLANT					
12	321	Structures and Improvements	(5,227,735)	(626,114)	53,889	19,639	\$ (5,780,321)
13	322	Boiler Plant Equipment	-	-	-	-	-
14	323	Other Power Production Equipment	-	-	-	-	-
15	324	Pumping Equipment	(44,551,051)	(4,507,079)	2,170,074	232,937	(46,655,119)
16	325	Other Pumping Plant	(3,959,858)	(535,588)	111,708	1,673	(4,382,064)
17		Total Pumping Plant	\$ (53,738,644)	\$ (5,668,781)	\$ 2,335,672	\$ 254,249	\$ (56,817,504)
18							
19		III. WATER TREATMENT PLANT					
20	331	Structures and Improvements	(3,876,033)	(584,843)	53,522	59,142	(4,348,211)
21	332	Water Treatment Equipment	(24,113,820)	(2,014,517)	168,713	44,271	(25,915,353)
22		Total Water Treatment Plant	\$ (27,989,853)	\$ (2,599,360)	\$ 222,235	\$ 103,414	\$ (30,263,564)
23							
24		IV. TRANS. AND DIST. PLANT					
25	341	Structures and Improvements	(262,835)	(57,108)	-	-	\$ (319,943)
26	342	Reservoirs and Tanks	(15,963,504)	(1,112,867)	128,845	220,677	(16,726,848)
27	343	Transmission and Distribution Mains	(143,994,181)	(10,346,205)	5,519,697	1,211,294	(147,609,395)
28	344	Fire Mains	(330,016)	(162,077)	12,190	183,203	(296,700)
29	345	Services	(63,340,868)	(4,207,427)	3,313,897	2,694,047	(61,540,351)
30	346	Meters	(32,679,904)	(3,334,400)	2,010,461	(27,978)	(34,031,821)
31	347	Meter Installations	-	-	-	-	-
32	348	Hydrants	(20,864,437)	(1,666,100)	778,031	252,614	(21,499,892)
33	349	Other Transmission and Distribution Plant	(1,097,354)	(46,917)	9,681	-	(1,134,590)
34		Total Transmission and Distribution Plant	\$ (278,533,099)	\$ (20,933,100)	\$ 11,772,802	\$ 4,533,858	\$ (283,159,539)
35							
36		V. GENERAL PLANT					
37	371	Structures and Improvements	(6,342,282)	(333,509)	165,931	-	\$ (6,509,861)
38	372	Office Furniture and Equipment	(31,557,461)	(5,883,501)	12,378,643	4,467	(25,057,853)
39	373	Transportation Equipment	(10,324,497)	(189,840)	964,995	(144,603)	(9,693,945)
40	374	Stores Equipment	-	-	-	-	-
41	375	Laboratory Equipment	(36,873)	(277)	9,443	-	(27,708)
42	376	Communication Equipment	(1,046,392)	(3,769)	163,154	-	(887,007)
43	377	Power Operated Equipment	(4,424,767)	(55,609)	375,410	-	(4,104,966)
44	378	Tools, Shop and Garage Equipment	(3,330,240)	(238,414)	284,359	-	(3,284,295)
45	379	Other General Plant	(370,351)	(19,003)	9,830	-	(379,524)
46	390	Other Tangible Property	(96,776)	(408)	69,858	-	(27,326)
47	391	Water Plant Purchased	(10,920,588)	(155,139)	-	-	(11,075,727)
48		Total General Plant	\$ (68,450,227)	\$ (6,879,470)	\$ 14,421,622	\$ (140,137)	\$ (61,048,211)
49		Total	\$ (450,776,165)	\$ (38,480,335)	\$ 30,258,793	\$ 5,122,743	\$ (453,874,964)

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	Funds Held in Trust	\$ 205,653	\$ 238,025
2	Investments - Other (Trust)	11,995,405	15,227,542
3	Investments- Other (COBank)	1,495,738	1,730,816
4	Cal cities	381,982	385,724
5	West End Consolidated	18,833	18,833
6	Covina Irrigating	12,798	12,798
7			
8			
9	Total	\$ 14,110,409	\$ 17,613,738

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	\$ 178,905	\$ 185,531
2			
3			
4			
5	Total	\$ 178,905	\$ 185,531

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	None		-	-
2				
3				
4				
5				
6	Total		\$ -	\$ -

SCHEDULE A-12
Account 122 - Working Funds

Line No.	Description of Items (a)	Balance Beg of Year (b)	Balance End of Year (c)
1	Working funds	\$ 29,868	\$ 28,868
2			
3			
4			
5	Total	\$ 29,868	\$ 28,868

SCHEDULE A-13
Account 123 - Temporary Cash Investments

Line No.	Description of Items (a)	Balance Beg of Year	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 including unbilled receivables	\$ 38,395,157	\$ 45,785,161
2	125-2	Other Accounts Receivable	2,012,231	6,156,207
3				
4				
5	Total		\$ 40,407,388	\$ 51,941,368

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	None					
2						
3						
4						
5						
6						
7						
8						
9						
10	Total	\$ -	\$ -		\$ -	\$ -

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 - Water Utility	\$ 2,795,459	\$ 2,814,913
2	131.2 Materials and Supplies - Electric Utility	928,792	1,230,666
3			
4			
5	Total	\$ 3,724,251	\$ 4,045,579

SCHEDULE A-18
Account 132 - Prepayments

Line No.	Item (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Prepayment insurance	\$ 193,436	\$ 1,207,549
2	Prepayment water rights and purchased power for resale	732,368	682,912
3	Prepayment maintenance	962,904	1,467,560
4	Prepayment state water project	158,424	207,377
5	Prepayment lease	151,138	119,564
6	Prepayment MWDOC connection charges	225,329	245,836
7	Prepayment postage	17,155	6,217
8	Prepayment tax interest receivable	436,284	-
9	Prepayment, miscellaneous	643,282	1,015,218
10	Prepayment, taxes (Schedule A-53)	23,587,597	8,462,302
11			
12	Total	\$ 27,107,917	\$ 13,414,535

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	None	-	-
2			
3			
4			
5			
6			
7			
8			
9			
10	Total	\$ -	\$ -

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	Note- 6.87% due 2023	-	107,400	10/22/93	10/23/23	\$ 24,611		\$ (3,602)	\$ 21,009
2	Note -7% due 2023	-	303,100	11/4/93	11/3/23	70,030		(10,125)	59,905
3	Note -6.81% due 2028	15,000,000	238,700	3/23/98	3/23/28	93,784		(8,336)	85,448
4	Note -6.59% due 2029	40,000,000	339,700	1/25/99	1/25/29	180,782		(14,961)	165,821
5	Note -7.875% due 2030	20,000,000	226,900	1/26/01	12/1/30	105,949		(7,568)	98,381
6	Note -7.23% due 2031	50,000,000	482,500	12/11/01	12/15/31	240,754		(16,051)	224,703
7	Note -9.56% due 2031	28,000,000	255,000	5/15/91	5/15/31	118,207		(8,200)	110,007
8	Note -6.00% due 2041	62,000,000	939,000	4/14/11	4/15/41	866,500		(35,610)	830,890
9	Note -7.55% due 2025	-	143,928	9/19/95	9/19/25	31,580		(3,609)	27,971
10	Note -3.45% due 2029	15,000,000	212,581	12/23/14	12/23/29	209,172		(16,090)	193,082
11	Tax - exempt Note -5.5% due 2026	7,730,000	639,400	12/5/96	12/1/26	199,081		(19,908)	179,173
12	Private Note - 5.87% due 2028	40,000,000	200,800	10/11/05	12/20/28	77,088		(6,469)	70,619
13	Private Note - 6.70% due 2019	40,000,000	249,955	3/10/09	3/10/19	54,424		(25,119)	29,305
14	2012 CPUC finance application					18,359		(18,359)	-
15	7.55% Debt Redem. Premium					100,699		-	100,699
16	7.65% Debt Redem. Premium					341,366		(14,029)	327,337
17	9.25% Debt Redem. Premium					26,489		(3,830)	22,659
18	10.03% Debt Redem. Premium					459,899		(64,172)	395,727
19	10.375% Debt Redem. Premium					54,386		(7,863)	46,523
20	10.10% Debt Redem. Premium					988,848		(83,565)	905,283
21	6.87% Debt Redem. Premium					8,738		(670)	8,068
22		317,730,000	4,338,964			\$ 4,270,746	\$ -	\$ (368,136)	\$ 3,902,610

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	Preliminary survey and investigation charges	\$ 39,195	\$ -
2			
3			
4			
5	Total	\$ 39,195	\$ -

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 schedule A-26 Details	\$ 152,964,838	\$ 109,722,791
2			
3			
4			
5			
6	Total	\$ 152,964,838	\$ 109,722,791

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

1. Report the balance at end of year of discount on capital stock for each class and series of capital stock.
2. 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

1. Report the balance at end of year of capital stock expense for each class and series of capital stock.
2. 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	\$ -	\$ -

Account No. 146- Other Deferred Debits
SCHEDULE A-26 details

	<u>Balance End of Year</u>	<u>Balance Beg of Year</u>
	<u>2017</u>	<u>2016</u>
<u>Rate Case Charges</u>		
Water Deferred Rate Case Costs (2016-2018)	\$ 563,855	\$ 1,127,709
Electric Deferred Rate Case Costs	1,769,127	752,846
Subtotal	<u>2,332,982</u>	<u>1,880,555</u>
<u>Other Deferred Charges</u>		
Aerojet Litigation Memorandum Account	10,656,459	11,819,868
Water Supply Cost Balancing Accounts	14,357	93,518
Regulatory Asset for Flow through Taxes *	-	20,134,097
Regulatory Asset- Pension , Post retirement and SERP including pension balancing acct	33,019,294	28,118,524
Water Conservation Memorandum Account	1,056,207	674,595
GRC memorandum accts	10,522,029	13,929,499
Low income Balancing Accounts	5,972,329	8,271,605
Santa Maria Adjudication memorandum Accounts	1,786,694	2,178,230
Regulatory Asset - Asset Retirement Obligation	3,643,391	3,507,346
Edison Settlement - Regulatory Asset	-	1,011,720
Regulatory Asset - WRAM and MCBA including unbilled and reserves	29,556,070	47,340,391
Bay Point Balancing Account	1,981,813	2,521,371
Regulatory Asset- Chadron Plant	1,300,000	1,400,000
Regulatory Asset- Mobile Home Park	1,458,071	-
Regulatory Asset - OSMA	90,065	195,131
CEMA Balancing Accounts	35,191	91,749
BRRBA Memo Account *	-	1,376,706
Derivative	2,940,589	4,900,503
Santa Maria Stipulation Memo	285,120	237,132
Oracle Technical Support Memo	61,410	60,755
City of Torrance Memo *	-	4,966
Los Osos Groundwater Memo and Balancing Accounts	552,902	601,622
Calipatria Revenue Retro *	-	715
Renewable Portfolio Std. Memo	452,772	452,193
Solar Initiative and Energy Efficiency Regulatory Assets *	-	604,200
ARRA	232,871	189,675
Other Regulatory Assets (Well Replacement Study, utility network, OCAMA)	518,036	1,086,981
Tax Interest Receivable	71,498	62,793
Security Deposit	90,755	91,815
Others	37,886	126,585
Insurance receivable	1,054,000	-
Subtotal	<u>107,389,809</u>	<u>151,084,283</u>
Total Other Deferred Debits	<u>\$ 109,722,791</u>	<u>\$ 152,964,838</u>

* Amount reported under Schedule A-55 for regulatory liabilities

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			146	218,490,981	218,490,981		27,680,000
2	Director Plan				5,336,841	5,995,641		
3	Compensation on stock based awards				10,236,405	11,276,621		
4	Tax benefits from employee stock-based awards				6,417,364	6,417,364		
5								
6				Total	\$240,481,591	\$ 242,180,607		\$27,680,000

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 State Water Company	146	None	
2				
3				
4				
5				
6				
7				
8				
9	Total number of shares	146	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	-
2	Credit: None	
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 None	
2	CREDITS (Give nature of each credit and state account charged)	
3		
4	None	
5	Total credits	\$ -
6	DEBITS (Give nature of each debit and state account credited)	
7		
8		
9		
10	Total debits	\$ -
11	Balance end of year	\$ -

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

Line No.	Acct	Account (a)	Amount (b)
1		Balance beginning of year	\$ 205,541,927
2		CREDITS	
3	400	Credit balance transferred from income account	53,756,708
4	401	Miscellaneous credits to surplus (specify)	
5			
6		Total credits	\$ 53,756,708
7		DEBITS	
8	410	Debit balance transferred from income account	
9	411	Dividend appropriations-preferred stock	
10	412	Dividend appropriations-Common stock	(27,680,000)
11	413	Miscellaneous reservations of surplus	
12	414	Miscellaneous debits to surplus (specify)	
13		Dividend equivalent rights on stock-based awards not paid in cash	(172,330)
14		Total debits	\$ (27,852,330)
15		Balance end of year	\$ 231,446,305

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

Line No.	Item (a)	Amount (b)
1	Balance Beginning of year	
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	
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											
2											
3											
4											
5											
6											
7											
8											
				Total	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -

None

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	6.81% notes due 2028	3/23/98	3/23/28	15,000,000	15,000,000	6.81%	1,021,500	1,021,500
2	6.59% notes due 2029	1/25/99	1/25/29	40,000,000	40,000,000	6.59%	2,636,000	2,636,000
3	7.875% notes due 2030	1/26/01	12/1/30	20,000,000	20,000,000	7.875%	1,575,000	1,575,000
4	7.23% notes due 2031	12/11/01	12/15/31	50,000,000	50,000,000	7.23%	3,615,000	3,615,000
5	6.00% notes due 2041	4/14/11	4/15/41	62,000,000	62,000,000	6.00%	3,720,000	3,720,000
6	3.45% notes due 2029	12/23/14	12/23/29	15,000,000	15,000,000	3.45%	517,500	517,500
7	9.56% notes due 2031	5/15/91	5/15/31	28,000,000	28,000,000	9.56%	2,676,800	2,676,800
8	5.87% notes due 2028	10/11/05	12/20/28	40,000,000	40,000,000	5.87%	2,348,000	2,345,856
9	6.70% notes due 2019	3/10/09	3/10/19	40,000,000	40,000,000	6.70%	2,680,000	2,677,553
10	5.5% notes due 2026	12/5/96	12/1/26	7,730,000	7,730,000	5.50%	425,150	425,150
11	State Water Project due 2035	6/1/94	12/1/35	3,901,706	3,772,561			188,141
12	Variable Rate Obligation due 2018	4/7/98	6/24/18	53,543	17,848			1,082
13	American Recovery and Reinvestment Act	5/31/11	3/1/33	3,895,919	3,745,105		159,169	165,510
14	Less current maturities			(329,539)	(324,235)			
15								
16	Total			\$ 325,251,629	\$ 324,941,279		\$ 21,374,119	\$ 21,565,092

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	None				
2					
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	Current portion of long term			329,539	324,235			
2								
3								
4								
5								
6								
7	Total			\$ 329,539	\$ 324,235		\$ -	\$ -

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	Account Payable	34,989,704	42,906,630
2			
3			
4			
5	Total		\$ 34,989,704

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	Accounts Payable to Affiliated Companies -	62,246,265	35,356,219			
2	American State Water Company					
3						
4						
5						
6						
7	Total		\$ 62,246,265	\$35,356,219	\$ -	\$ -

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	None	-	-
2			
3			
4			
5	Total	\$ -	\$ -

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	Customers' deposits	\$ 1,145,660	\$ 1,086,627
2			
3			
4			
5	Total	\$ 1,145,660	\$ 1,086,627

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	\$ 3,588,231	\$ 3,585,188
2	229-2 Interest Accrued on Other Liabilities		
3			
4			
5	Total	\$ 3,588,231	\$ 3,585,188

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	Vacation Accrued Liability	\$ 6,992,029	\$ 7,328,884
2	Utility Tax Collected	1,632,013	1,828,318
3	CPUC Reimburse Fees including R&D,Renewable(Water and Electric)	1,133,832	1,502,355
4	Deferred Revenues	552,273	535,187
5	Short Term Incentive Program including estimated taxes	2,170,156	2,218,532
6	PCA Wage Accruals	1,834,461	1,819,731
7	Department of Health System Fees Accrual	325,741	22,823
8	Derivative	4,900,503	2,940,589
9	Property damage settlement	-	1,611,836
10	Others	906,130	2,893,778
11			
12			
13	Total	\$ 20,447,138	\$ 22,702,033

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	\$ 165,777	\$ -	\$ 9,656,896	\$ (9,960,816)		\$ -	\$ 138,143
2	State corporation tax	-	8,182,070	(5,044,219)	128,460			3,266,311
3	Payroll taxes	287,265		5,285,227	(5,229,605)		342,887	
4	Franchise taxes only	3,456,187		3,621,137	(3,564,688)		3,512,636	
5	Federal income taxes		15,405,527	(15,041,133)	4,693,454			5,057,848
6	Groundwater assessment (pump taxes)	5,248,337		13,764,936	(15,418,092)		3,595,181	
7								
8								
14	Total	\$ 9,157,566	\$ 23,587,597	\$ 12,242,844	\$ (29,351,287)	\$ -	\$ 7,450,704	\$ 8,462,302

SCHEDULE A-54
Account 241 - Advances for Construction

Line No.	Description (a)	Amount (b)
1	Balance beginning of year	\$ 73,052,586
2	Additions during year	1,007,765
3	Subtotal - Beginning balance plus additions during year	\$ 74,060,351
4	Charges during year	
5	Refunds:	
6	Percentage of revenue basis	
7	Proportionate cost basis	3,340,015
8	Present worth basis	
9	Total refunds	\$ 3,340,015
10	Transfers to Acct 265 - Contributions in Aid of Construction	
11	Due to expiration of contracts	(30,400)
12	Due to present worth discount	
13	Total transfers to Acct. 265	\$ (30,400)
14	Securities Exchanged for Contracts (enter detail below)	
15	Subtotal - Charges during year	\$ 3,309,615
16	Balance end of year	\$ 70,750,736

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	Accrued Pension, SERP and VEBA	\$ 48,538,912	\$ 55,542,026
2	Accrued Settlement-Edison	1,011,720	-
3	Asset Retirement Obligations	4,393,274	4,962,686
4	Deferred Rent	303,567	307,833
5	Various Refunds to Customers	1,247,766	912,010
6	Environmental Remediation	1,400,000	1,300,000
7	Electric Supply Cost Balancing Accounts	5,155,018	4,566,521
8	Excess deferred income taxes, regulatory liabilities	-	83,231,778
9	Flow-through taxes, net	-	17,715,955
10			
11	Total	\$ 62,050,257	\$ 168,538,809

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- Reserve for uncollectible Accounts	\$ 760,764	Write off	\$ (711,453)	775	\$ 816,141	\$ 865,452
2	255- Insurance Reserve	412,979	Payment	(375,166)		354,011	391,824
3	256- Injuries and Damages Reserve	3,703,085	Payment	(618,931)		2,025,824	5,109,978
4	257-Employees' Provident Reserve	-					-
5	258- Other Reserves	-					-
6							-
7	Total	\$4,876,828		\$ (1,705,550)		\$ 3,195,976	\$ 6,367,254

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	\$ 120,518,131	119,677,471	840,660		
2	Add: Credits to account during year					
3	Contributions received during year	6,256,069	6,256,069			
4	Other credits	1,210,233	1,210,233			
5	Total credits	7,466,302	\$ 7,466,302	\$ -	\$ -	\$ -
6	Deduct: Debits to account during year					
7	Depreciation charges for year	(3,478,415)	(3,478,415)			
8	Nondepreciable donated property retired	-				
9	Other debits	(903,937)	(903,937)			
10	Total debits	(4,382,352)	\$ (4,382,352)	\$ -	\$ -	\$ -
11	Balance end of year	\$ 123,602,081	\$ 122,761,421	\$ 840,660	\$ -	\$ -

SCHEDULE A-58**Account 266 - Accumulated Deferred Income Taxes - Accelerated Tax Depreciation**

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-59**Account 267 - Accumulated Deferred Income Taxes - Other**

Line No.	Description of Items (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Fixed assets	\$ 203,132,614	\$ 134,436,471
2	Other deferred tax liabilities(assets)	24,665,173	(13,656,169)
3			
4			
5	Total	\$ 227,797,787	\$ 120,780,302

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	Accumulated Deferred Investment Tax Credits	\$ 1,529,078	\$ 1,435,607
2			
3			
4			
5	Total	\$ 1,529,078	\$ 1,435,607

**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)
		I. WATER SERVICE REVENUES	(1) & (2)	(2) & (4)	
1					
2	601	Metered Sales to General Customers			
3		601-1.1 Residential Sales	\$ 158,425,262	\$ 161,794,848	\$ (3,369,586)
4		601-1.2 Metered Sales Low Income Discount (Debit)	(5,872,030)	(4,508,947)	(1,363,083)
		601-1.2 Metered Sales Low Income Balancing Account (Credit)	5,999,475	4,611,328	1,388,147
5		601-2 Commercial Sales	107,004,495	105,957,745	1,046,750
6		601-3 Industrial Sales	2,630,263	2,656,510	(26,247)
7		601-4 Sales to Public Authorities	14,025,467	12,760,609	1,264,858
8		Sub-total	\$ 282,212,932	\$ 283,272,093	\$ (1,059,161)
9	602	Unmetered Sales to General Customers			
10		602-1.1 Unmetered Sales including Commercial Sales	1,147,997	1,539,542	\$ (391,545)
11		602-1.2 Unmetered Sales Low Income Discount (Debit)	(18,658)	(21,045)	2,387
		602-1.2 Unmetered Sales Low Income Balancing Account (Credit)	18,909	21,364	(2,455)
12		602-2 Commercial Sales			-
13		602-3 Industrial Sales			-
14		602-4 Sales to Public Authorities			-
15		Sub-total	\$ 1,148,248	\$ 1,539,861	\$ (391,613)
16	603	Sales to Irrigation Customers			
17		603.1 Metered sales	9,289,701	7,911,918	\$ 1,377,783
18		603.2 Flat Rate Sales			-
19		Sub-total	\$ 9,289,701	\$ 7,911,918	\$ 1,377,783
20	604	Private Fire Protection Service	1,664,528	1,717,314	\$ (52,786)
21	605	Public Fire Protection Service			-
22	606	Sales to Other Water Utilities for Resale	121,051	110,423	10,628
23	607	Sales to Governmental Agencies by Contracts	1,278,930	1,139,223	139,707
24	608	Interdepartmental Sales			-
25	609	Other Sales or Service	(285,405)	(166,062)	(119,343)
26		Sub-total	\$ 2,779,104	\$ 2,800,898	\$ (21,794)
27		Total Water Service Revenues	\$ 295,429,986	\$ 295,524,770	\$ (94,785)
28		II. OTHER WATER REVENUES			
29	610	Customer Surcharges (3)	6,645,953	3,080,795	\$ 3,565,158
30	611	Miscellaneous Service Revenues	1,098,598	1,289,120	(190,522)
31	612	Rent from Water Property	12,124	12,513	(389)
32	613	Interdepartmental Rents	-	-	-
33	614	Other Water Revenues	45,531	149,792	(104,261)
34	615	Recycled Water Revenues	1,248,029	1,181,572	66,457
35		Total Other Water Revenues	\$ 9,050,235	\$ 5,713,792	\$ 3,336,443
36	501	Total operating revenues	\$ 304,480,221	\$ 301,238,562	\$ 3,241,658

- (1) Amount includes 6 months and 8 days of Ojai customers billed water revenues in 2017, sale of Ojai water system was completed June 8, 2017.
(2) As required for revenue recognition under the accounting guidance for alternative revenue program, GSWC did not record \$1.4 million of the 2015 WRAM under-collection balance as revenue nor as a regulatory assets. This amount was recognized as revenue when it was determined that it would be collected within 24 months. Approximately \$910,000 of the 2015 WRAM was recognized in 2016, and the remaining \$510,000 was recognized in 2017.
(3) Customer surcharges increase both revenues and operating expenses by corresponding amounts, thus having no net earnings impact.
(4) Prior year amounts have been adjusted to conform to the new Uniform System of Accounts

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

Line No.	Location (a)	Operating Revenues (b)
31	Operations not within incorporated cities ¹	N/A
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) (2)	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		\$ 187,055	\$ 203,609	\$ (16,554)
4	701	Operation supervision, labor and expenses			C	-	-	0
5	702	Operation labor and expenses	A	B		169,789	250,033	(80,244)
6	703	Miscellaneous expenses	A			62,834	85,715	(22,881)
7	704	Purchased water including MCBA/supply cost balancing accounts	A	B	C	47,120,067	48,932,911	(1,812,844)
8		Maintenance						
9	706	Maintenance supervision and engineering	A	B		55,264	39,882	15,382
10	706	Maintenance of structures and facilities			C	-	-	0
11	707	Maintenance of structures and improvements	A	B		37,208	56,921	(19,713)
12	708	Maintenance of collect and impound reservoirs	A			75,776	216,346	(140,570)
13	708	Maintenance of source of supply facilities		B		-	-	0
14	709	Maintenance of lake, river and other intakes	A			6,709	26,854	(20,145)
15	710	Maintenance of springs and tunnels	A			-	-	0
16	711	Maintenance of wells	A			409,070	462,511	(53,441)
17	712	Maintenance of supply mains	A			96,391	57,312	39,079
18	713	Maintenance of other source of supply plant	A	B		973	11,197	(10,224)
19		Total source of supply expense				\$ 48,221,136	\$ 50,343,291	\$ (2,122,155)
20		II. PUMPING EXPENSES						
21		Operation						
22	721	Operation supervision and engineering	A	B		223,550	163,556	\$ 59,994
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		1,834,839	1,974,363	(139,524)
28	725	Miscellaneous expenses	A			697,879	539,276	158,603
29	726	Fuel or power purchased for pumping	A	B	C	8,518,127	8,662,971	(144,844)
30		Maintenance						
31	729	Maintenance supervision and engineering	A	B		33,242	33,348	(106)
32	729	Maintenance of structures and equipment			C	-	-	-
33	730	Maintenance of structures and improvements	A	B		196,044	129,540	66,504
34	731	Maintenance of power production equipment	A	B		-	-	-
35	732	Maintenance of power pumping equipment	A	B		2,189,907	2,300,732	(110,825)
36	733	Maintenance of other pumping plant	A	B		-	-	-
37		Total pumping expenses				\$ 13,693,588	\$ 13,803,786	\$ (110,198)

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) (2)	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		\$ 160,788	\$ 144,506	\$ 16,282
41	741	Operation supervision, labor and expenses			C	-	-	-
42	742	Operation labor and expenses	A			2,174,340	1,857,802	316,538
43	743	Miscellaneous expenses	A	B		752,342	787,361	(35,019)
44	744	Chemicals and filtering materials	A	B		1,430,293	2,111,341	(681,048)
45		Maintenance				-		
46	746	Maintenance supervision and engineering	A	B		50,254	49,351	903
47	746	Maintenance of structures and equipment			C	-	-	-
48	747	Maintenance of structures and improvements	A	B		197,728	257,783	(60,055)
49	748	Maintenance of water treatment equipment	A	B		1,110,979	1,135,536	(24,557)
50		Total water treatment expenses				\$ 5,876,724	\$ 6,343,680	\$ (466,956)
51		IV. TRANS. AND DIST. EXPENSES						
52		Operation						
53	751	Operation supervision and engineering	A	B		\$ 489,613	\$ 412,814	\$ 76,799
54	751	Operation supervision, labor and expenses			C	-	-	-
55	752	Storage facilities expenses	A			24,093	25,987	(1,894)
56	752	Operation labor and expenses		B		-	-	-
57	753	Transmission and distribution lines expenses	A			639,223	690,826	(51,603)
58	754	Meter expenses	A			1,064,067	1,023,104	40,963
59	755	Customer installations expenses	A			386,695	411,562	(24,867)
60	756	Miscellaneous expenses	A			2,209,779	2,244,063	(34,284)
61		Maintenance						
62	758	Maintenance supervision and engineering	A	B		\$ 308,845	\$ 334,690	\$ (25,845)
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		128,337	132,538	(4,201)
66	761	Maintenance of trans. and distribution mains	A			3,402,372	4,564,286	(1,161,914)
67	761	Maintenance of mains		B		-	-	-
68	762	Maintenance of fire mains	A			-	-	-
69	763	Maintenance of services	A			2,085,311	2,094,417	(9,106)
70	763	Maintenance of other trans. and distribution plant		B		-	-	-
71	764	Maintenance of meters	A			808,598	875,786	(67,188)
72	765	Maintenance of hydrants	A			746,780	805,215	(58,435)
73	766	Maintenance of miscellaneous plant	A			-	-	-
74		Total transmission and distribution expenses				\$ 12,293,713	\$ 13,615,288	\$ (1,321,575)

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) (2)	Net Change During Year Show Decrease in (Parenthesis) (d)
			A	B	C			
75		V. CUSTOMER ACCOUNT EXPENSES						
76		Operation						
77	790	Transferred customer expenses				(217,278)	(202,595)	\$ (14,683)
78	771	Supervision	A	B		673,310	636,123	37,187
79	771	Superv., meter read., other customer acct expenses			C	-	-	-
80	772	Meter reading expenses	A	B		1,562,676	1,529,813	32,863
81	773	Customer records and collection expenses	A			4,078,622	4,195,476	(116,854)
82	773	Customer records and accounts expenses		B		-	-	-
83	774	Miscellaneous customer accounts expenses	A			1,024,407	1,182,079	(157,672)
84	775	Uncollectible accounts	A	B	C	689,242	523,765	165,477
85		Total customer account expenses				\$ 7,810,979	\$ 7,864,661	\$ (53,682)
86		VI. SALES EXPENSES						
87		Operation						
88	781	Supervision	A	B		-	-	\$ -
89	781	Sales expenses			C	-	-	-
90	782	Demonstrating selling expenses	A			1,188,244	595,195	593,049
91	783	Advertising expenses	A			10,252	38,244	(27,992)
92	784	Miscellaneous, jobbing and contract work	A			-	-	-
93	785	Merchandising, jobbing and contract work	A			15,064	-	15,064
94		Total sales expenses				\$ 1,213,560	\$ 633,439	\$ 580,121
95		VII. RECYCLED WATER EXPENSES						
96		Operation and Maintenance						
97	786	Recycled water operation and maint. expenses				868,214	676,402	\$ 191,812
98		Total recycled water expenses				\$ 868,214	\$ 676,402	\$ 191,812
99		VIII. ADMIN. AND GENERAL EXPENSES						
100		Operation						
101	790	Allocation of A&G expenses				(6,664,075)	(6,653,692)	\$ (10,383)
102	791	Administrative and general salaries	A	B	C	16,697,858	16,179,555	518,303
103	792	Office supplies and other expenses	A	B	C	3,824,999	3,585,124	239,875
104	793	Property insurance	A			315,258	328,368	(13,110)
105	793	Property insurance, injuries and damages		B	C	-	-	-
106	794	Injuries and damages	A			2,160,930	2,521,786	(360,856)
107	795	Employees' pensions and benefits	A	B	C	19,959,870	19,357,280	602,590
108	796	Franchise requirements	A	B	C	114,909	117,520	(2,611)
109	797	Regulatory commission expenses	A	B	C	1,632,273	563,855	1,068,418
110	798	Outside services employed	A			8,120,427	13,600,933	(5,480,506)
111	798	Miscellaneous other general expenses		B		-	-	-
112	798	Miscellaneous other general operation expenses			C	-	-	-
113	799	Miscellaneous general expenses	A			2,349,134	2,293,699	\$ 55,435
114		Maintenance				-	-	-
115	805	Maintenance of general plant	A	B	C	2,797,086	2,624,671	172,415
116		Total administrative and general expenses				\$ 51,308,669	\$ 54,519,099	\$ (3,210,430)
117		XI. MISCELLANEOUS						
118	810	Customer Surcharges (1)				6,645,953	3,080,795	\$ 3,565,158
119	811	Rents	A	B	C	1,605,997	1,517,342	88,655
120	812	Administrative expenses transferred - Cr.	A	B	C	(1,863,601)	(1,905,233)	41,632
121	813	Duplicate charges - Cr.	A	B	C	-	-	-
122		Total miscellaneous				\$ 6,388,349	\$ 2,692,904	\$ 3,695,445
123		Total operating expenses				\$ 147,674,932	\$ 150,492,550	\$ (2,817,618)

(1) Customer surcharges increase both revenues and operating expenses by corresponding amounts, thus having no net earnings impact.

(2) Prior year amounts have been adjusted to conform to the new Uniform System of Accounts

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

Line No.	Description (a)	Amount
1	None	-
2		
3		
4		
5		
6		
7		
8	Total	\$ -

SCHEDULE B-4
Account 507 - Taxes Charged During Year

- This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
- 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.
- 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.
- 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.
- 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.
- 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) = sum of (c to e)	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 ("FIT") (clm e: Acct 527)	\$ 15,041,133	\$ 6,191,126	\$ 318,321	\$ 8,531,686	
2	CA corp franchise taxes ("CCFT")(current) (clm e: Acct 527)	5,044,219	2,268,420	16,642	2,759,157	
3	Property taxes	9,382,763	8,889,014	493,749		
4	Other taxes (details below):					
5	FIT(deferred) (clm e: Acct 527)	11,863,428	15,001,768	1,172,294	(4,310,634)	
6	Amortization of ITC (Option 1) (clm e: Acct 538)	(93,471)			(93,471)	
7	CCFT(deferred) (clm e: Acct 527)	2,200,915	3,469,048	339,397	(1,607,530)	
8	Payroll taxes	2,946,681	2,700,268	246,413		
9	Franchise taxes including licenses & filing fees	3,782,688	3,456,912	325,776		
10	Groundwater production assessments (pump taxes)	18,638,015	18,638,015			
11	Total	\$ 68,806,371	\$ 60,614,571	\$ 2,912,592	\$ 5,279,208	\$ -

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	\$ 53,756,708
2	Reconciling amounts (list first additional income and unallowable deductions, followed by additional	
3	deductions for non-taxable income):	
4	Book Federal Income Tax Expense	26,811,090
5	Book State Income Tax Expense	7,245,135
6		34,056,225
7	Pre-Tax Book Income	
8		87,812,933
9	INCOME SUBJECT TO TAX NOT RECORDED ON BOOKS:	
10		
11	CIAC Connection Fees	655,055
12	Fixed-Assets Related	89,076
13	Gain on disposal of property	20,049,818
14	Interest	427,579
15	Settlement	2,221,856
16		23,443,384
17	EXPENSES RECORDED ON BKS NOT DEDUCTED ON RETURN:	
18	Accrued Payroll Taxes	192
19	Bad Debt Accrual	193,619
20	Bond Premium Amortization	174,130
21	Book Amortization	1,961
22	Book Depreciation	29,647,086
23	Business Meals	50,477
24	Charitable Contribution	28,418
25	Deferred Charges	1,312,426
26	Executive SERP	1,884,127
27	IRC Sec 162(m) cash comp	117,663
28	Lobbying R Calculated Tax	119,709
29	Penalties	583
30	Pension Costs	1,402,724
31	Political Contributions	26,295
32	UNICAP	2,124,225
33	Vacation pay accrual	237,378
34	Water Rights Legal Fees	432,823
35	Workers' Compensation	277,726
36		38,031,562
37	BOOK INCOME NOT SUBJECT TO TAX:	
38	Cal Cities Equity Pick-Up	3,742
39	Rabbi Trust Unrealized Gain	15,953
40		19,695
41	DEDUCTIONS FOR TAX NOT CHARGED AGAINST BK INCOME:	
42	Accrued Regulatory Liabilities	30,693
43	Advance Refunds	931,303
44	Balancing & Memorandum Accounts	10,930,194
45	CA Franchise Tax	752,244
46	CIAC Deferred Revenue	2,828
47	Cost of removal	5,657,003
48	Deferred Rate Case Charges	452,426
49	Director's Retirement Plan	191,249
50	FAS 123R Expense	2,942,369
51	General Liability Insurance	16,649
52	IRC Sec. 199 Deduction	3,281,070
53	Property Taxes	276,749
54	Regulatory Liability Settlement	112,523
55	Rent Expense	24,641
56	Repairs	14,423,812
57	Short-Term Incentive Program	1,601
58	State Water Project Amortization	44,404
59	Tax Amortization & Depreciation	65,367,887
60	VEBA	553,441
61		105,993,086
62		
63	Estimated Federal Taxable Income	43,275,098
64	Federal Tax Rate	35.00%
65	Federal Current Tax Expense (provision reflected in Form 10-K filing)	15,146,284
66	Return to Accrual True-Ups	(105,151)
67	Total Federal Tax	\$ 15,041,133

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	-
2	508-2	Expenses of Plant Leased to Others	-
3		None	
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	Bear Valley Electric	\$ 33,778,090		\$ 33,778,090
2	Supply cost expenses		13,070,907	(13,070,907)
3	Other operation, A&G and maintenance		10,238,355	(10,238,355)
4	Depreciation and amortization		2,146,273	
5	Property, payroll and franchise taxes - See B-4		1,065,938	
6	Interest, net		1,380,183	
7	Income taxes - See B-4		1,846,654	
8	Non-operation income		5,759	
9	Net Income from CAL-cities	3,742		3,742
10	Totals	\$ 33,781,832	\$ 29,754,069	\$ 4,027,763

SCHEDULE B-9		
Account 522 - Revenues from Lease of Other Physical Property		
Line No.	Description of Items (a)	Amount (b)
1	None	-
2		
3		
4		
5	Total	\$ -

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 revenues	\$ 1,760,651
2		
3		
4		
5	Total	\$ 1,760,651

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	Gain on sale of assets	\$ 8,317,513
2	Lease income (Folsom)	1,699,665
3	Rabbit Trust SERP	1,743,244
4	Non-regulated settlement proceeds	1,751,781
5	Rental income	30,374
6	State water project (CIAC)	77,740
7	Equity earning from investment	16,350
8	Utilities tax processing fees	99,994
9	Miscellaneous revenues	297,461
10	Total	\$14,034,122

SCHEDULE B-14
Account 527 - Nonoperating Revenue Deductions

Line No.	Description (a)	Amount (b)
1	Outside service expenses	\$ 219,921
2	Miscellaneous expenses	65,372
3	Operation Gobble	138,018
4	Membership Dues	194,644
5	Non-operating income taxes (State and Federal)	5,372,679
6	Property tax	274,133
7	Non-operating bad debt expenses	383,382
8	Total	\$ 6,648,149

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

Line No.	Description of Items (a)	Amount (b)
1	Interest on long-term debt	\$19,423,015
2		
3		
4		
5	Total	\$19,423,015

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

Line No.	Description of Items (a)	Amount (b)
1	Amortization of debt expenses	\$ 438,674
2		
3		
4		
5	Total	\$ 438,674

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 income from Affiliated companies	\$ (6,565)
2		
3		
4		
5	Total	\$ (6,565)

SCHEDULE B-20
Account 535 - Other Interest Charges

Line No.	Description (a)	Amount (b)
1	Interest on short-term borrowing	\$ 658,990
2	Other interest charges	155,308
3		
4		
5		
6	Total	\$ 814,298

SCHEDULE B-21		
Account 536 - Interest Charged to Construction - Cr.		
Line No.	Description of Items (a)	Amount (b)
1	None	
2		
3		
4		
5	Total	\$ -

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	Charitable contributions	\$ 182,670
2	Political contributions	17,495
3	Amortization of investment tax credits	(93,471)
4		
5	Total	\$ 106,694

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-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	None		-
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	49	\$ 3,381,476
2	Employees - Pumping	56	5,331,590
3	Employees - Water treatment	70	6,427,064
4	Employees - Transmission and distribution	170	9,957,233
5	Employees - Customer account	73	3,626,096
6	Employees - Sales	0	-
7	Employees - Administrative	34	1,813,565
8	General Officers	8	6,395,889
9	General Office	141	13,298,069
10	Total	601	\$ 50,230,982

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	Worker Comp Claims	-	17			17				
2	General Liability Claims	-			3	3			66	128,042
3	Auto Claims	-			4	4	28	48,833	21	48,584
4	Property Claims	-				-	33	72,532	-	
5						-				
6	Total	-	17	-	7	24	61	\$ 121,365	87	\$ 176,626

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	Political contributions including electric activities	18,995
2		
3		
4		
5		
6	Total	\$ 18,995

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	Officer's name	Cash Bonus	Stock Units(in Units)	Stock Awards-Value	Other Comp
2	Robert J.Sprows	\$ 642,600	20,288	\$ 888,209	\$ 23,451
3	Denise L.Kruger	159,347	4,058	177,659	24,919
4	Eva G. Tang	156,235	2,705	118,425	25,066
5	Gladys M. Farrow	80,692	2,446	107,086	18,956
6	William C.Gedney	70,803	2,165	94,784	20,497
7	Patrick R. Scanlon	93,701	2,615	114,485	22,817
8	Bryan K. Switzer	83,720	2,953	129,282	25,314
9	Paul J. Rowley	66,694	1,938	84,846	24,211
10	Total	\$ 1,353,792	39,168	\$ 1,714,776	\$ 185,231

**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	Refer to District Schedules								
2									
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	Refer to District Schedules	
7									
8									
9									
10									

TUNNELS AND SPRINGS				FLOW IN(Unit) ²		Annual Quantities Used(Unit) ²	Remarks
Line No.	Designation	Location	Number	Maximum	Minimum		
				11	None		
12							
13							
14							
15							

Purchased Water for Resale	
16	Purchased from
17	Annual quantities purchased (Unit chosen) ²
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			Refer to district schedules
2	Concrete			
3	Earth			
4	Wood			
5	B. Distribution reservoirs			
6	Concrete			
7	Earth			
8	Wood			
9	C. Tanks			
10	Wood			
11	Metal			
12	Concrete			
13	Total	-	-	

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) _____

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								
2	Flume								
3	Lined conduit								
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) _____

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								-
7	Flume								-
8	Lined conduit								-
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	Refer to Districts Schedules								
12	Cast Iron (cement lined)									
13	Concrete									
14	Copper									
15	Riveted steel									
16	Standard screw									
17	Screw or welded casing									
18	Cement - asbestos									
19	Welded steel									
20	Wood									
21	Other (specify)									
22	Total	-	-	-	-	-	-	-	-	-

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	
23	Cast Iron	Refer to Districts Schedules								
24	Cast Iron (cement lined)									
25	Concrete									
26	Copper									
27	Riveted steel									
28	Standard screw									
29	Screw or welded casing									
30	Cement - asbestos									
31	Welded steel									
32	Wood									
33	Other (specify)									
34	Total	-	-	-	-	-	-	-	-	

**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	213,815	212,271	1,536	1,194
Commercial	37,360	37,126		
Industrial	346	344		
Public authorities	1,414	1,363		
Irrigation	2,319	2,339		
Other	15	3		
Contract	124	127		
Subtotal	255,393	253,573	1,536	1,194
Private fire connections			4,315	4,324
Public fire hydrants				
Total *	255,393	253,573	5,851	5,518

* Data run as of 1/4/2017 and 1/3/2018, respectively.

**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	190,101	-
3/4 - in	19,255	132,216
1 - in	37,522	101,842
1 1/2 - in	4,451	1,758
2 - in	8,928	12,581
3 - in	846	687
4 - in	305	1,620
6 - in	172	1,603
8 - in	79	1,597
Other	7	5,187
Total *	261,666	259,091

* Data run as of 1/3/2018

**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 . . .	1,084
2. Used, before repair	920
3. Used, after repair	84
4. Found fast, requiring billing adjustment	-
B. Number of Meters in Service Since Last Test	
1. Ten years or less	182,689
2. More than 10, but less than 15 years	50,659
3. More than 15 years	28,318

SCHEDULE D-7
Water delivered to Metered Customers by Months and Years in _____ CCF _____ (Unit Chosen)¹

Classification of Service	During Current Year												Subtotal	Total	
	January	February	March	April	May	June	July	August	September	October	November	December			Subtotal
Residential	1,761,248	1,527,118	1,470,795	2,029,480	2,219,539	2,686,375	2,969,690	14,664,245							
Commercial	1,527,173	1,369,230	1,321,009	1,678,840	1,699,312	1,988,212	2,088,691	11,672,467							
Industrial	27,611	35,363	33,522	46,941	44,315	51,625	48,206	287,583							
Public authorities	94,591	73,150	85,569	190,087	250,226	314,727	346,987	1,355,337							
Irrigation	53,825	29,405	35,597	103,760	177,623	234,047	332,546	966,803							
Other	4,423	3,618	3,464	9,089	6,167	22,138	15,624	64,523							
Contract	31,787	26,277	30,631	65,873	81,171	96,529	125,943	458,211							
Total	3,500,658	3,064,161	2,980,587	4,124,070	4,478,353	5,393,653	5,927,687	29,469,169							
Classification of Service	During Current Year												Subtotal	Total	
	August	September	October	November	December	Subtotal	Total	Prior Year							
Residential	2,836,331	2,922,810	2,701,060	2,484,025	2,257,940	13,202,166	27,866,411	27,028,525							
Commercial	2,029,432	2,107,215	1,952,716	1,887,998	1,740,878	9,718,239	21,390,706	21,032,413							
Industrial	45,409	48,270	44,928	44,820	37,591	221,018	508,601	532,341							
Public authorities	339,486	350,161	302,185	279,275	211,508	1,482,615	2,837,952	2,645,385							
Irrigation	266,715	334,041	244,338	230,248	141,564	1,216,906	2,183,709	1,923,847							
Other	7,519	6,646	5,793	5,441	3,795	29,194	93,717	97,558							
Contract	108,180	101,800	76,085	72,864	67,055	425,984	884,195	821,976							
Total **	5,633,072	5,870,943	5,327,105	5,004,671	4,460,331	26,296,122	55,765,291	54,082,045							

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

Total acres irrigated _____

Total population served 1,098,831
 Assume 4.2411 per household

** On June 8, 2017 Casitas acquired the operating assets of GSWC's 2,900-connection Ojai water system. 2017's consumption includes 6 months and 8 days of Ojai customers billed water consumption.

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
Northern	Arden	10/20/1967	Original Permit # 67-78		
				Application to remove Windsor Well #4 as a source of supply	10/18/2013
		1/18/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Northern	Cordova	6/1/2005	Original Permit # 01-09-05-PER-005		
		12/10/2010	Permit Amendment # 01-09-10-PER-015 to include ion exchange treatment for perchlorate removal at Dolecetto #6, Mather #18 and Capital #23.		
		1/26/2011	Permit Amendment # 01-09-11-PER-001 to change status of Wells 10, 12 and 21 to standby and remove Wells 3, 4, and 5 from list of approved sources.		
		9/16/2013	Permit Amendment # 01-09-13-PER-015 to add Paseo Well #24, and remove Georgetown Well #7, Negrara Well #10, Woodcliff Well #12, and Gold Country Well #21 as sources of supply		
		2/12/2018	Permit Amendment #01-09-18-PER-002 to add Carmichael Water District interconnection as a new source of supply		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Northern	Bay Point	9/6/1994	Original Permit # 02-04-94P-0710002		
				Application to add an interconnection between Contra Costa Water District and the existing treated water pipeline at Hill Street Treatment Plant.	12/1/2008 (Interim approval granted 1/15/2009)
		11/13/1997	Permit Amendment to add Hill Street Well #2		
		11/18/1999	Permit Amendment to add Chadwick Well		
		7/12/2000	Permit Amendment to install and operate Port Chicago Inter-Tie with CCWD		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Northern	Clearlake	3/9/2012	Full Permit No. 02-03-12P1710002		
		2/5/2016	Permit Amendment to replace the clearwell tank at the Sonoma Water Treatment Plant		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Los Osos	5/10/1999	Full permit No. 03-06-99P-013		
		4/9/2001	Construct and operate Cabrillo iron and manganese treatment. Reissuance of full permit, No. 05-06-01P-003		
		10/20/2011	Change status of Pecho well to standby. Permit amendment no. 05-06-01P-003 (Amendment 01)		
		1/14/2013	Los Olivos replacement reservoir. Permit amendment No. 05-06-01P-003 (Amendment 02)		
		10/15/2013	Construct and operate the Rosina blending facilities. Permit amendment No. 05-06-01P-003 (Amendment 03)		
		9/25/2015	Los Olivos #3 nitrate blending PA No. 4010017-004		
		3/23/2017	Addition of source - Los Olivos Well #5 and to us Los Olivos Well #3 nitrate blending PA 4010017PA-005		
		10/5/2017	Permit Amendment # 4010017PA-006 to operate an ion exchange treatment system at the Skyline Well		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Edna	4/24/1995	Full permit No. 05-06-01P		
		5/25/2001	Construct and operate Lewis Lane Well #4. Permit Amendment No. 05-06-01P-006		
		3/15/2011	Operate ion exchange system for selenium removal. Reissuance of full permit.		
		10/1/2013	Addition of degassing system to Country Club treatment plant. Permit Amendment No. 4010023 PA-001		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Ojai	8/1/1997	Full permit No. 04-06-97P-019. Construct and operate the Gorham Well with iron and manganese treatment.		
		10/17/2002	Permit Amendment No. 04-06-97P-019 (Amendment 01). CMWD disinfectant changed to chloramines.		
		9/12/2005	Permit Amendment No. 04-06-97P-019 (Amendment 02) San Antonio Well #4		

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
		6/15/2009	Break point chlorination of interconnections and replacement of Heidelberger Tank. Permit Amendment No. 5610014-PA-003		
		11/12/2010	Build 500,000 gallon storage tank at the San Antonio plant site. Permit Amendment No. 5610014-PA-004		
		7/15/2013	Construct and operate Mutual Well 6. Permit Amendment No. 5610014-PA-005		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Lake Marie	8/28/1990	Full permit issued		
		10/31/1995	Approval of the Ranch Well as a stand-by source (no longer have the use of this well). Permit Amendment No. 04-06-95P-038		
		7/1/2011	Construct and operate Vineyard Well 6. Permit Amendment No. 04-06-11P-011		
		8/20/2014	Operate Lake Marie Well #4 as an active source. Remove Lake Marie Well #3 as an active source. Permit 4210022PA-001		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Orcutt	10/25/1999	Full Permit No. 03-06-99P-011		
		12/13/2001	Construct the Hummel Well (well never drilled). Add nitrate blending at Mira Flores well #1. Permit 03-05-01PA-000		
		5/16/2003	Install and operate ion exchange treatment for nitrate at Evergreen Well 1. Permit Amendment No. 05-06-03PA-002		
		4/6/2004	Construct and operate Mira Flores Well 7. Permit Amendment No. 05-06-04PA-001		
		5/30/2008	Permit Amendment No. 05-06-04PA-004 to construct and operate Olive Hill Well #1 and additional 1.5 MG tank on Orcutt Hill.		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Sisquoc	8/17/1962	Full permit issued		
		3/18/1997	Full permit issued. Permit No. 0560		
		1/24/2000	Construct and operate Foxen Canyon Well 4.		
		11/27/2013	Construct and operate Foxen Canyon Well 5. Permit No. 4200560		
		1/24/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Tanglewood	2/18/2003	Full permit issued. Permit No. 05-06-02P-034		
		4/22/2013	Construct and operate Tanglewood Well 3. Full permit issued, Permit No. 04-06-13P-004		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Nipomo	7/8/2002	Full permit issued; construct and operate Eucalyptus Well 2. Permit No. 05-06-02P-008		
		2/7/2006	Construct and operate 0.5 MG storage tank. Permit Amendment No. 4010018-001		
		6/24/2010	Implement blending at the La Serena Plant to treat for high nitrate in the La Serena Well. Permit Amendment No. 4010018 PA-002		
		7/25/2013	Install and operate ion exchange for nitrate at the Alta Mesa Plant. Permit Amendment No. 4010018 PA-003		
		5/22/2017	Permit Amendment # 4010018PA-004 to expand the Alta Mesa IX treatment plant and allow both Alta Mesa Well 2 and Casa Real Well 1 to be treated at the plant		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Simi Valley	2/18/1987	Full permit issued		
		5/10/1994	Reissuance of full permit. Permit No. 04-06-94P-004		
		2/25/2016	Addition of Runkle Canyon housing project along with associated booster station and 2.0 MG reservoir. Permit No.04-16P-002		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Coastal	Rural Water / Cypress Ridge	10/22/2015	Permit # 04-06-15P-011 to operate the water system		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Southwest	Southwest	2/23/2000	Full Permit No. 04-16-00P-011		

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
		6/23/2000	PA: 04-16-00PA-000 New well - Truro #4 and associated treatment facilities		
		1/30/2001	PA: 04-16-01PA-000 New well - Ballona #4 and associated treatment facilities, and corrosion control treatment for the distribution mains		
		4/24/2001	New well - Southern #6 and associated treatment facilities		
		10/26/2001	PA: 04-16-01PA-000 New well - Ballona #4 and associated treatment facilities, and corrosion control treatment for the distribution mains		
		7/16/2002	PA: 04-16-02PA-000 New well - 129 th St #2 and associated treatments and modify odor treatment at Yukon		
		1/15/2004	PA: 1910155PA-001 CENB-55 - New domestic water connection with MWD and utilize existing connection with MWD using connection with CWS		
		8/1/2005	PA: 1910155PA-02 New well - Ballona #5 and associated treatment facilities and corrosion control		
		12/29/2005	PA: 1910155PA-003 New well - Belhaven #4 and associated treatment facilities and corrosion control		
		12/13/2006	PA: 1910155PA-004 Doty #1 Mn/Fe Treatment		
		4/20/2007	PA: 1910155PA-005 Southern #5 Mn/Fe Treatment		
		4/24/2008	PA: 1910155PA-006 Doty #1 & #2 Mn/Fe Treatment		
		5/14/2009	PA: 1910155PA-007 Two new 1.5 MG Budlong reservoirs and associated facilities		
				Discontinue Corrosion Control Program	7/3/2012
		4/5/2013	PA: 1910155-008 Fluoridation facilities at all active groundwater sources		
		12/16/2016	PA: 1910155PA-009 Revised fluoridation level to 0.7 mg/l		
		1/17/2017	PA: 2017PA_SCHOOLS Requirements for lead sampling K-12 schools		
		6/20/2017	Permit Amendment # 1910155PA-010 to operate Dalton Well 2 with chlorination and fluoridation treatment		
Central	Artesia	2/11/2000	Full Permit # 04-15-00P-010		
		6/12/2001	Juan # 4 Filtration PA# 04-15-01PA-000		
		1/20/2006	PA# 1910004-PA-001 for Centralia #3 & #4		
		3/8/2006	PA# 1910004-PA-002 (Massinger & Hawaiian As/Mn treatment)		
		2/15/2007	PA#1910004-PA-003 for Roseton #2		
		9/10/2007	PA# 1910004-PA-004 for operation of Centralia Well 6		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
		2/28/2018	PA# 1910004-PA-005 for operation of Centralia Well 7		
Central	Norwalk	5/1/2001	Full Permit #04-15-98P-008		
		11/5/2008	PA#1910098-PA-001 Pioneer GAC Expansion		
		4/14/2013	PA# 1910098-PA-002 Fluoridation		
		10/19/2015	PA# 1910098-PA-003 Dace Well #2		
		10/22/2015	PA# 1910098-PA-004 Fluoridation		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
		1/12/2018	PA# 1910098-PA-005 Manganese treatment at Dace Well #2		
Central	Bell/Bell Gardens	12/17/1998	12/17/1998 Full Permit #04-15-98P-038		
		3/28/2002	PA3 04-15-02PA-000 (Gage GAC treatment)		
		1/19/2005	PA# 1910011-PA-002 Otis Well #3		
		6/22/2005	PA#1910011-PA-003 Clara #2		
		3/6/2008	PA#1910011-PA-004 Watson aeration replacement & GAC treatment		
		7/15/2009	PA# 1910011PA-005 Bissell Well 2 Manganese removal treatment		
		8/10/2012	PA#1910011PA-006 Approval to operate Bissell Well #3		
		3/25/2013	PA# 1910011-PA-007 Fluoridation		
		10/19/2015	PA# 1910098-PA-008 Fluoridation		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
				Construct and operate manganese treatment at Otis Well #3	1/19/2018
Central	Florence Graham	7/29/1999	Full Permit 04-15-99P-018		
		6/9/2004	PA# 1910077-PA-001 Converse GAC		
		9/13/2004	PA# 1910077-PA-002 for Goodyear GAC		
		9/1/2010	PA# 1910077PA-003 Nadeau #3 GAC treatment		
		1/25/2013	PA# 1910077PA-004 Miramonte GAC treatment		
		3/29/2013	PA# 1910077-PA-005 Fluoridation		

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
		8/1/2014	PA# 1910077-PA-006 Goodyear GAC/IX		
		10/19/2015	PA- 1910077-PA-007 Fluoridation		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Central	Hollydale	10/25/1999	Full Permit # 04-15-99P-020		
		6/19/2001	PA# 04-15-01PA-000 McKinley		
		2/16/2006	PA# 1910195-PA-001 Century #1 Mn/As Treatment		
		2/25/2013	PA# 1910195-PA-002 Fluoridation		
		10/19/2015	PA# 1910195-PA-003 Fluoridation		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Central	Willowbrook	5/9/1996	Full Permit 04-15-96P-005		
		3/11/2013	PA# 1910072-PA-001 Fluoridation		
		10/19/2015	PA# 1910072-PA-002 Fluoridation		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Central	Culver City	6/8/1999	Full Permit # 04-15-99P-001		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Foothill	Claremont	3/22/1966	Original system permit, # not available		
		4/3/1992	Use Mt. View, Del Monte #1 and the treatment facilities Amendment 03-92-000		
		11/6/1995	Drill and equip Amherst #1 Amendment 04-15-95P-000		
		5/27/1999	Operate College #2 Amendment 04-15-99PA-000		
		1/5/2000	Equip Harrison #2 Amendment 04-07-99PA-000		
		10/12/2001	Treat DM#1 & DM#2 for VOCs @ DMTP Amendment 04-07-01PA-000		
		8/14/2003	Operate Del Monte 4 WTF Amendment 1910024PA-001		
		1/8/2004	Operate Del Monte 1 WTF Amendment 1910024PA-002		
		1/8/2004	Engineering Report for Amendment 1910024PA-002		
		5/15/2009	revision to DMTP OMMP Amendment 04-07-01PA-000		
		2/24/2011	include new interconnection with City of Upland Amendment 1910024PA-003		
		7/9/2013	Re-activate Fair Oaks #1 Amendment 1910024-004		
		3/20/2014	Add Indian Hill 4 and Indian Hill Blending Plant 1910024 -005		
		7/14/2015	Change Mountain View Well status to active 1910024-006		
		7/14/2015	Change Dreher Well status to active 1910024-007		
		1/11/2016	Add and operate Margarita Well 2 1910024-008		
		1/27/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
		11/22/2017	Change Mountain View Well status to inactive		
		11/22/2017	Permit Amendment 1910024PA-009 Add GAC treatment at the Del Monte treatment plant for removal of VOCs		
Foothill	San Dimas	7/23/1965	California Cities Original Permit, Permit # not available		
		10/26/1995	Drill and operate Malone #2 and Cienega #1; Amendment 04-15-95P-000		
		12/22/1998	Operate existing system and blend Durward; Amendment 04-15-98P-029		
		6/3/1999	TVMWD transmission lineAmendment 04-15-99PA-000		
		8/13/2004	Columbia Treatment Plant Amendment 1910142PA-001		
		7/11/2005	Highway Treatment Plant Amendment 1910142PA-002		
		2/25/2011	Addition of Highway Well #2 as new source; Amendment 1910142PA-003		
		11/7/2013	Permit Amendment Addendum to change Columbia 6 from Active to Inactive - Part of 1910142PA -003		
		1/27/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
				New 0.61 MG Brasada Reservoir	9/22/2017
		11/30/2017	Permit Amendment 1910142PA-004 to operate an interconnection with Walnut Valley Water District as a source of water supply		
Foothill	South Arcadia	7/28/1967	Operate water system Permit 67-53		
		1/15/1988	Jeffries #4 - Amendment # not available		
		2/8/1999	Encinita Treatment Plant - Amendment # not available		
		9/14/2000	Encinita #1 to blend with Encinita #2 & Encinita #3 at the ETP Amendment 04-07-00PA-000		
		9/13/2001	Encinita #1, #2 & #3 treated for VOCs @ existing ETP; Amendment 04-07-01PA-000		
		1/9/2009	Re-activate Encinita #1 Amendment 1910212PA-001		
		1/27/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Foothill	South San Gabriel	6/2/1967	Operate existing system Permit 67-37		

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
		6/15/1981	Add Earle Well - Amendment # not available		
		6/30/1992	Saxon #4 Amendment 03-92-000		
		10/24/2001	Install/operate the LPGAC-WTF for San Gabriel 1&2; Amendment 04-07-01PA-000		
		9/9/2002	Include blending facility of high NO3 water for San Gabriel 1&2; Amendment 1910223PA-001		
		11/14/2003	Include perchlorate treatment by ion exchange for San Gabriel 1; Amendment 1910223PA-002		
		9/30/2010	Discontinue perchlorate treatment for San Gabriel Well #1; Amendment 1910223PA-003		
		7/13/2012	Amendment 1910223PA-004 - change San Gabriel Well #2 to active status; update the nitrate blending plan; use GAC in the former perchlorate treatment vessels		
		5/27/2016	Amendment 1910223PA-005 - add and operate Garvey Well 3 and GAC treatment for VOCs		
		1/27/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Mountain Desert	Barstow	4/14/1995	Original Permit # 03-13-95P-003		
		6/26/2003	PA # 1 Change Crooks to Active and place Fe/Mn treatment plant into operation		
		12/4/2003	PA # 2 to operate Crooks Nitrate blending facility		
		8/4/2006	Permit Amendment No. 05-13-06PA-029 to add two new well sources Bradshaw #13 and Bradshaw #14		
		1/13/2010	Permit amendment No. 05-13-10PA-002 for new Bear Valley North Reservoir		
		3/17/2011	Change status of Soapmine well from Active to Inactive. No PA Number		
		4/25/2014	Crooks from Active to Standby Status PA 05-13-14PA-015		
		7/10/2014	Add Bear Valley Reservoir to distribution system PA 05-13-14PA-025		
				Blending at Bradshaw Well 6	4/28/2015
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
				New 0.6 MG Eaton Reservoir	2/2/2017
				New 0.6 MG Linda Vista tank	1/29/2018
Mountain Desert	Calipatria	6/28/2005	Full system permit # 05-14-05P-010		
		1/8/2014	PA# 05-14-14PA-001 for the Niland Aeration Plant		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Mountain Desert	Morongo Del Norte	12/1/1997	Original system permit #12-01-97001		
		7/1/2003	Permit Renewal #03-3600270-01		
		8/1/2010	August 2010 permit recognizes new Bella Vista well and new Navajo reservoir. No. PA Number (San Bernardino County EHS)		
		9/12/2016	Permit renewal #PT0006386		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Mountain Desert	Morongo Del Sur	3/13/1997	Original Permit # 03-13-97P-001		
		1/25/2010	PA No. 05-13-10PA-003 to add new Vale No. 2 well		
		3/29/2013	PA # 05-13-13PA-010; approval for Uranium Removal Treatment		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
				Change status of Vale Well 2, Yeager Well 2 and Yeager Well 3 to standby	6/6/2017
Mountain Desert	Apple Valley South (VV1)	12/9/1970	Original Permit		
		11/19/1991	Amendment agreeing to merge Victorville # 1 and Victorville # 4 into one system as Victorville #1; PA Number 04-91-11		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
				Add Kiowa Well and Kiowa Tank	12/15/2017
Mountain Desert	Desert View (VV3)	1/1/1982	Original Permit		
		5/13/2003	Permit Renewal # 03-3600279-01		
		2/11/2014	Permit Renewal # 03-3600279-01 (no new number assigned)		
		10/25/2016	Permit renewal #PT0006387		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Mountain Desert	Apple Valley North (VV5)	2/15/1989	Original Permit #04-89-02		

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
		12/1/2003	(All) Requested name changes from numbered Victorville systems to named systems No PA Number		
		4/29/2016	Valley Crest Tank PA #05-13-16PA-D19		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
				New 0.30 MG Happy Trails tank	3/9/2018
Mountain Desert	Lucerne	2/22/1991	Original Permit #04-91-03		
		8/25/2009	PA No. 05-13-09PA-034 to add new Emerald well		
		11/8/2010	PA No. 05-13-10PA-055 to add new 0.5 MG reservoir (Emerald Reservoir)		
		2014	Change status of Meb Well to inactive		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
Mountain Desert	Wrightwood	Oct-87	Original Permit #87-050		
		4/25/1989	PA#1 Add Orchard Well		
		9/18/1989	PA #2 Rescinded moratorium on development required in permit of Oct 1987		
		6/11/2003	PA #3; Amendment to add Heathcreek 7 as new water supply and change Heathcreek 4 to active status and operate a manganese filtration system		
		11/4/2004	PA No. 4 to add Evergreen Well		
		4/25/2014	Add Linnet Reservoir to distribution system PA 05-13-14PA-017		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
		3/12/2018	Permit Amendment # 05-13-18PA-004 new manganese treatment system at Heathcreek Well 7		
West Orange County	Cowan Heights	6/29/2001	Domestic Water Supply Permit 05-08-01P-004 after consolidation of Cowan Heights, Lemon Heights, and Red Hill systems		
		1/18/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
				Install 2 temporary reservoirs to replace Peacock Reservoir	6/2/2017
West Orange County	Placentia	7/18/2003	Domestic Water Supply Permit 05-08-03P-014		
		6/24/2010	Permit Amendment 05-08-10PA-017 to construct and operate Orangethorpe well and Fe & Mn removal treatment plant.		
		3/19/2012	Permit Amendment 05-08-12PA-014 Orangethorpe packer		
		4/28/2016	05-08-16PA-018 Wilson Well		
		1/18/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
West Orange County	Yorba Linda	12/1/1998	Domestic Water Supply Permit 04-08-98P-050		
		12/28/2000	Permit Amendment issued for OC-90 (no PA # issued)		
		10/30/2006	Permit Amendment 05-08-06PA-040 Mn Seq Conc #2		
		10/19/2010	Permit Amendment 05-08-10PA-050 for 10" interconnection and 16" main between Placentia and Yorba Linda		
		1/18/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
West Orange County	West Orange	10/17/2014	Domestic Water Supply Permit 05-08-14P-013		
		1/18/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		

**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)	Others	End of Year Balance (i)
1	Water Revenue Adjustment Mechanism, net of Modified Cost Balancing Account	D 08-08-030 D 12-04-048	47,340,391	16,718,053		292,620	(32,187,019)		(2,607,974)	\$ 29,556,0
2	Base Revenue Requirement Adjustment Mechanism	D 09-10-028 D 10-03-016	1,376,706	(978,515)		7,064	(1,292,163)		54,900	(832,0
3	Electric supply cost balancing account	D 02-07-041	(5,155,019)			(50,969)	(\$2,366,380)	\$1,977,929	\$1,027,917	(4,566,5
4	Costs deferred for future recovery on Aerojet case	D 05 07 045	11,819,868			120,848	(1,284,256)			10,656,4
5	Pensions and other-retirement obligations	D 10-11-035	28,118,524			(1,288)	(1,922,547)		6,824,585	33,019,2
6	Derivative unrealized loss	D 09-05-025	4,900,503						(1,959,914)	2,940,5
7	Flow-through taxes, net	D 89-11-058	20,134,097						(37,850,051)	(17,715,9
8	Excess Deferred Income Taxes		-						(83,231,778)	(83,231,7
9	Asset retirement obligations		3,507,346						136,045	3,643,3
10	Low income rate assistance balancing accounts	D 08-01-043 for R1, D 02-01-034 for RII and RIII, Resolution E-3524 for D 11-09-017 for Hill Street Water Treatment Plant, Resolution # W-4877 for Randall Bold Balancing account	8,271,605			80,056	(2,388,912)		9,580	5,972,3
11	Bay Point balancing account		2,521,371			132,279	(871,838)			1,981,8
12	Electric transmission line abandonment costs	D 02-07-041	1,011,720						(1,011,720)	
13	General rate case memo accounts	D 10-11-035 for 1421 & 1422-W (RII and RIII interim rate true up surcharge), D.08-07-027 for RIII, 2005 capital additions revenue requirement adjustment, D 07-11-037 for RII & RIII interim rate true up, and D 13-05-011 for 1520 W (R1, RII and RIII interim rate true up surcharge	13,929,500			92,763	(3,932,935)		432,701	10,522,0:
14	Water supply cost balancing accounts	D 06-04-037	93,518		(39,448)		(39,712)			14,3:
15	Water conservation memo accounts	D 91-10-042	674,595				(487,805)			140,4:
16	Deferred Rate Case Costs	D 13-05-011	1,880,556	(563,855)					1,016,281	2,332,9:
17	Santa Maria memo accounts	D 07-05-041	2,178,231			108,597	(541,420)		41,286	1,786,6:
18	Renewable Portfolio Standard memo	D 07-01-024 D 12-03-048	452,193			2,228			(1,649)	452,7
19	Outside Service memo account	D 04 08 053	195,131			1,658	(106,723)			90,0:
20	CEMA	D 12-06-006 for BVE and Standard Practice U-27-W for Barstow Water Alert	91,749			740	(57,298)			35,11
21	Others	D 10-11-035 for well replacement study D 12-07-009 for interest balancing account Resolution # 4862 for OCAMA D 14-11-012 for energy efficiency including low income energy efficiency solar initiative D 14-04-021 for utility reform network (TURN) Resolution #W-4810 for ARRA balancing account BVES mobile home park	2,876,478			5,562	(549,738)		1,424,802	3,757,1:
22	2013 Balancing Accounts and Memorandum Accounts Amortizations -City of Temance - Oracle Technical Support - Conservation Oil - Los Osos groundwater and balancing acct -Santa Maria Stipulation Memo -Calipatria - One time GRC memo	D 13-05-011	905,883			90,268	(188,748)		130,410	937,8:
23	Various refunds to customers	D 11-12-034 for settlement refunds D.04-03-039 for Folsom refunds D 12-07-009 for cost of capital refunds	(777,141)			1,618	373,966	(246,730)	97,712	(550,5
24	COSMA and Tax repair regulatory liability	D 13-05-011	(470,626)			(560)		474,301		3,1
25	-Los Osos Interlocutory Stipulation Memorandum Account -Omega Chemical Corporation Superfund Site Memorandum Account -Bay Point Mandatory Rationing Implementation Memorandum Account - Santa Maria Steelhead Recovery Plan Memorandum Account -General Office Maintenance Memorandum Account	D 16-12-067	403,683			2,469		(246,694)	21,490	180,9:
26	2014 Water Conservation Memorandum Account ("2014WCMA")	Res W-4976 (p 15), W-5000, W-5034, W-5041 W-5131	-		1,540,487	12,965	(637,710)			915,7:
27			146,280,861	15,175,683	1,501,039	898,939	(48,281,238)	1,958,806	(115,491,702)	2,042,3:

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.

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.
2. Participation rate for Year 2017 (as a percent of total customers served).
3. Detail of balancing or memorandum account authorized to record expenses incurred and revenues collected for low income rate assistance program.

See attached for details

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:

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.

See attached for details

Schedule E-2
Description of Low-Income Rate Assistance Programs

1. Brief description of each low-income rate assistance program, 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.

Golden State Water Company (GSWC) has low-income rate assistance programs in its Region 1, Region 2 and Region 3 service territories. The program is known as the California Alternate Rates for Water (CARW) Program. In the Region 1, 2 and Region 3 service territories, the CARW Program provides a 20% discount to eligible residential customers via a flat rate monthly discount, which is applied to the total bill. The CARW flat rate discount is determined in every GSWC General Rate Case proceeding. A copy of the current adopted CARW flat rate discount in each Region is attached. **See Attachment A.**

Qualifications for the CARW flat rate discount are based on household income and household size. The income qualifications are listed in detail on GSWC tariff sheet Schedule No. LI. **See Attachment A.**

In December 2016, as part of the General Rate Case proceeding, GSWC was authorized to recalibrate and implement a new CARW surcharge to recover the costs recorded in the Region 1, Region 2, and Region 3 CARW Program Balancing Accounts. When the California Public Utilities Commission established the CARW program, a surcharge for non-CARW customers was set in place to offset the CARW program administrative costs. Any offset will be recorded in the CARW Balancing Account.

2. Participation rate for Year 2017 (as a percent of total customers served)

As of 12/31/17	Total Number of Accts	Number of Residential Accts with CARW Discounts	% of Accts with CARW Discounts
ARDEN CORDOVA	16,891	1,484	8.79%
BAY POINT	5,079	1,213	23.88%
CLEARLAKE	2,083	539	25.88%
LOS OSOS	3,293	402	12.21%
SANTA MARIA	14,709	2,012	13.68%
SIMI VALLEY	13,538	1,677	12.39%
REGION 2	103,046	22,324	21.66%
REGION 3	100,310	13,482	13.44%

Total	258,949	43,133	16.66%
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3. Detail of balancing or memorandum account authorized to record expenses incurred and revenues collected for low income rate assistance program.

GSWC maintains a CARW Balancing Account for each of its three Regions. Each CARW Balancing Account records the monthly difference between the CARW flat rate discounts, the CARW administrative program costs, and the revenues generated by the CARW surcharges. Interest is applied to the monthly net balance. The CARW Balancing Accounts are audited in every GSWC General Rate Case proceeding.

Attachment A

Schedule No. LI

Page 1 of 2

CALIFORNIA ALTERNATE RATES FOR WATER (CARW)
DOMESTIC SERVICE - SINGLE FAMILY ACCOMMODATION

APPLICABILITY

Applicable to residential water service for domestic use rendered to low-income households where the customer meets all the Special Conditions of this rate schedule.

TERRITORY

Within all Customer Service Areas served by the Company.

RATES

Discount applied to the regular filed tariff in the applicable Customer Service Area.

CSA	Monthly CARW Credit Amount	
Arden Cordova	\$ 6.00	(I)
Arden Cordova (Flat)	\$ 13.00	(I)
Bay Point	\$ 17.00	(I)
Clearlake	\$ 29.00	(I)
Los Osos	\$ 28.00	(I)
Ojai	\$ 20.00	(I)
Santa Maria	\$ 10.00	(I)
Simi Valley	\$ 12.00	(I)
Region 2	\$ 12.00	(I)
Region 3	\$ 13.00	(I)

QUALIFIED NON-PROFIT GROUP LIVING FACILITIES RATES

Non-profit group living facilities, agricultural employee housing facilities, and migrant farm-worker housing centers will receive a flat monthly credit of \$20.00

(Continued)

(To be inserted by utility)

Issued By

(To be inserted by P.U.C.)

Advice Letter No. 1683-WA

R. J. Sprowls

Date Filed July 25, 2017

Decision No. 17-03-001

President

Effective April 20, 2017

Resolution No. _____

Schedule No. LI

**CALIFORNIA ALTERNATE RATES FOR WATER (CARW)
 DOMESTIC SERVICE - SINGLE FAMILY ACCOMMODATION
 (Continued)**

SPECIAL CONDITIONS

1. Low-Income Household: A Low-Income Household is a household where the total gross annual income from all sources is no more than shown on the table below based on the number of persons in the household. Total gross income shall include income from all sources, both taxable and nontaxable.

(Effective as of June 1, 2017)	
Number of Persons in Household	Total Gross Annual Income
1-2	\$ 32,480
3	\$ 40,840
4	\$ 49,200
5	\$ 57,560
6	\$ 65,920
7	\$ 74,280
8	\$ 82,640
Each Additional person	\$ 8,360

(T)

 (T)

2. Application and Eligibility Declaration: An application and eligibility declaration on a form authorized by the Commission is required for each request for service under this schedule. Customers are only eligible to receive service under this rate schedule at one residential location at any one time, and the rate applies only to the customer's permanent primary residence. A customer may present documentation showing approval into their energy provider's California Alternate Rate for Energy Program ("CARE") or provide verification of their household income. Renewal of a customer's eligibility declaration will be required every two years and may be required on an annual basis.
3. Commencement of Rate: Eligible customers shall be billed on this schedule commencing with the next regularly scheduled billing period that follows verification and approval of application by the Utility.
4. Verification: Information provided by the applicant is subject to verification by the Utility. Refusal or failure of a customer to provide documentation of eligibility acceptable to the Utility, upon request by the Utility, shall result in removal from this rate schedule.
5. Notice From Customer: It is the customer's responsibility to notify the Utility if there is a change of eligibility status. Notification should be made within 30 days of the customer's change in eligibility.
6. Rebilling: Customers may be re-billed for periods of ineligibility under the applicable rate schedule.
7. Mobile home Park and Master-metered: A reduction will be calculated in the bill of mobile home park and master-metered customers, who have sub-metered tenants that meet the income eligibility criteria. A discount will be passed through to eligible customer(s).

(To be inserted by utility)

Issued By

(To be inserted by P.U.C.)

Advice Letter No. 1701-W

R. J. Sprowls

Date Filed May 1, 2017

Decision No. 12-08-044

President

Effective June 1, 2017

Resolution No. _____

INFORMATION ONLY

CONSERVATION & LOW-INCOME DATA

2017

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
ARDEN CORDOVA												
Irrigation												
1 1/2" meter												
CCF	1,028	250	222	238	1,364	283	4,984	305	4,782	239	3,372	202
Customer	8	8	8	8	8	8	8	8	8	8	8	8
CCF/Customer	229	31	28	30	171	35	623	38	598	30	422	25
5-yr Avg	57	39	52	59	115	141	221	190	211	93	144	46
Reduction	-299%	19%	47%	50%	-48%	75%	-182%	80%	-183%	68%	-192%	45%
1" meter												
CCF	236	587	265	981	1,769	3,848	6,402	5,466	6,518	4,756	3,694	839
Customer	61	61	61	61	61	61	61	61	61	60	60	60
CCF/Customer	4	10	4	16	29	63	105	90	107	79	62	14
5-yr Avg	9	1	13	2	44	4	88	7	113	9	50	3
Reduction	59%	-743%	67%	-616%	34%	-1375%	-20%	-1138%	6%	-806%	-22%	-404%
2" meter												
CCF	3,446	4,931	2,536	1,794	21,950	33,281	87,695	47,731	77,753	42,201	31,956	9,709
Customer	288	288	288	285	285	285	284	284	285	283	283	283
CCF/Customer	12	17	9	6	77	117	309	168	273	149	113	34
5-yr Avg	27	31	29	48	120	115	272	157	331	164	152	66
Reduction	55%	45%	70%	87%	36%	-1%	-14%	-7%	18%	9%	26%	48%
3" meter												
CCF	418	1,360	1,249	3,234	4,057	8,967	10,729	10,050	11,709	9,115	3,627	307
Customer	15	15	15	15	14	14	14	14	14	15	15	15
CCF/Customer	28	91	83	216	290	641	766	718	836	608	242	20
5-yr Avg	59	102	111	210	377	762	981	930	1,116	787	581	115
Reduction	52%	11%	25%	-2%	23%	16%	22%	23%	25%	23%	58%	82%
3/4" meter												
CCF	145	1	47	28	244	199	1,494	383	2,056	422	1,294	152
Customer	22	22	22	22	22	22	22	22	22	22	22	22
CCF/Customer	7	0	2	1	11	9	68	17	93	19	59	7
5-yr Avg	4	3	3	6	14	6	43	15	186	12	41	7
Reduction	55%	98%	20%	80%	21%	-52%	-57%	-16%	50%	-57%	-44%	5%
4" meter												
CCF	18	179	39	702	186	4,348	1,566	4,554	1,159	5,595	1,025	421
Customer	3	3	3	3	3	3	3	3	3	5	5	5
CCF/Customer	6	60	13	234	62	1,449	522	1,518	386	1,119	205	84
5-yr Avg	37	197	39	111	229	646	534	914	550	1,282	278	557
Reduction	84%	70%	67%	-110%	73%	-124%	2%	-66%	30%	13%	26%	85%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
CCF	27	2	15	-	45	108	182	148	201	93	51	7
Customer	6	6	6	6	6	6	6	6	6	6	6	6
CCF/Customer	5	0	3	-	8	18	30	25	34	16	9	1
5-yr Avg	1	12	5	22	27	47	71	73	98	45	52	11
Reduction	-260%	97%	49%	100%	72%	61%	57%	66%	66%	65%	84%	90%
6" meter												
CCF	-	-	-	370	(1)	5,497	5,435	4,972	4,179	3,080	741	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	-	-	-	370	(1)	5,497	5,435	4,972	4,179	3,080	741	-
5-yr Avg	9	422	415	961	2,858	5,923	6,413	5,005	4,467	3,090	1,878	3
Reduction	100%	100%	100%	61%	100%	7%	15%	1%	6%	0%	61%	100%
Sprinkler 8" to 3"												
CCF	-	-	-	-	132	266	217	348	421	115	18	51
Customer	-	-	-	-	1	1	1	1	1	1	1	1
CCF/Customer	-	-	-	-	132	266	217	348	421	115	18	51
three 2" meters												
CCF	-	1	3	-	268	2,075	2,546	1,778	2,031	(853)	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	-	1	3	-	268	2,075	2,546	1,778	2,031	(853)	-	-
5-yr Avg	4	41	34	185	427	1,411	1,857	1,921	1,653	1,267	410	66
Reduction	100%	98%	91%	100%	37%	-47%	-37%	7%	-23%	167%	100%	100%
two 2" meters												
CCF	-	-	2	116	118	986	1,480	1,468	1,026	79	70	-
Customer	2	2	2	2	2	2	2	2	2	1	1	1
CCF/Customer	-	-	1	58	59	493	740	734	513	79	70	-
5-yr Avg	-	0	27	39	367	889	1,315	1,259	1,129	1,049	412	98
Reduction	0%	100%	96%	-48%	84%	45%	44%	42%	55%	92%	83%	100%
Public Authority - Metered	3,278	3,016	5,017	11,206	10,602	12,715	21,773	19,101	18,433	12,252	9,704	5,801
10" meter												
CCF	716	533	544	678	-	505	1,185	544	615	882	(176)	335
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	716	533	544	678	-	505	1,185	544	615	882	(176)	335
5-yr Avg	410	476	415	632	765	1,269	1,602	1,632	1,639	862	755	698
Reduction	-74%	-12%	-31%	-7%	100%	60%	26%	67%	62%	-2%	123%	52%
2" meter												
CCF	95	84	177	127	274	313	784	418	1,102	810	1,277	148
Customer	6	6	6	6	5	5	5	5	5	6	6	6
CCF/Customer	16	14	30	21	55	63	157	84	220	135	213	25
5-yr Avg	24	4	43	9	101	107	298	79	380	142	218	15
Reduction	35%	-250%	32%	-139%	46%	41%	47%	-6%	42%	5%	3%	-70%
3" meter												
CCF	169	318	247	913	442	5,514	5,421	4,272	4,669	4,935	2,812	201
Customer	7	7	7	7	5	5	5	5	5	6	6	6
CCF/Customer	24	45	35	130	88	1,103	1,084	854	934	823	469	34

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
5-yr Avg	87	55	50	124	198	342	424	483	401	622	607	154
Reduction	72%	18%	30%	-5%	55%	-223%	-156%	-77%	-133%	-32%	23%	78%
4" meter												
CCF	279	204	431	340	574	5,223	5,532	4,940	4,619	4,390	2,744	383
Customer	6	6	6	6	6	6	6	6	6	7	7	7
CCF/Customer	47	34	72	57	96	871	922	823	770	627	392	55
5-yr Avg	169	121	109	146	336	637	958	1,010	798	1,290	518	419
Reduction	72%	72%	34%	61%	72%	-37%	4%	18%	3%	52%	24%	87%
6" meter												
CCF	403	477	488	663								
Customer	1	1	1	1								
CCF/Customer	403	477	488	663								
8" meter												
CCF	6	85	(1)	28	21	(1)	93	-	-	-	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	6	85	(1)	28	21	(1)	93	-	-	-	-	-
5-yr Avg	91	96	177	195	241	376	538	492	372	308	251	194
Reduction	93%	11%	101%	86%	91%	100%	83%	100%	100%	100%	100%	100%
Sprinkler 6" to 3"												
CCF					484	1,176	1,087	1,108	858	642	389	233
Customer					2	2	2	2	2	2	2	2
CCF/Customer					242	588	544	554	429	321	195	117
Sprinkler 8" to 2"												
CCF					64	79	38	35	84	101	177	87
Customer					1	1	1	1	1	1	1	1
CCF/Customer					64	79	38	35	84	101	177	87
Sprinkler 8" to 6"												
CCF					517	561	476	358	407	638	626	408
Customer					1	1	1	1	1	1	1	1
CCF/Customer					517	561	476	358	407	638	626	408
three 2" meters												
CCF			1	198	311	1,857	633	2,910	850	(206)		
Customer	2	2	2	2	2	2	2	2	2	2		
CCF/Customer			1	99	156	929	317	1,455	425	#DIV/0!	#DIV/0!	#DIV/0!
5-yr Avg	91	96	177	195	241	376	538	492	372	308	251	194
Reduction	100%	100%	100%	49%	35%	-147%	41%	-196%	-14%	#DIV/0!	#DIV/0!	#DIV/0!

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
two 2" meters												
CCF	36	39	57	53	136	1,012	1,406	1,531	1,169	30	222	42
Customer	3	3	3	3	3	3	3	3	3	2	2	2
CCF/Customer	12	13	19	18	45	337	469	510	390	15	111	21
5-yr Avg	91	96	177	195	241	376	538	492	372	308	251	194
Reduction	87%	86%	89%	91%	81%	10%	13%	-4%	-5%	95%	56%	89%
Commercial												
1 1/2" meter												
CCF	7,307	7,199	3,965	2,787	2,683	2,550	5,529	3,139	5,720	3,243	4,933	2,120
Customer	60	60	60	60	58	58	58	58	58	58	58	58
CCF/Customer	122	120	66	46	46	44	95	54	99	56	85	37
5-yr Avg	79	46	74	49	96	63	123	77	125	79	104	55
Reduction	53%	-160%	11%	4%	52%	30%	23%	30%	21%	30%	18%	34%
1" meter												
CCF	6,722	3,051	6,610	2,924	8,336	3,058	9,137	6,783	9,388	6,223	8,336	4,123
Customer	243	242	242	242	241	242	241	242	241	242	240	240
CCF/Customer	28	13	27	12	35	13	38	28	39	26	35	17
5-yr Avg	44	39	24	41	36	47	49	49	49	49	53	31
Reduction	37%	68%	-12%	71%	4%	73%	22%	42%	20%	48%	34%	45%
2" meter												
CCF	30,349	44,396	26,647	39,975	33,698	109,809	64,446	137,170	68,206	126,712	46,717	68,334
Customer	568	569	569	570	565	564	564	564	564	565	563	562
CCF/Customer	53.43	78	47	70	60	195	114	243	121	224	83	122
5-yr Avg	57	121	54	148	82	276	126	354	132	391	93	193
Reduction	7%	35%	14%	53%	27%	29%	9%	31%	8%	43%	11%	37%
3" meter												
CCF	16,754	23,529	16,372	21,430	9,984	18,225	16,608	19,147	17,404	19,752	17,141	15,147
Customer	63	63	62	62	46	46	46	46	46	49	48	49
CCF/Customer	266	373	264	346	217	396	361	416	378	403	357	309
5-yr Avg	278	326	267	368	357	523	490	724	470	627	431	364
Reduction	5%	-15%	1%	6%	39%	24%	26%	42%	19%	36%	17%	15%
3/4" meter												
CCF	1,227	906	900	704	818	785	1,256	1,006	1,593	1,280	1,282	669
Customer	72	72	72	72	72	71	70	69	70	70	70	70
CCF/Customer	17	13	13	10	11	11	18	15	23	18	18	10
5-yr Avg	15	13	10	13	13	20	14	26	15	27	16	16
Reduction	-16%	1%	-20%	22%	14%	45%	-27%	44%	-50%	33%	-12%	41%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
4" meter												
CCF	4,046	7,807	3,943	3,684	1,426	3,142	2,081	3,856	1,963	14,085	10,337	7,820
Customer	11	11	11	11	8	8	8	8	8	18	18	19
CCF/Customer	368	710	358	335	178	393	260	482	245	783	574	412
5-yr Avg	249	306	193	363	229	481	433	586	521	623	438	390
Reduction	-48%	-132%	-86%	8%	22%	18%	40%	18%	53%	-26%	-31%	-6%
5/8" meter												
CCF	221	18	300	5	220	10	197	41	268	17	237	6
Customer	13	14	14	14	13	13	14	14	14	14	14	14
CCF/Customer	17	1	21	0	17	1	14	3	19	1	17	0
5-yr Avg	47	9	30	21	32	11	53	13	43	14	47	7
Reduction	64%	86%	29%	98%	47%	93%	73%	77%	56%	91%	64%	94%
6" meter												
CCF	13,897	(4,297)	5,211	6,813	15,455	16,288	16,231	11,705	5,146	1,623	1,789	12,908
Customer	3	3	3	3	2	2	2	2	2	2	2	2
CCF/Customer	4,632	(1,432)	1,737	2,271	7,728	8,144	8,116	5,853	2,573	812	895	6,454
5-yr Avg	1,243	1,191	1,099	1,401	1,601	2,190	2,375	2,389	2,541	1,708	1,705	1,309
Reduction	-273%	220%	-58%	-62%	-383%	-272%	-242%	-145%	-1%	52%	48%	-393%
Sprinkler 6" to 1 1/2"												
CCF					351	677	543	531	723	488	381	302
Customer					0	2	2	2	2	2	2	2
CCF/Customer					#DIV/0!	339	272	266	362	244	191	151
Sprinkler 6" to 2"												
CCF					326	1,325	1,376	1,129	405	350	264	223
Customer					0	2	2	2	2	2	2	2
CCF/Customer					#DIV/0!	663	688	565	203	175	132	112
Sprinkler 6" to 3"												
CCF					5,965	9,794	11,229	9,803	15,155	13,372	10,000	7,372
Customer					0	12	12	12	12	12	12	12
CCF/Customer					#DIV/0!	816	936	817	1,263	1,114	833	614
Sprinkler 6" to 4"												
CCF					2,178	3,115	5,419	5,055	6,176	4,590	2,101	1,872
Customer					0	2	2	2	2	2	2	2
CCF/Customer					#DIV/0!	1,558	2,710	2,528	3,088	2,295	1,051	936
Sprinkler 8" to 2"												
CCF					1,367	2,309	2,181	1,926	2,326	2,154	1,658	1,561
Customer					0	3	3	3	3	3	3	3
CCF/Customer					#DIV/0!	770	727	642	775	718	553	520
Sprinkler 8" to 3"												
CCF					4,803	2,786	8,885	3,376	7,613	2,338	6,596	1,595
Customer					0	5	5	5	5	5	5	5
CCF/Customer					#DIV/0!	557	1,777	675	1,523	468	1,319	319

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Sprinkler 8" to 4"												
CCF					600	938	234	581	1,404	1,658	1,371	1,191
Customer					0	1	1	1	1	1	1	1
CCF/Customer					#DIV/0!	938	234	581	1,404	1,658	1,371	1,191
Sprinkler 8" to 6"												
CCF					2,689	1,797	2,290	2,095	2,446	1,495	1,134	993
Customer					0	1	1	1	1	1	1	1
CCF/Customer					#DIV/0!	1,797	2,290	2,095	2,446	1,495	1,134	993
three 2" meters												
CCF	6,731	6,153	5,730	8,973	7,977	13,036	16,403	19,677	14,433	15,874	6,961	3,628
Customer	19	19	19	19	19	19	19	19	19	11	11	11
CCF/Customer	354	324	302	472	420	686	863	1,036	760	1,443	633	330
5-yr Avg	404	453	386	593	644	977	1,000	1,056	995	1,034	715	532
Reduction	12%	28%	22%	20%	35%	30%	14%	2%	24%	-40%	11%	38%
two 2" meters												
CCF	8,998	9,676	8,828	11,162	11,678	20,852	19,404	19,348	18,921	15,254	9,510	7,470
Customer	41	41	41	41	41	41	41	41	41	34	34	32
CCF/Customer	219	236	215	272	285	509	473	472	461	449	280	233
5-yr Avg	315	362	315	462	466	671	704	749	683	798	507	397
Reduction	30%	35%	32%	41%	39%	24%	33%	37%	32%	44%	45%	41%
Industrial												
2" meter												
CCF	32	19	49	15	153	78	303	111	346	116	266	115
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	8	5	12	4	38	20	76	28	87	29	67	29
5-yr Avg	18	33	26	23	87	70	85	45	112	78	55	55
Reduction	56%	86%	52%	84%	56%	72%	10%	38%	23%	63%	-22%	48%
Residential												
1 1/2" meter												
CCF	91		3		901		3,784		3,332		2,549	
Customer	27	27	27	27	27	27	27	27	27	27	27	27
CCF/Customer	3	-	0	-	33	-	140	-	123	-	94	-
5-yr Avg	752	255	299	501	663	1,088	503	292	360	263	210	173
Reduction	100%	100%	100%	100%	95%	100%	72%	100%	66%	100%	55%	100%
1" meter												
CCF	9,232	4,689	7,086	4,947	12,515	11,524	30,727	15,375	29,595	14,040	22,399	7,138
Customer	942	943	943	944	943	941	941	944	943	944	941	952
CCF/Customer	10	5	8	5	13	12	33	16	31	15	24	7
5-yr Avg	6	7	9	10	18	21	35	27	37	29	25	14
Reduction	-53%	32%	17%	49%	27%	41%	6%	39%	16%	49%	6%	45%
2" meter												
CCF	796	449	730	582	1,113	1,965	3,363	3,463	3,345	3,166	2,906	986
Customer	26	26	26	26	26	26	26	26	26	25	26	26
CCF/Customer	31	17	28	22	43	76	129	133	129	127	112	38
5-yr Avg	64	18	56	31	125	66	231	78	493	92	242	48

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Reduction	52%	5%	50%	27%	66%	-15%	44%	-70%	74%	-38%	54%	20%
3" meter												
CCF	75	106	(72)	114	97	164	150	73	232	146	224	(46)
Customer	2	3	4	4	3	2	3	2	4	4	4	4
CCF/Customer	38	35	(18)	29	32	82	50	37	58	37		
3/4" meter												
CCF	59,915	69,206	54,677	77,411	85,756	166,590	205,463	261,062	212,887	226,827	131,016	110,993
Customer	9,636	9,686	9,737	9,747	9,835	9,849	9,862	9,876	9,891	9,914	9,922	9,928
CCF/Customer	6	7	6	8	9	17	21	26	22	23	13	11
5-yr Avg	0	0	0	0	0	1	0	2	1	2	2	1
Reduction	-2882%	-4275%	-4316%	-3704%	-4755%	-2962%	-6668%	-1558%	-3558%	-1151%	-467%	-876%
5/8" meter												
CCF	10,528	16,961	9,820	20,037	11,260	37,682	20,067	53,167	18,418	50,162	15,189	26,069
Customer	2,142	2,345	2,352	2,353	2,364	2,367	2,368	2,369	2,374	2,375	2,377	2,381
CCF/Customer	4	7	4	9	5	16	8	22	8	21	6	11
5-yr Avg	(3)	15	7	17	2	33	7	48	7	49	4	22
Reduction	257%	51%	39%	49%	-217%	51%	-13%	54%	-10%	57%	-60%	50%
Sprinkler 1" TO 3/4"												
CCF	20	1,870	(60)	1,844	9	2,238	46	3,203	33	4,078	16	3,055
Customer	159	159	204	204	209	213	225	229	239	252	252	263
CCF/Customer	0	12	(0)	9	0	11	0	14	0	16	0	12
BAY POINT												
Irrigation												
1 1/2" meter												
CCF	-	-	1	29	51	77	78	76	82	51	17	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	-	-	1	29	51	77	78	76	82	51	17	-
5-yr Avg	-	0	5	13	26	65	103	104	103	73	37	14
Reduction	0%	100%	81%	-127%	-99%	-19%	24%	27%	21%	30%	54%	100%
1" meter												
CCF	74	60	53	332	672	938	1,250	1,265	1,097	705	453	118
Customer	14	14	14	14	14	14	14	14	14	14	14	14
CCF/Customer	5	4	4	24	48	67	89	90	78	50	32	8
5-yr Avg	10	11	14	42	77	119	146	127	140	116	62	20
Reduction	47%	60%	72%	43%	37%	44%	39%	29%	44%	56%	48%	58%
2" meter												
CCF	150	115	81	171	1,332	2,699	2,833	1,945	2,302	2,059	1,487	366
Customer	17	18	18	18	18	18	18	18	18	18	18	18
CCF/Customer	9	6	5	10	74	150	157	108	128	114	83	20
5-yr Avg	10	14	20	52	90	170	209	208	192	147	77	42
Reduction	13%	55%	77%	82%	18%	12%	25%	48%	33%	22%	-7%	51%
3" meter												
CCF	-	-	-	-	-	-	7	3	1	-	1	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	-	-	-	-	-	-	7	3	1	-	1	-

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
5-yr Avg	15	47	50	131	235	238	238	130	174	202	166	75
Reduction	100%	100%	100%	100%	100%	100%	100%	97%	98%	99%	100%	99%
5/8" meter												
CCF	22	17	17	25	71	97	61	75	250	277	118	44
Customer	5	5	5	5	5	5	5	5	5	5	5	5
CCF/Customer	4	3	3	5	14	19	12	15	50	55	24	9
5-yr Avg	13	10	9	15	18	26	35	56	82	84	85	41
Reduction	65%	64%	60%	67%	20%	27%	66%	73%	39%	34%	72%	78%
two 2" meters												
CCF	605	584	498	516	520	625	578	419	445	416	328	300
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	605	584	498	516	520	625	578	419	445	416	328	300
5-yr Avg	305	283	321	440	625	940	1,079	1,033	1,018	800	464	308
Reduction	-98%	-106%	-55%	-17%	17%	34%	46%	59%	56%	48%	29%	3%
Other Sales and Services												
3" meter												
CCF	5	6	7	2	6	(3)	4	5	-			
Customer	1	1	1	1	1	1	1	1				
CCF/Customer	5	6	7	2	6	(3)	4	5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
5-yr Avg	4	4	5	7	4	3	16	5	7	33	2	5
Reduction	-33%	-50%	-47%	72%	-43%	194%	75%	-9%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
5/8" meter												
CCF	6	4	4	11	13	15	29	16	-			
Customer	1	1	1	1	1	1	1	1				
CCF/Customer	6	4	4	11	13	15	29	16	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Public Authority - Metered												
1 1/2" meter												
CCF	208	217	181	237	(202)	12	13	97	169	91	52	15
Customer	3	3	3	3	2	2	2	2	2	2	2	2
CCF/Customer	69	72	60	79	(101)	6	7	49	85	46	26	8
5-yr Avg	11	13	21	35	59	99	95	101	126	78	36	19
Reduction	-560%	-446%	-104%	-123%	272%	94%	93%	52%	33%	42%	28%	60%
1" meter												
CCF	11	8	7	9	8	9	11	10	8	9	9	8
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	11	8	7	9	8	9	11	10	8	9	9	8
5-yr Avg	4	4	4	4	4	4	4	4	4	4	4	4
Reduction	-166%	-94%	-69%	-118%	-94%	-118%	-166%	-142%	-94%	-118%	-118%	-94%
2" meter												
CCF	62	91	82	76	648	1,071	1,580	1,859	855	729	454	83
Customer	5	5	5	5	5	5	5	5	5	5	5	5
CCF/Customer	12	18	16	15	130	214	316	372	171	146	91	17
5-yr Avg	47	57	55	68	168	233	288	240	299	190	118	71
Reduction	74%	68%	70%	78%	23%	8%	-10%	-55%	43%	23%	23%	77%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	95	140	137	114	244	635	1,388	938	559	501	272	237
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	48	70	69	57	122	318	694	469	280	251	136	119
5-yr Avg	201	241	165	230	471	579	679	721	605	491	237	133
Reduction	76%	71%	58%	75%	74%	45%	2%	35%	54%	49%	43%	11%
4" meter												
CCF	103	151	16	69	491	1,060	1,424	1,126	1,167	638	241	69
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	52	76	8	35	246	530	712	563	584	319	121	35
5-yr Avg	166	92	80	78	71	85	114	127	130	135	283	277
Reduction	69%	18%	90%	56%	-247%	-525%	-523%	-343%	-350%	-137%	57%	88%
5/8" meter												
CCF	22	17	14	17	18	29	47	34	43	72	72	112
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	6	4	4	4	5	7	12	9	11	18	18	28
5-yr Avg	23	33	20	24	27	32	33	12	17	20	17	27
Reduction	76%	87%	83%	82%	83%	78%	64%	30%	35%	11%	-6%	-2%
Sprinkler 6" to 1 1/2"												
CCF					453	377	420	329	333	297	213	177
Customer					1	1	1	1	1	1	1	1
CCF/Customer					453	377	420	329	333	297	213	177
CCF Commercial												
1 1/2" meter												
CCF	1,682	1,548	1,529	1,979	(948)	542	664	664	573	564	502	490
Customer	10	10	10	10	9	9	9	9	9	9	9	9
CCF/Customer	168	155	153	198	(105)	60	74	74	64	63	56	54
5-yr Avg	14	13	13	16	16	19	22	21	21	19	16	14
Reduction	-1141%	-1080%	-1095%	-1170%	773%	-216%	-233%	-254%	-200%	-236%	-254%	-299%
1" meter												
CCF	955	874	741	1,050	1,196	1,018	1,253	1,773	1,170	1,004	1,019	847
Customer	38	38	38	38	38	37	37	38	38	38	38	38
CCF/Customer	25	23	20	28	31	28	34	47	31	26	27	22
5-yr Avg	35	37	32	38	36	43	45	43	44	40	39	36
Reduction	29%	37%	40%	28%	13%	35%	25%	-9%	29%	33%	31%	38%
2" meter												
CCF	6,263	5,671	5,133	6,108	3,692	5,294	7,016	5,920	6,245	5,908	5,249	5,214
Customer	42	42	42	42	39	39	39	39	39	39	39	39
CCF/Customer	149	135	122	145	95	136	180	152	160	151	135	134
5-yr Avg	131	131	116	142	151	182	194	187	190	157	151	129
Reduction	-14%	-3%	-5%	-3%	37%	26%	7%	19%	16%	3%	11%	-4%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	3,221	3,120	2,760	3,529	(552)	1,830	1,880	1,772	2,234	1,814	1,722	1,414
Customer	7	7	7	7	8	6	7	8	8	9	9	9
CCF/Customer	460	446	394	504	(69)	305	269	222	279	202	191	157
5-yr Avg	3	17	18	19	2	1	61	209	3	15	21	5
Reduction	-16632%	-2484%	-2153%	-2553%	3550%	-36500%	-344%	-6%	-9208%	-1266%	-811%	-3267%
4" meter												
CCF	542	497	452	552	490	590	685	580	676	581	540	485
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	542	497	452	552	490	590	685	580	676	581	540	485
5-yr Avg	586	367	361	391	500	516	533	512	633	463	421	110
Reduction	8%	-35%	-25%	-41%	2%	-14%	-28%	-13%	-7%	-25%	-28%	-340%
5/8" meter												
CCF	1,233	973	918	1,076	1,013	1,439	1,594	1,343	1,514	1,367	1,377	1,122
Customer	105	106	107	106	105	105	104	104	105	105	106	106
CCF/Customer	12	9	9	10	10	14	15	13	14	13	13	11
5-yr Avg	14	13	13	16	16	19	22	21	21	19	16	14
Reduction	13%	30%	33%	35%	38%	28%	31%	38%	32%	30%	17%	22%
8" meter												
CCF	308	274	273	387	(387)							
Customer	1	1	1	1								
CCF/Customer	308	274	273	387	#DIV/D!							
Sprinkler 6" to 1 1/2"												
CCF					1,863	1,363	782	764	1,748	1,651	2,106	1,315
Customer					2	2	2	2	2	2	2	2
CCF/Customer					932	682	391	382	874	826	1,053	658
Sprinkler 6" to 3"												
CCF					2,981	2,498	2,777	2,468	2,054	1,432	813	483
Customer					2	2	2	2	2	2	2	2
CCF/Customer					1,491	1,249	1,389	1,234	1,027	716	407	242
Sprinkler 8" to 2"												
CCF					3,066	1,546	3,261	587	1,013	1,093	604	574
Customer					2	2	2	2	2	2	2	2
CCF/Customer					1,533	773	1,631	294	507	547	302	287
Sprinkler 8" to 3"												
CCF					1,870	1,105	1,280	1,033	1,084	988	872	989
Customer					1	1	1	1	1	1	1	1
CCF/Customer					1,870	1,105	1,280	1,033	1,084	988	872	989
three 1" meters												
CCF	158	143	129	156	108	133	131	132	190	208	190	103
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	158	143	129	156	108	133	131	132	190	208	190	103
5-yr Avg	232	208	209	228	237	271	285	258	284	228	215	180
Reduction	32%	31%	38%	31%	54%	51%	54%	49%	33%	9%	12%	43%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
CCF Industrial												
2" meter												
CCF	197	314	326	390	374	827	770	722	1,050	759	424	350
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	66	105	109	130	125	276	257	241	350	253	141	117
5-yr Avg	1,095	852	965	1,015	902	931	934	922	1,010	832	861	774
Reduction	94%	88%	89%	87%	86%	70%	73%	74%	65%	70%	84%	85%
3" meter												
CCF	577	742	753	837	779	787	1,160	1,006	1,057	880	687	509
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	577	742	753	837	779	787	1,160	1,006	1,057	880	687	509
4" meter												
CCF	715	892	792	983	855	1,902	1,690	886	1,166	1,114	972	1,133
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	715	892	792	983	855	1,902	1,690	886	1,166	1,114	972	1,133
5/8" meter												
CCF	31	31	7	8	10	8	15	16	7	11	7	6
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	31	31	7	8	10	8	15	16	7	11	7	6
5-yr Avg	21	10	7	10	10	11	17	11	14	8	9	6
Reduction	-50%	-221%	-5%	23%	0%	25%	13%	-90%	51%	-43%	22%	0%
CCF Residential												
1 1/2" meter												
TIER 1	8	8	8	8	8	8	8	8	8	8	8	8
TIER 2	6	6	5	4	2	1	3	2	4	5	4	4
TIER 3	2	1	-	-	-	-	-	-	-	-	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	16	15	13	12	10	9	11	10	12	13	12	12
1" meter												
TIER 1	12	17	6	16	30	73	240	66	125	150	160	193
TIER 2	2	2	1	5	7	17	72	(25)	45	29	32	28
TIER 3	-	-	-	-	-	15	33	(2)	60	36	18	22
Customer	3	6	6	14	23	46	46	51	50	54	54	54
CCF/Customer	5	3	1	2	2	2	8	1	5	4	4	5
5-yr Avg	7	7	7	8	11	24	31	23	64	21	13	7
Reduction	28%	54%	84%	80%	85%	90%	76%	97%	93%	81%	70%	36%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
TIER 1	25,039	23,759	22,685	25,649	25,216	29,155	29,797	27,976	29,718	27,659	27,065	25,054
TIER 2	3,427	2,559	2,194	3,746	3,520	7,331	8,913	6,683	8,344	5,838	4,691	3,498
TIER 3	1,191	652	525	874	799	2,973	4,949	3,151	4,143	2,001	1,200	1,027
Customer	4681	4689	4696	4700	4692	4687	4688	4685	4684	4678	4687	4689
CCF/Customer	6	6	5	6	6	8	9	8	9	8	7	6
5-yr Avg	8	8	8	10	11	14	16	16	16	13	11	9
Reduction	25%	31%	30%	33%	41%	41%	43%	49%	43%	43%	36%	29%
Sprinkler 1" TO 3/4"												
TIER 1	7	8	7	8	8	8	8	8	8	8	8	8
TIER 2	-	1	-	3	2	1	4	-	-	2	1	3
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	7	9	7	11	10	9	12	8	8	10	9	11
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	153	154	138	167	182	196	195	190	200	208	199	178
TIER 2	28	23	19	41	43	85	94	73	89	77	68	45
TIER 3	24	14	12	16	22	65	108	67	75	59	39	31
Customer	28	28	28	28	28	28	28	28	28	28	28	28
CCF/Customer	7	7	6	8	9	12	14	12	13	12	11	9
LOS OSOS												
Irrigation												
1 1/2" meter												
CCF	-	16	-	13	-	42	-	44	-	41	-	50
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	-	5	-	4	-	14	-	15	-	14	-	17
5-yr Avg	-	90	-	100	-	97	-	138	-	148	-	100
Reduction	-	94%	-	96%	-	86%	-	89%	-	91%	-	83%
1" meter												
CCF	27	45	3	34	10	175	27	290	143	319	131	294
Customer	12	12	12	12	12	12	12	13	13	13	13	13
CCF/Customer	2	4	0	3	1	15	2	22	11	25	10	23
5-yr Avg	21	17	18	20	23	48	27	75	27	82	23	58
Reduction	89%	79%	99%	86%	96%	70%	92%	70%	59%	70%	57%	61%
2" meter												
CCF	37	-	-	24	13	177	33	219	28	282	29	230
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	19	-	-	12	7	89	17	110	14	141	15	115
5-yr Avg	11	26	7	59	15	186	35	413	37	365	32	154
Reduction	67%	100%	100%	79%	58%	52%	53%	73%	62%	61%	54%	25%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
CCF	5	1	13	-	23	-	43	-	32	1	24	-
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	3	1	7	-	12	-	22	-	16	1	12	-
5/8" meter												
CCF	-	5	-	11	-	34	3	40	29	56	16	59
Customer	20	20	20	20	20	20	19	19	19	19	19	19
CCF/Customer	-	0	-	1	-	2	0	2	2	3	1	3
5-yr Avg	-	6	-	8	-	14	-	23	-	24	-	14
Reduction		96%		93%		88%		91%		88%		78%
Public Authority - Metered												
1" meter												
CCF		37		68		37		50		39		38
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	-	19	-	34	-	19	-	25	-	20	-	19
5-yr Avg	-	35	-	47	-	52	-	66	-	46	-	37
Reduction		47%		28%		64%		62%		58%		49%
2" meter												
CCF	218	243	83	363	541	2,224	782	3,337	711	2,761	966	1,323
Customer	6	6	6	6	6	6	6	6	6	6	6	6
CCF/Customer	36	41	14	61	90	371	130	556	119	460	161	221
5-yr Avg	34	52	21	134	100	436	249	527	256	491	138	267
Reduction	8%	23%	35%	55%	10%	15%	48%	5%	54%	6%	17%	18%
CCF Commercial												
1 1/2" meter												
CCF	92	146	75	126	81	352	120	722	91	610	245	280
Customer	7	7	7	7	7	7	7	7	7	7	7	7
CCF/Customer	13	21	11	18	12	50	17	103	13	87	35	40
5-yr Avg	40	48	24	53	30	117	50	206	45	171	33	123
Reduction	67%	56%	56%	66%	62%	57%	66%	50%	71%	49%	7%	67%
1" meter												
CCF	121	377	111	392	135	441	239	434	155	633	151	487
Customer	36	36	37	37	37	37	37	37	37	36	36	36
CCF/Customer	3	10	3	11	4	12	6	12	4	18	4	14
5-yr Avg	17	32	15	33	15	45	22	50	18	48	20	39
Reduction	80%	67%	80%	67%	76%	73%	71%	76%	77%	63%	79%	65%
2" meter												
CCF	452	1,093	492	1,076	575	2,474	647	2,554	681	2,497	681	2,730
Customer	22	22	22	22	22	22	22	22	22	22	22	22
CCF/Customer	21	50	22	49	26	112	29	116	31	114	31	124
5-yr Avg	39	60	33	67	55	143	68	212	68	199	65	140
Reduction	47%	17%	33%	27%	53%	21%	57%	45%	55%	43%	52%	11%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	1,936		1,539		484		726	7	657		582	-
Customer	3	3	3	3	3	4	4	4	5	6	5	4
CCF/Customer	645		513		161		182	2	131		116	
5-yr Avg	1,121		1,020		1,358		1,995		2,031		1,609	
Reduction	42%		50%		88%		91%		94%		93%	
3/4" meter												
CCF	6	36	6	36	4	34	4	33	8	32	3	35
Customer	7	7	7	7	7	7	7	7	7	7	7	7
CCF/Customer	1	5	1	5	1	5	1	5	1	5	0	5
5-yr Avg	9	10	6	9	8	15	12	19	13	18	11	13
Reduction	90%	47%	86%	41%	93%	67%	95%	75%	91%	74%	96%	62%
5/8" meter												
CCF	386	348	313	409	356	555	470	678	460	515	443	542
Customer	84	83	83	85	85	83	83	83	85	85	85	87
CCF/Customer	5	4	4	5	4	7	6	8	5	6	5	6
5-yr Avg	8	10	9	11	9	13	10	14	11	15	10	11
Reduction	41%	60%	58%	55%	54%	49%	46%	41%	51%	59%	47%	41%
Sprinkler 6" to 3"												
CCF					1,458		1,595		1,790		1,634	
Customer					1	1	1	1	1	1	1	1
CCF/Customer					1,458		1,595		1,790		1,634	
two 2" meters												
CCF	486		404		449		645		829		602	
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	486		404		449		645		829		602	
5-yr Avg	1,483		1,432		1,834		2,480		2,470		2,249	
Reduction	67%		72%		76%		74%		66%		73%	
CCF Industrial												
1" meter												
CCF	79		84		92		103		92		98	
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	79		84		92		103		92		98	
5-yr Avg	109		114		115		129		135	0	120	
Reduction	28%		26%		20%		20%		32%	100%	18%	
CCF Residential												
1" meter												
TIER 1	1,065	848	845	865	1,155	1,032	1,269	1,077	1,298	1,071	1,278	1,079
TIER 2	163	173	69	190	289	376	468	497	463	478	379	445
TIER 3	162	61	64	168	231	444	524	875	432	854	214	622
Customer	185	185	185	185	185	185	185	185	183	183	183	182
CCF/Customer	8	6	5	7	9	10	12	13	12	13	10	12
5-yr Avg	19	11	17	13	28	27	40	37	40	37	31	20
Reduction	61%	48%	68%	49%	68%	63%	70%	64%	70%	64%	67%	42%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
2" meter												
TIER 1		9		12		15		16		16		12
TIER 2								1		1		
TIER 3												
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	9		12		15		17		17		12	
3/4" meter												
TIER 1	1,879	1,586	1,753	1,627	2,081	2,072	2,514	2,114	2,508	2,094	2,446	2,025
TIER 2	203	102	161	112	341	473	551	786	485	758	419	592
TIER 3	91	22	80	132	131	253	263	891	198	721	108	446
Customer	403	403	402	402	402	402	402	402	405	406	405	406
CCF/Customer	5	4	5	5	6	7	8	9	8	9	7	8
5-yr Avg	13	9	11	10	17	19	23	28	23	27	19	15
Reduction	57%	55%	57%	52%	63%	64%	64%	66%	66%	67%	62%	50%
5/8" meter												
TIER 1	10,636	8,022	9,895	8,355	11,210	10,557	12,228	11,110	12,215	10,710	11,947	10,486
TIER 2	570	508	429	548	773	2,081	1,410	2,898	1,195	2,720	1,090	2,182
TIER 3	409	292	89	145	249	681	683	2,174	494	1,887	454	1,279
Customer	2,455	2,455	2,454	2,455	2,459	2,457	2,454	2,455	2,455	2,456	2,453	2,451
CCF/Customer	5	4	4	4	5	5	6	7	6	6	6	6
5-yr Avg	8	7	8	8	9	12	12	14	12	14	10	9
Reduction	44%	51%	44%	51%	47%	54%	53%	53%	53%	54%	45%	40%
Sprinkler 1" TO 3/4"												
TIER 1	56	41	77	45	80	43	90	23	89	46	77	27
TIER 2	9	12	10	10	9	24	13	12	9	20	(2)	12
TIER 3		1				13		17		38		22
Customer	10	10	10	10	10	10	11	11	12	12	13	13
CCF/Customer	7	5	9	6	9	8	9	5	8	9	6	5
Sprinkler 1" TO 5/8" x 3/4"												
TIER 1	14		8		12		17		17		29	
TIER 2											6	
TIER 3												
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	7		4		6		9		9		18	
OJAI												
Irrigation												
1 1/2" meter												
TIER 1	1				4	3						
TIER 2						8						
TIER 3						6						
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	1				2	#DIV/0!						

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
1" meter												
TIER 1	18		14			21	10					
TIER 2	16					30	6					
TIER 3	-											
Customer	6	6	6	6	6	6						
CCF/Customer	6		2			9	#DIV/0!					
5-yr Avg	49		26			31						
Reduction	89%		91%			73%						
2" meter												
TIER 1	5				6	5						
TIER 2	15				12	15						
TIER 3	3					6						
Customer	8	7	8	8	8	8						
CCF/Customer	3				2	3	#DIV/0!					
5-yr Avg	26	12	15	8	8	46	23					
Reduction	89%	100%	100%	71%	93%	#DIV/0!						
3/4" meter												
TIER 1	10				4	1	1					
TIER 2	7											
TIER 3												
Customer	3	3	3	2	2	2						
CCF/Customer	6				2	1	#DIV/0!					
5-yr Avg	12	0	6			7						
Reduction	53%	100%	100%			93%						
5/8" meter												
TIER 1	22		3			29	18					
TIER 2						31	16					
TIER 3												
Customer	11	11	11	12	12	12						
CCF/Customer	2		0			5	#DIV/0!					
5-yr Avg	4	2	8	24	3	8						
Reduction	44%	100%	97%	100%	100%	#DIV/0!						
Public Authority - Metered												
1 1/2" meter												
TIER 1	10	10	10	11	10	12						
TIER 2	20	18	13	21	20	32						
TIER 3	5			5	3	4						
Customer	2	2	2	2	2	2						
CCF/Customer	18	14	12	18	17	#DIV/0!						
5-yr Avg	13	26	14	18	21	26						
Reduction	-38%	46%	17%	2%	22%	#DIV/0!						

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
1" meter												
TIER 1	13	3	6	3	12	10						
TIER 2	11				30	15						
TIER 3					3	30						
Customer	3	3	3	3	3	3						
CCF/Customer	8	1	2	1	15	#DIV/0!						
5-yr Avg	35	2	18	3	37	3						
Reduction	77%	40%	89%	67%	60%	#DIV/0!						
2" meter												
TIER 1	40	40	39	45	40	49						
TIER 2	98	84	64	96	108	110						
TIER 3	439	362	293	421	515	978						
Customer	10	10	10	10	10	10						
CCF/Customer	58	49	40	56	66	#DIV/0!						
5-yr Avg	78	67	64	67	104	140						
Reduction	26%	28%	38%	16%	37%	#DIV/0!						
3" meter												
TIER 1	1	1	1	2	5	6						
TIER 2					15	18						
TIER 3					42	213						
Customer	1	1	1	1	1	1						
CCF/Customer	1	1	1	2	62	#DIV/0!						
3/4" meter												
TIER 1	3	3	2	3	3	6						
TIER 2												
TIER 3												
Customer	1	1	1	1	1	1						
CCF/Customer	3	3	2	3	3	#DIV/0!						
5-yr Avg	28	31	34	32	32	48						
Reduction	89%	90%	94%	91%	91%	#DIV/0!						
5/8" meter												
TIER 1	12	10	12	15	15	20						
TIER 2	15	15	15	17	15	42						
TIER 3	35	26	48	44	30	80						
Customer	5	5	5	5	5	5						
CCF/Customer	12	10	15	15	12	#DIV/0!						
5-yr Avg	0	1	0	4	1	0						
Reduction	-4033%	-827%	-3650%	-285%	-1400%	#DIV/0!						

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
6" meter												
TIER 1		5	5	5	6							
TIER 2		15	15	15	17							
TIER 3		21	65	14	30							
Customer		1	1	1	1							
CCF/Customer		41	85	34	52	#DIV/0!	#DIV/0!					
5-yr Avg		335	192	98	305	144	316					
Reduction		88%	56%	65%	83%	#DIV/0!	#DIV/0!					
Sprinkler 6" to 1 1/2"												
TIER 1						5	6					
TIER 2						15	18					
TIER 3						23	35					
Customer						1	1					
CCF/Customer	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		43	59					
CCF Commercial												
1 1/2" meter												
TIER 1		50	148	66	151	60	146					
TIER 2		124	379	133	392	175	415					
TIER 3		305	298	187	314	717	1,576					
Customer		22	22	22	22	22						
CCF/Customer		22	38	18	39	43	#DIV/0!					
5-yr Avg		67	46	51	48	59	60					
Reduction		67%	19%	66%	19%	27%	#DIV/0!					
1" meter												
TIER 1		417	277	339	274	421	406					
TIER 2		629	435	374	525	635	898					
TIER 3		232	132	51	217	283	1,220					
Customer		78	78	78	78	78						
CCF/Customer		16	11	10	13	17	#DIV/0!					
5-yr Avg		27	22	23	25	30	45					
Reduction		39%	50%	57%	47%	42%	#DIV/0!					
2" meter												
TIER 1		203	119	179	148	199	201					
TIER 2		554	330	496	383	574	567					
TIER 3		3,399	1,533	2,271	2,702	4,516	5,381					
Customer		40	40	39	39	39						
CCF/Customer		104	50	76	83	136	#DIV/0!					
5-yr Avg		90	88	88	96	110	162					
Reduction		-15%	44%	14%	14%	-23%	#DIV/0!					
3" meter												
TIER 1		20	30	20	32	20	31					
TIER 2		60	90	60	97	60	94					
TIER 3		1,095	1,026	926	1,877	1,237	2,411					
Customer		6	6	6	6	6						
CCF/Customer		196	191	168	334	220	#DIV/0!					

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
5-yr Avg	194	258	226	418	276	390						
Reduction		26%	26%	20%	21%	#DIV/0!						
3/4" meter												
TIER 1	79	117	69	122	76	134						
TIER 2	104	85	87	130	81	192						
TIER 3	72	46	35	12	55	39						
Customer	27	27	27	27	27							
CCF/Customer	9	9	7	10	8	#DIV/0!						
5-yr Avg	27	13	29	20	28	36						
Reduction	65%	30%	76%	51%	72%	#DIV/0!						
4" meter												
TIER 1	5	6	4	6	5	6						
TIER 2	15	17	12	17	15	18						
TIER 3	45	115	17	65	101	71						
Customer	1	1	1	1	1							
CCF/Customer	65	137	33	87	121	#DIV/0!						
5-yr Avg		3		3		3						
Reduction		-4467%		-2800%		#DIV/0!						
5/8" meter												
TIER 1	878	156	762	145	923	488						
TIER 2	859	149	704	137	1,096	666						
TIER 3	871	11	723	11	1,234	557						
Customer	162	161	161	162	163							
CCF/Customer	16	2	14	2	20	#DIV/0!						
5-yr Avg	19	4	17	4	26	5						
Reduction	13%	48%	19%	57%	23%	#DIV/0!						
CCF Industrial												
1" meter												
TIER 1	17		12		20	5						
TIER 2	30		8		31	8						
TIER 3	9				14	20						
Customer	2	2	2	2	2							
CCF/Customer					33	#DIV/0!						
5-yr Avg	37		48		49							
Reduction	100%		100%		33%							
5/8" meter												
TIER 1	3		2		2	2						
Customer	2	2	2	2	2							
CCF/Customer												
5-yr Avg	5		6		5	0						
Reduction	100%		100%		100%	100%						

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
CCF Residential												
1 1/2" meter												
TIER 1												
TIER 2	486	223	333	267	463	432						
TIER 3	298	128	142	201	338	352						
Customer	622	126	173	193	605	1,054						
CCF/Customer	32	32	32	32	32							
5-yr Avg	44	15	20	21	44	#DIV/0!						
Reduction	55	32	34	31	57	55						
	19%	53%	41%	34%	23%	#DIV/0!						
1" meter												
TIER 1	4,279	2,575	2,623	3,180	4,479	5,551						
TIER 2	1,627	446	377	1,032	1,849	3,018						
TIER 3	2,192	462	539	771	1,827	5,412						
Customer	408	407	408	407	407							
CCF/Customer	20	9	9	12	20	#DIV/0!						
5-yr Avg	31	20	20	22	28	40						
Reduction	36%	57%	57%	43%	30%	#DIV/0!						
2" meter												
TIER 1	509	60	403	78	557	335						
TIER 2	328	11	226	45	407	275						
TIER 3	1,208	-	353	134	2,146	1,704						
Customer	25	25	25	25	25							
CCF/Customer	82	3	39	10	124	#DIV/0!						
5-yr Avg	103	24	70	27	98	60						
Reduction	21%	88%	44%	61%	-26%	#DIV/0!						
3/4" meter												
TIER 1	1,519	1,890	933	2,468	1,648	3,596						
TIER 2	322	161	44	541	482	1,491						
TIER 3	166	(50)	1	358	310	1,423						
Customer	261	261	261	262	262							
CCF/Customer	8	8	4	13	9	#DIV/0!						
5-yr Avg	15	20	10	21	14	38						
Reduction	49%	61%	62%	39%	35%	#DIV/0!						
5/8" meter												
TIER 1	7,323	11,275	5,858	12,113	8,324	18,737						
TIER 2	826	412	314	474	916	2,709						
TIER 3	625	356	323	409	500	1,264						
Customer	1,734	1,728	1,732	1,735	1,734							
CCF/Customer	5	7	4	7	6	#DIV/0!						
5-yr Avg	8	12	7	12	10	19						
Reduction	37%	43%	48%	39%	42%	#DIV/0!						

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	7		9			8	3					
TIER 2												
TIER 3												
Customer	1	1	1	1	1	1	1					
CCF/Customer	7		9			8	3					
SANTA MARIA												
Irrigation												
1 1/2" meter												
CCF	50	73	67	286	581	747	917	890	1,001	616	463	718
Customer	9	9	9	9	9	9	9	9	9	9	9	9
CCF/Customer	6	8	7	32	65	83	102	99	111	68	51	80
5-yr Avg	147	109	121	142	174	298	281	285	316	208	191	220
Reduction	96%	93%	94%	78%	63%	72%	64%	65%	65%	67%	73%	64%
1" meter												
CCF	762	379	338	922	773	967	913	883	1,053	1,042	1,139	994
Customer	15	15	15	15	16	16	16	16	18	18	18	18
CCF/Customer	51	25	23	61	48	60	57	55	59	58	63	55
5-yr Avg	36	35	24	55	58	80	93	75	97	80	69	75
Reduction	-42%	28%	4%	-12%	17%	24%	39%	27%	40%	28%	9%	27%
2" meter												
CCF	294	64	417	1,364	3,950	5,682	5,669	4,668	4,692	4,550	5,020	3,326
Customer	22	22	22	22	25	25	24	24	24	24	24	24
CCF/Customer	13	3	19	62	158	227	236	195	196	190	209	139
5-yr Avg	54	74	58	128	175	252	321	324	334	249	176	146
Reduction	75%	96%	68%	51%	10%	10%	26%	40%	41%	24%	-19%	5%
3" meter												
CCF	402	(322)	1,051	1,300	2,241	3,294	3,437	2,700	2,440	2,179	1,519	2,241
Customer	5	5	5	5	5	5	6	6	6	6	6	6
CCF/Customer	80	(64)	210	260	448	659	573	450	407	363	253	374
5-yr Avg	70	125	79	142	173	233	665	686	672	484	328	257
Reduction	-15%	151%	-165%	-84%	-160%	-183%	14%	34%	39%	25%	23%	-45%
3/4" meter												
CCF	69	71	71	98	131	130	192	113	115	46	62	48
Customer	5	5	5	5	13	13	13	13	13	13	13	13
CCF/Customer	14	14	14	20	10	10	15	9	9	4	5	4
5-yr Avg	11	10	12	9	7	7	7	10	8	8	11	13
Reduction	-21%	-48%	-17%	-110%	-38%	-48%	-101%	13%	-15%	56%	57%	72%
4" meter												
CCF	38	6	36	337	660	1,005	1,221	1,006	1,119	1,203	1,132	784
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	38	6	36	337	660	1,005	1,221	1,006	1,119	1,203	1,132	784
5-yr Avg	351	627	397	708	863	583	1,662	1,716	1,680	1,211	820	642
Reduction	89%	99%	91%	52%	24%	-72%	27%	41%	33%	1%	-38%	-22%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
CCF	7	8	10	25	225	268	283	312	293	225	299	287
Customer	5	5	5	5	7	7	7	7	7	7	7	7
CCF/Customer	1	2	2	5	32	38	40	45	42	32	43	41
5-yr Avg	9	7	8	15	17	23	25	24	22	17	17	19
Reduction	85%	79%	74%	66%	-90%	-69%	-64%	-89%	-88%	-86%	-149%	-118%
Other Sales and Services												
3" meter												
CCF	118	23	28	15	16	31	14	13	-	-	-	-
Customer	2	2	2	2	2	2	2	2				
CCF/Customer	59	12	14	8	8	16	7	7	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
5-yr Avg	75	141	96	312	318	380	386	568	378	100	60	628
Reduction	22%	92%	85%	98%	97%	96%	98%	99%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Public Authority - Metered												
1" meter												
CCF	9	11	9	16	34	47	64	48	48	41	40	41
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	9	11	9	16	34	47	64	48	48	41	40	41
5-yr Avg	23	10	17	20	29	46	62	59	65	49	36	47
Reduction	60%	-8%	46%	22%	-19%	-2%	-4%	18%	26%	17%	-10%	12%
2" meter												
CCF	311	326	489	1,825	3,933	4,412	4,463	3,885	5,070	3,606	3,374	2,631
Customer	9	9	9	9	9	9	9	9	9	9	9	9
CCF/Customer	35	36	54	203	437	490	496	432	563	401	375	292
5-yr Avg	280	252	278	346	501	662	648	694	803	681	567	485
Reduction	88%	86%	80%	41%	13%	26%	23%	38%	30%	41%	34%	40%
3" meter												
CCF	17	123	12	301	607	794	645	579	785	707	846	444
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	17	123	12	301	607	794	645	579	785	707	846	444
5-yr Avg	463	336	431	283	597	776	971	974	980	753	689	501
Reduction	96%	63%	97%	-6%	-2%	-2%	34%	41%	20%	6%	-23%	11%
5/8" meter												
CCF	13	13	14	17	17	6	45	20	21	20	20	15
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	13	13	14	17	17	6	45	20	21	20	20	15
5-yr Avg	17	16	18	25	25	36	40	34	37	24	26	20
Reduction	23%	21%	24%	32%	32%	83%	-13%	42%	43%	16%	23%	25%
6" meter												
CCF	840	855	1,175	1,251	1,026	1,030	957	1,008	-	8,497	2,645	2,387
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	840	855	1,175	1,251	1,026	1,030	957	1,008	-	8,497	2,645	2,387
5-yr Avg	1,255	1,677	1,540	2,467	3,917	4,309	4,464	3,967	4,088	3,304	2,221	2,678
Reduction		49%	24%	49%	74%		79%	75%	100%	-157%	-19%	11%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
CCF Commercial												
1 1/2" meter												
CCF	1,671	1,126	853	1,783	2,503	3,253	3,569	3,228	3,761	2,949	2,858	2,699
Customer	41	41	41	41	45	45	44	44	44	44	44	44
CCF/Customer	41	27	21	43	56	72	81	73	85	67	65	61
5-yr Avg	40	36	32	48	60	84	96	98	104	88	76	63
Reduction	-2%	23%	36%	9%	8%	14%	16%	25%	18%	23%	14%	2%
1" meter												
CCF	2,132	1,837	1,542	2,707	3,264	4,274	5,098	4,620	4,708	4,423	4,195	3,944
Customer	146	146	147	147	149	149	148	148	148	148	148	149
CCF/Customer	15	13	10	18	22	29	34	31	32	30	28	26
5-yr Avg	25	27	24	32	39	53	61	59	63	51	42	41
Reduction	42%	53%	56%	42%	44%	46%	44%	47%	50%	41%	32%	36%
2" meter												
CCF	6,512	4,436	5,857	13,367	19,369	22,680	25,483	22,650	24,600	23,421	22,941	17,691
Customer	125	125	125	125	135	135	135	135	135	135	135	135
CCF/Customer	52	35	47	107	143	168	189	168	182	173	170	131
5-yr Avg	102	110	92	153	198	260	290	291	309	250	198	182
Reduction	49%	68%	49%	30%	28%	35%	35%	42%	41%	31%	14%	28%
3" meter												
CCF	1,620	828	960	1,571	2,626	3,083	2,914	3,671	4,244	3,262	2,729	4,483
Customer	5	6	6	5	6	6	9	8	10	10	14	13
CCF/Customer	324	138	160	314	438	514	324	459	424	326	195	345
5-yr Avg	305	270	243	373	494	605	624	627	713	593	438	464
Reduction	-6%	49%	34%	16%	11%	15%	48%	27%	40%	45%	56%	26%
3/4" meter												
CCF	400	179	199	256	376	497	544	440	530	550	568	448
Customer	33	33	33	33	44	44	44	44	44	44	44	44
CCF/Customer	12	5	6	8	9	11	12	10	12	13	13	10
5-yr Avg	11	12	10	16	17	22	28	25	26	21	18	18
Reduction	-7%	56%	40%	50%	51%	49%	56%	60%	53%	40%	27%	44%
4" meter												
CCF	1,053	83	619	621	33	48	8	9	39	49	53	35
Customer	2	2	2	2	1	1	1	1	1	1	1	1
CCF/Customer	527	42	310	311	33	48	8	9	39	49	53	35
5-yr Avg	77	53	58	12	43	491	6	2	129	296	181	167
Reduction	-588%	21%	-434%	-2488%	23%	90%	-26%	-286%	70%	83%	71%	79%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
CCF	1,559	1,252	1,324	2,077	2,109	3,185	3,209	2,638	3,198	2,587	2,785	2,314
Customer	192	196	196	198	201	201	201	202	203	203	203	202
CCF/Customer	8	6	7	10	10	16	16	13	16	13	14	11
5-yr Avg	14	14	13	16	19	23	27	25	27	22	19	20
Reduction	43%	55%	49%	34%	44%	32%	41%	49%	42%	43%	30%	43%
6" meter												
CCF	131	398	107	897								
Customer	2	2	2	2								
CCF/Customer	66	199	54	449								
8" meter												
CCF	1,089	852	657	1,442								
Customer	3	3	3	3								
CCF/Customer	363	284	219	481								
5-yr Avg	487	482	322	499	638	807	952	918	994	825	559	620
Reduction	25%	41%	32%	4%	100%	100%	100%	100%	100%	100%	100%	100%
Sprinkler 4" to 3"												
CCF					563	705	750	645	857	606	708	860
Customer					1	1	1	1	1	1	1	1
CCF/Customer					563	705	750	645	857	606	708	860
Sprinkler 6" to 2"												
CCF					497	746	970	751	905	777	605	313
Customer					1	1	1	1	1	1	1	1
CCF/Customer					497	746	970	751	905	777	605	313
Sprinkler 6" to 3"												
CCF					1,562	2,046	2,005	1,790	1,668	1,390	1,473	976
Customer					1	1	1	1	1	1	1	1
CCF/Customer					1,562	2,046	2,005	1,790	1,668	1,390	1,473	976
Sprinkler 8" to 2"												
CCF					1,601	2,251	2,236	2,074	2,053	1,425	1,923	1,579
Customer					1	1	1	1	1	1	1	1
CCF/Customer					1,601	2,251	2,236	2,074	2,053	1,425	1,923	1,579
two 2" meters												
CCF					56	96	83	84	86	78	89	91
Customer					1	1	1	1	1	1	1	1
CCF/Customer					56	96	83	84	86	78	89	91

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
CCF Industrial												
1" meter												
CCF	6	9	14	25	36	34	40	49	54	36	33	25
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	6	9	14	25	36	34	40	49	54	36	33	25
5-yr Avg	8	9	10	11	10	11	8	7	10	8	8	9
Reduction	29%	0%	-37%	-119%	-253%	-215%	-388%	-562%	-440%	-374%	-302%	-178%
5/8" meter												
CCF	5	4	6	16	15	18	19	14	16	14	12	8
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	1	1	2	4	4	5	5	4	4	4	3	2
5-yr Avg	1	1	1	2	1	1	1	1	2	1	1	1
Reduction	-40%	30%	-68%	-145%	-224%	-256%	-112%	-192%	100%	-192%	-200%	-78%
CCF Residential												
1 1/2" meter												
TIER 1	56	54	56	84	69	77	81	69	90	75	92	84
TIER 2	13	12	15	36	31	37	43	36	40	47	62	56
TIER 3	16	8	11	70	100	226	331	204	244	210	310	167
Customer	7	7	7	7	7	7	7	7	7	7	8	8
CCF/Customer	12	11	12	27	29	49	65	44	53	47	58	38
5-yr Avg	15	29	28	37	43	56	63	62	74	59	46	33
Reduction	17%	63%	58%	27%	34%	13%	-4%	29%	28%	20%	-26%	-17%
1" meter												
TIER 1	7,586	6,576	6,915	10,514	12,053	13,409	13,815	13,404	13,602	13,293	13,311	12,157
TIER 2	1,099	732	813	2,966	4,375	6,253	6,933	6,258	6,547	5,966	6,040	4,667
TIER 3	1,112	518	858	2,935	5,804	11,685	13,946	10,865	11,877	9,153	9,004	5,197
Customer	1,009	1,007	1,009	1,008	1,058	1,059	1,065	1,070	1,068	1,071	1,072	1,091
CCF/Customer	9.71	8	9	16	21	30	33	29	30	27	26	20
5-yr Avg	23	24	20	31	41	59	69	63	67	53	42	32
Reduction	58%	68%	58%	48%	49%	50%	53%	55%	55%	50%	37%	38%
2" meter												
TIER 1	101	91	87	116	113	115	111	84	102	102	86	86
TIER 2	53	37	37	64	70	85	83	60	72	69	59	43
TIER 3	136	128	48	330	591	967	1,008	857	1,053	794	740	544
Customer	9	9	9	8	9	10	9	8	8	8	7	7
CCF/Customer	32	28	19	64	86	117	134	125	153	121	126	96
5-yr Avg	61	53	48	68	65	85	101	91	101	95	87	76
Reduction	47%	46%	61%	7%	-33%	-37%	-32%	-37%	-52%	-27%	-45%	-26%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
TIER 1	4,036	3,541	3,470	5,263	14,886	16,371	16,586	16,141	16,485	15,730	16,867	13,083
TIER 2	357	211	158	752	4,658	6,643	7,105	5,878	6,587	5,369	5,447	3,717
TIER 3	126	43	111	356	4,743	7,506	8,203	6,365	6,569	4,267	4,061	2,861
Customer	599	600	602	600	1344	1344	1342	1343	1342	1345	1344	1341
CCF/Customer	8	6	6	11	18	23	24	21	22	19	20	15
5-yr Avg	15	14	13	18	23	32	37	36	37	31	24	19
Reduction	49%	56%	52%	39%	20%	29%	36%	42%	41%	38%	20%	23%
5/8" meter												
TIER 1	83,769	71,822	72,962	102,241	109,998	129,689	133,381	125,747	130,026	121,757	123,448	113,456
TIER 2	6,646	4,037	3,792	13,741	19,464	37,311	43,516	33,926	38,689	29,494	30,757	21,094
TIER 3	2,431	2,243	1,412	4,811	7,239	20,561	26,760	17,358	20,770	13,340	13,538	8,334
Customer	11,348	11,345	11,354	11,361	11,483	11,475	11,476	11,473	11,475	11,471	11,469	11,466
CCF/Customer	8	7	7	11	12	16	18	15	17	14	15	12
5-yr Avg	14	14	13	17	21	27	31	29	30	24	21	17
Reduction	41%	52%	46%	39%	43%	40%	42%	47%	46%	41%	30%	26%
Sprinkler 1" TO 3/4"												
TIER 1	190	211	200	271	287	334	387	419	447	367	325	303
TIER 2	6	1	3	14	16	30	47	73	106	45	26	20
TIER 3	-	-	-	-	-	12	1	12	57	12	1	-
Customer	35	35	35	36	36	42	42	42	42	42	42	37
CCF/Customer	6	6	6	8	8	9	10	12	15	10	8	9
SIMI VALLEY												
Irrigation												
1 1/2" meter												
CCF	274	1,608	210	3,817	765	9,675	1,246	11,263	1,132	10,466	912	9,631
Customer	28	28	28	28	28	28	28	28	29	29	29	29
CCF/Customer	10	57	8	136	27	346	45	402	39	361	31	332
5-yr Avg	92	93	60	77	107	126	144	157	194	144	126	106
Reduction	89%	39%	87%	-78%	75%	-173%	69%	-156%	80%	-151%	75%	-213%
1" meter												
CCF	29	19	11	103	230	311	319	332	381	401	258	335
Customer	8	8	8	8	8	8	8	8	8	8	8	8
CCF/Customer	4	2	1	13	29	39	40	42	48	50	32	42
5-yr Avg	21	27	21	29	27	37	42	41	46	36	31	27
Reduction	82%	91%	94%	56%	-8%	-5%	5%	-2%	-4%	-41%	-4%	-56%
2" meter												
CCF	1,512	675	1,152	3,932	4,127	6,212	5,644	6,415	5,508	6,675	5,101	5,153
Customer	41	41	41	41	41	41	41	41	41	41	41	41
CCF/Customer	37	16	28	96	101	152	138	156	134	163	124	135
5-yr Avg	107	107	74	114	142	178	206	224	252	195	167	135
Reduction	65%	85%	62%	16%	29%	15%	33%	30%	47%	17%	25%	0%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	235	50	58	337	443	763	1,108	955	990	693	647	234
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	235	50	58	337	443	763	1,108	955	990	693	647	234
5/8" meter												
CCF		8		77		110		114		124		121
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer		4		39		55		57		62		61
5-yr Avg		19		30		44		43		35		43
Reduction		79%		-29%		-26%		-32%		-79%		-42%
Public Authority - Metered												
1 1/2" meter												
CCF	141	7	6	552	983	1,196	1,597	1,093	1,359	1,100	1,290	801
Customer	15	15	15	15	15	15	15	15	15	15	15	15
CCF/Customer	9	0	0	37	66	80	106	73	91	73	86	53
5-yr Avg	35	34	26	36	54	83	99	116	118	93	64	54
Reduction	73%	99%	98%	-4%	-21%	4%	-8%	37%	23%	21%	-34%	1%
1" meter												
CCF	66	21	19	268	383	458	571	444	503	418	408	329
Customer	17	17	17	17	17	17	17	17	17	17	17	16
CCF/Customer	4	1	1	16	23	27	34	26	30	25	24	21
5-yr Avg	14	16	8	15	23	31	37	38	44	35	26	21
Reduction	73%	92%	86%	-3%	1%	14%	8%	31%	33%	29%	8%	4%
2" meter												
CCF	1,320	382	486	4,061	6,772	8,595	9,351	8,414	11,206	8,518	8,433	7,244
Customer	46	46	46	46	46	46	46	46	46	46	46	46
CCF/Customer	29	8	11	88	147	187	203	183	244	185	183	157
5-yr Avg	96	103	67	120	159	236	268	266	314	236	176	146
Reduction	70%	92%	84%	27%	7%	21%	24%	31%	22%	22%	-4%	-8%
3" meter												
CCF	1,932	1,078	939	3,828	4,932	6,323	6,718	7,127	7,287	6,568	6,635	6,348
Customer	7	7	7	7	7	7	7	7	7	7	7	7
CCF/Customer	276	154	134	547	705	903	960	1,018	1,041	938	948	907
4" meter												
CCF	3,765	(830)	1,022	3,063	2,015	2,853	4,013	3,293	3,762	2,201	2,881	1,798
Customer	4	4	4	4	2	2	2	2	2	2	2	2
CCF/Customer	941	(208)	256	766	1,008	1,427	2,007	1,647	1,881	1,101	1,441	899
5-yr Avg	1,036	999	691	1,024	1,401	1,903	2,145	1,983	2,464	1,752	1,565	1,201
Reduction	9%	121%	63%	25%	28%	25%	6%	17%	24%	37%	8%	25%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
CCF	28	30	14	93	115	139	172	147	161	143	145	136
Customer	20	20	20	20	20	20	20	20	20	20	20	20
CCF/Customer	1	2	1	5	6	7	9	7	8	7	1	1
5-yr Avg	5	7	6	6	9	11	16	14	17	13	8	9
Reduction	72%	78%	88%	24%	36%	35%	45%	49%	53%	43%	88%	88%
Sprinkler 4" to 3"												
CCF					3,124	3,015	4,649	3,684	4,599	4,254	3,272	2,230
Customer					2	2	2	2	2	2	2	2
CCF/Customer					1,562	1,508	2,325	1,842	2,300	2,127	1,636	1,115
CCF Commercial												
1 1/2" meter												
CCF	5,262	1,299	4,417	1,967	5,229	2,599	6,938	2,714	6,623	2,723	6,204	4,236
Customer	89	89	89	89	89	89	89	89	89	89	89	89
CCF/Customer	59	15	50	22	59	29	78	30	74	31	70	48
5-yr Avg	73	29	64	29	75	40	92	43	102	41	81	35
Reduction	19%	49%	22%	23%	22%	27%	16%	29%	27%	25%	13%	-38%
1" meter												
CCF	2,080	2,501	1,926	3,799	2,296	3,582	2,654	3,801	3,153	4,005	2,492	3,758
Customer	139	140	140	119	132	120	120	119	122	122	122	121
CCF/Customer	15	18	14	32	17	30	22	32	26	33	20	31
5-yr Avg	23	31	20	33	23	40	28	45	32	41	26	36
Reduction	35%	43%	29%	3%	26%	26%	22%	29%	19%	20%	22%	14%
2" meter												
CCF	11,202	12,940	9,855	22,581	18,405	28,956	26,303	31,831	25,019	33,476	21,481	27,935
Customer	281	281	281	281	282	281	281	281	281	281	281	280
CCF/Customer	40	46	35	80	65	103	94	113	89	119	76	100
5-yr Avg	79	101	60	105	96	146	133	165	154	153	107	119
Reduction	50%	54%	42%	23%	32%	30%	30%	32%	42%	22%	28%	16%
3" meter												
CCF	2,571	2,120	2,356	3,757	748	1,245	1,318	889	1,226	1,151	1,144	982
Customer	13	13	13	14	9	10	10	10	12	12	12	11
CCF/Customer	198	163	181	268	83	125	132	89	102	96	95	89
5-yr Avg	169	163	144	166	146	175	198	195	206	155	156	149
Reduction	-17%	0%	-25%	-62%	43%	29%	33%	55%	51%	38%	39%	40%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
CCF	209		144		207		250		238		239	
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	52	36	36	36	52	52	63	63	60	60	60	60
5-yr Avg	58	60	60	60	59	59	71	71	77	77	70	70
Reduction	11%		40%		13%		12%		23%		15%	
4" meter												
CCF	148	57	165	269	271	339	366	231	203			731
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	148	57	165	269	271	339	366	231	203			731
5/8" meter												
CCF	1,026	794	814	919	1,107	1,022	1,368	1,215	1,406	1,592	1,333	1,218
Customer	101	101	101	101	100	101	100	100	130	130	130	129
CCF/Customer	10	8	8	9	11	10	14	12	11	12	10	9
5-yr Avg	11	12	10	13	14	15	18	17	19	16	15	13
Reduction	10%	32%	20%	28%	20%	34%	22%	29%	44%	25%	30%	29%
6" meter												
CCF	1,919	1,542	1,558	2,598								
Customer	3	3	3	3								
CCF/Customer	640	514	519	866								
5-yr Avg	863	895	791	939	1,046	1,315	1,457	1,434	1,488	1,236	1,033	959
Reduction	26%	43%	34%	8%	100%	100%	100%	100%	100%	100%	100%	100%
8" meter												
CCF	127	126	136	208	168	192	225	243	303	325	349	207
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	127	126	136	208	168	192	225	243	303	325	349	207
5-yr Avg	1,153	1,091	922	1,131	1,144	1,343	1,542	1,503	1,663	1,239	1,257	1,093
Reduction	89%	88%	85%	82%	85%	86%	85%	84%	82%	74%	72%	81%
Sprinkler 6" to 1 1/2"												
CCF					352	377	457	401	372	333	383	350
Customer					1	1	1	1	1	1	1	1
CCF/Customer					352	377	457	401	372	333	383	350
Sprinkler 6" to 2"												
CCF					776	777	831	696	772	758	435	368
Customer					1	1	1	1	1	1	1	1
CCF/Customer					776	777	831	696	772	758	435	368
Sprinkler 6" to 3"												
CCF					2,757	3,158	3,896	3,080	3,425	3,195	3,000	2,952
Customer					2	2	2	2	2	2	2	2
CCF/Customer					1,379	1,579	1,948	1,540	1,713	1,598	1,500	1,476
Sprinkler 8" to 2"												
CCF					34	39	54	60	116	110	85	34
Customer					1	1	1	1	1	1	1	1
CCF/Customer					34	39	54	60	116	110	85	34

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Sprinkler 8" to 3"												
CCF					1,650	1,851	1,965	1,640	1,928	1,896	1,640	1,416
Customer					1	1	1	1	1	1	1	1
CCF/Customer					1,650	1,851	1,965	1,640	1,928	1,896	1,640	1,416
three 2" meters												
CCF	39	26	36	47	52	57	58	46	49	53	45	38
Customer	3	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	39	26	36	47	52	57	58	46	49	53	45	38
5-yr Avg	324	272	258	341	329	355	378	386	512	377	409	302
Reduction	88%	90%	86%	86%	84%	84%	85%	88%	90%	86%	89%	87%
CCF Industrial												
1 1/2" meter												
CCF	65	53	39	59	57	53	70	42	81	112	91	97
Customer	9	9	9	9	9	9	9	9	9	9	9	9
CCF/Customer	7	6	4	7	6	6	8	5	9	12	10	11
5-yr Avg	10	10	9	7	8	15	9	9	12	11	12	8
Reduction	29%	44%	51%	0%	24%	60%	16%	50%	27%	-11%	15%	-35%
1" meter												
CCF	27	25	25	117	49	78	61	99	91	136	82	105
Customer	6	6	6	6	6	6	6	6	6	6	6	6
CCF/Customer	5	4	4	20	8	13	10	17	15	23	14	18
5-yr Avg	1	86	1	107	1	150	3	172	2	121	4	70
Reduction	-414%	95%	-233%	82%	-807%	91%	-307%	90%	-618%	81%	-284%	75%
2" meter												
CCF	576	378	407	655	601	580	693	668	756	978	904	812
Customer	13	13	13	13	13	13	13	13	13	13	13	13
CCF/Customer	44	29	31	50	46	45	53	51	58	75	70	62
5-yr Avg	50	53	44	50	53	64	71	71	84	61	60	48
Reduction	11%	45%	29%	-1%	13%	30%	25%	28%	31%	-23%	-15%	-30%
CCF Residential												
1 1/2" meter												
TIER 1	55	29	52	29	52	30	52	22	52	23	52	30
TIER 2	29	2	28	1	28	1	17	-	28	-	28	14
TIER 3	132	-	76	-	52	-	56	-	152	-	198	4
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	54	8	39	8	33	8	31	6	58	6	70	12
5-yr Avg	48	11	36	10	45	15	61	11	64	26	55	9
Reduction	-13%	27%	-8%	23%	26%	49%	49%	49%	9%	78%	-27%	-39%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
1" meter												
TIER 1	289	1,069	226	1,328	338	1,961	352	2,243	222	2,543	393	2,670
TIER 2	55	69	7	189	36	392	68	504	(16)	545	67	467
TIER 3	18	101	-	111	17	454	81	628	(52)	504	43	276
Customer	93	93	102	129	132	145	153	151	158	158	166	170
CCF/Customer	4	13	2	13	3	19	3	22	1	23	3	20
S-yr Avg	13	21	12	20	14	28	19	34	20	32	16	25
Reduction	70%	35%	80%	37%	79%	30%	83%	35%	95%	30%	81%	20%
2" meter												
TIER 1	26	26	26	26	26	26	26	26	26	26	26	26
TIER 2	2	14	-	14	-	14	3	14	9	14	14	14
TIER 3	-	28	-	17	-	19	-	5	-	49	2	34
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	14	34	13	29	13	30	15	23	18	45	21	37
S-yr Avg	72	71	47	79	87	108	113	132	128	125	89	86
Reduction	81%	52%	72%	64%	85%	73%	87%	83%	86%	64%	76%	57%
3/4" meter												
TIER 1	26	44	26	43	26	54	26	55	26	44	26	66
TIER 2	5	2	2	1	7	10	8	12	14	12	14	14
TIER 3	-	-	-	-	-	-	-	-	9	-	17	12
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	8	12	7	11	8	16	9	17	12	14	14	23
S-yr Avg	-	31	-	38	-	67	-	89	-	65	-	45
Reduction	-	63%	0%	71%	0%	76%	0%	81%	0%	79%	0%	49%
5/8" meter												
TIER 1	108,810	78,484	88,833	90,017	124,411	109,767	138,355	114,754	136,203	113,024	131,227	106,291
TIER 2	9,349	3,971	3,803	6,312	18,609	19,198	34,111	25,001	31,750	23,186	25,328	16,656
TIER 3	3,097	1,254	860	1,457	7,255	8,821	20,787	14,042	19,481	12,242	12,331	7,389
Customer	12,291	12,288	12,288	12,286	12,281	12,285	12,288	12,290	12,258	12,254	12,254	12,253
CCF/Customer	10	7	8	8	12	11	16	13	15	12	14	11
S-yr Avg	15	12	13	12	17	17	23	20	25	19	19	14
Reduction	35%	42%	43%	31%	29%	32%	33%	38%	38%	35%	26%	26%
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	350	546	313	593	355	630	334	640	331	645	297	617
TIER 2	4	20	1	37	15	65	22	46	21	56	15	47
TIER 3	-	-	-	6	32	15	39	26	35	30	21	11
Customer	73	73	73	73	72	73	73	73	73	73	73	73
CCF/Customer	5	8	4	9	6	10	5	10	5	10	5	9

CONSERVATION USAGE DATA
2017

REGION 2 Government Agencies	January	February	March	April	May	June	July	August	September	October	November	December
2" meter												
CCF	14	20	19	18	15	22	24	18	20	22	19	16
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	5	7	6	6	5	7	8	6	7	7	6	5
5-yr Avg	55	76	51	62	78	82	76	74	110	99	92	89
Reduction	91%	91%	88%	90%	94%	91%	89%	92%	94%	93%	93%	94%
6" meter												
CCF	10	27	30	38	29	361	1,142	688	503	437	766	541
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	10	27	30	38	29	361	1,142	688	503	437	766	541
Irrigation												
1 1/2" meter												
CCF	1603	940	1,077	2,698	3,337	4,372	4,749	4,565	5,798	4,872	5,256	4,083
Customer	78	78	55	55	55	79	78	78	78	78	78	78
CCF/Customer	21	12	20	49	61	55	61	59	74	62	67	52
5-yr Avg	46	16	40	11	49	20	81	25	102	28	91	18
Reduction	55%	25%	51%	-337%	-23%	-182%	25%	-135%	27%	-127%	26%	-195%
1" meter												
CCF	1,881	1,214	1,503	2,398	2,594	2,890	3,153	3,079	3,815	3,494	4,514	1,917
Customer	108	110	110	108	107	106	107	109	111	111	111	111
CCF/Customer	17	11	14	22	24	27	29	28	34	31	41	17
5-yr Avg	17	27	15	25	18	37	28	45	28	46	25	36
Reduction	-4%	60%	12%	11%	-38%	26%	-4%	37%	-22%	32%	-63%	52%
2" meter												
CCF	5,510	3,463	7,077	15,473	18,796	19,654	23,462	22,192	27,315	21,829	21,250	17,068
Customer	174	175	176	178	179	179	180	179	179	179	179	179
CCF/Customer	32	20	40	87	105	110	130	124	153	122	119	95
5-yr Avg	95	75	68	71	106	117	154	141	183	149	122	99
Reduction	67%	74%	41%	-23%	1%	6%	16%	12%	17%	18%	3%	4%
3" meter												
CCF	105	82	108	147	337	436	754	511	3,470	1,688	1,804	215
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	53	41	54	74	169	218	377	256	1,735	844	902	108
5-yr Avg	204	212	108	224	339	621	669	624	730	628	346	188

CONSERVATION USAGE DATA
2017

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
CCF	29	-	-	28	28	88	75	72	78	76	84	70
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	10	-	-	9	9	29	25	24	26	25	28	23
5-yr Avg	6	38	5	40	8	31	10	33	12	58	10	59
Reduction	-56%	100%	100%	76%	-23%	4%	-157%	27%	-112%	56%	-193%	61%
	74%	81%	50%	67%	50%	65%	44%	59%	-138%	-34%	-161%	43%
4" meter												
CCF	269	202	235	273	308	374	453	214	344	299	659	408
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	269	202	235	273	308	374	453	214	344	299	659	408
5/8" meter												
CCF	1,019	517	509	883	1,082	1,203	1,286	1,361	1,534	1,322	1,302	1,140
Customer	65	65	68	68	68	67	66	66	67	67	67	68
CCF/Customer	16	8	7	13	16	18	19	21	23	20	19	17
5-yr Avg	12	11	10	13	12	14	20	17	21	21	16	17
Reduction	-32%	29%	25%	-2%	-32%	-33%	0%	-24%	-12%	5%	-18%	1%
two 2" meters												
CCF	10	-	13	25	33	42	44	39	45	43	54	44
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	10	-	13	25	33	42	44	39	45	43	54	44
5-yr Avg	95	109	75	117	159	166	185	152	182	165	148	130
Reduction	89%	100%	83%	79%	79%	75%	76%	74%	75%	74%	64%	66%
Other Sales and Services												
5/8" meter												
CCF	4	5	4	4	4	4	4	4	4	4	0	17.4
Customer	1	1	1	1	1	1	1	1	1	1	0	100%
CCF/Customer	4	5	4	4	4	4	4	4	#DIV/0!	4	26.8	66%
5-yr Avg	0	10.2	0	0	0	22.4	0	26	37	26.8	0	17.4
Reduction		51%	71%			82%		85%	#DIV/0!	100%		100%

CONSERVATION USAGE DATA
2017

REGION 2 Public Authority - Metered	January	February	March	April	May	June	July	August	September	October	November	December
1 1/2" meter												
CCF	1,280	931	1,037	1,869	2,096	2,020	2,123	1,942	2,311	2,231	1,999	1,301
Customer	70	70	70	69	69	69	69	69	68	68	69	69
CCF/Customer	18	13	15	27	30	29	31	28	34	33	29	19
5-yr Avg	18	24	15	28	27	42	37	49	44	43	26	33
Reduction	-2%	45%	3%	3%	-11%	30%	18%	42%	23%	25%	-13%	43%
1" meter												
CCF	447	222	214	523	714	754	1,061	987	917	910	1,057	858
Customer	78	78	78	78	78	78	78	78	78	78	78	78
CCF/Customer	6	3	3	7	9	10	14	13	12	12	14	11
5-yr Avg	10	7	8	9	13	13	14	13	16	13	14	9
Reduction	42%	60%	65%	25%	27%	26%	3%	5%	28%	9%	3%	-20%
10" meter												
CCF	8,885	7,603	8,311	10,152	4,580	5,910	7,530	7,010	10,150	6,110	7,170	5,720
Customer	3	3	3	3	1	1	1	1	1	1	1	1
CCF/Customer	2,962	2,534	2,770	3,384	4,580	5,910	7,530	7,010	10,150	6,110	7,170	5,720
5-yr Avg	4,607	2,261	2,797	3,303	5,625	4,290	4,343	4,656	4,717	4,482	4,011	4,597
Reduction	36%	-12%	1%	-2%	19%	-38%	-73%	-51%	-115%	-36%	-79%	-24%
2" meter												
CCF	7,192	5,734	6,912	11,267	13,245	17,096	18,479	17,749	20,515	18,751	16,404	13,144
Customer	257	257	257	258	257	257	257	257	257	257	257	257
CCF/Customer	28	22	27	44	52	67	72	69	80	73	64	51
5-yr Avg	51	43	40	42	59	65	91	84	105	72	70	46
Reduction	45%	48%	32%	-3%	13%	-2%	21%	18%	24%	-2%	8%	-10%
3" meter												
CCF	13,718	10,930	11,468	24,084	33,256	36,575	45,269	42,636	46,465	42,859	40,344	29,491
Customer	127	127	127	127	126	126	126	126	127	128	128	127
CCF/Customer	108	86	90	190	264	290	359	338	366	335	315	232
5-yr Avg	185	186	184	222	294	379	438	448	434	388	272	215
Reduction	42%	54%	51%	15%	10%	23%	18%	24%	16%	14%	-16%	-8%
4" meter												
CCF	7,574	4,681	5,690	15,987	18,682	23,530	23,958	24,281	25,152	21,906	19,202	21,538
Customer	43	43	43	43	40	40	40	40	40	40	40	40
CCF/Customer	176	109	132	372	467	588	599	607	629	548	480	538
5-yr Avg	403	299	596	472	1,752	(104)	1,611	1,576	1,799	933	591	599
Reduction	56%	64%	78%	21%	73%	666%	63%	61%	65%	41%	19%	10%

CONSERVATION USAGE DATA
2017

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
CCF	368	297	283	366	374	403	421	380	401	344	393	428
Customer	31	31	31	31	31	31	31	31	31	31	31	31
CCF/Customer	12	10	9	12	12	13	14	12	13	11	13	14
5-yr Avg	15	13	11	13	13	16	16	18	15	19	27	21
Reduction	20%	26%	16%	8%	5%	19%	14%	31%	15%	42%	53%	34%
6" meter												
CCF	1,357	1,235	1,729	2,272	3,087	3,881	5,114	4,399	4,146	4,737	4,665	2,677
Customer	7	7	7	7	6	6	6	6	6	6	6	6
CCF/Customer	194	176	247	325	515	647	852	733	691	790	778	446
5-yr Avg	83	108	92	90	125	147	103	80	129	133	131	81
Reduction	-135%	-63%	-168%	-262%	-311%	-342%	-725%	-819%	-434%	-495%	-493%	-452%
8" meter												
CCF	-	-	-	3	-	-	-	-	-	-	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	-	-	-	3	-	-	-	-	-	-	-	-
5-yr Avg	390	386	395	515	421	540	484	539	556	468	362	418
Reduction	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%
one 3" and one 5/8" meter												
CCF	65	129	104	138	109	127	63	48	122	141	147	122
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	65	129	104	138	109	127	63	48	122	141	147	122
5-yr Avg	121	167	186	170	183	224	194	199	230	207	186	148
Reduction	46%	23%	44%	19%	41%	43%	67%	76%	47%	32%	21%	18%
Sprinkler 10" to 2"												
CCF	-	-	-	9	-	9	-	-	1	-	115	237
Customer	-	-	-	1	1	1	1	1	1	1	1	1
CCF/Customer	-	-	-	9	-	9	-	-	1	-	115	237
Sprinkler 10" to 3"												
CCF	1,032	1,121	1,121	1,729	1,551	1,729	1,729	1,551	2,029	1,103	920	642
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	1,032	1,121	1,121	1,729	1,551	1,729	1,729	1,551	2,029	1,103	920	642
Sprinkler 10" to 4"												
CCF	4,458	4,227	3,977	3,878	4,458	4,227	3,977	3,878	4,201	3,020	4,050	3,604
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	4,458	4,227	3,977	3,878	4,458	4,227	3,977	3,878	4,201	3,020	4,050	3,604
Sprinkler 3" to 3/4"												
CCF	4	4	4	4	4	4	4	5	5	6	6	4
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	4	4	4	4	4	4	4	5	5	6	6	4

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 2												
Sprinkler 4" to 1 1/2"												
CCF					195							
Customer					#DIV/0!							
CCF/Customer												
Sprinkler 4" to 1"												
CCF					60	77	49	27	44	81	104	73
Customer					2	2	2	2	2	2	2	2
CCF/Customer					30	39	25	14	22	41	52	37
Sprinkler 4" to 3"												
CCF					5,325	5,085	6,081	4,712	6,918	4,447	3,873	3,986
Customer					4	4	4	4	4	4	4	4
CCF/Customer					1,331	1,271	1,520	1,178	1,730	1,112	968	997
Sprinkler 6" to 1 1/2"												
CCF					201	260	142	78	149	229	211	260
Customer					2	2	2	2	2	2	2	2
CCF/Customer					101	130	71	39	75	115	106	130
Sprinkler 6" to 3"												
CCF					260	79	94	120	81	77	98	104
Customer					1	1	1	1	1	1	1	1
CCF/Customer					260	79	94	120	81	77	98	104
three 2" meters												
CCF	25	133	55	64	51	64	32	21	49	26		
Customer	2	2	2	2	1	1	1	1	1			
CCF/Customer	13	67	28	32	26	64	32	21	49	#DIV/0!		
5-yr Avg	119	141	108	179	267	343	372	397	444	327	199	175
Reduction	90%	53%	75%	82%	90%	81%	91%	95%	89%	#DIV/0!	100%	100%
two 2" meters												
CCF	1,181	1,109	1,542	2,703	973	1,262	819	266	417	404	326	430
Customer	10	10	10	10	5	5	5	5	4	4	4	4
CCF/Customer	118	111	154	270	195	252	164	53	104	101	82	108
5-yr Avg	243	251	258	246	332	396	478	544	523	457	395	313
Reduction	51%	56%	40%	-10%	41%	36%	66%	90%	80%	78%	79%	66%
Water Commercial												
1 1/2" meter												
CCF	110,166	98,620	94,542	114,589	107,252	121,838	121,422	111,064	129,616	112,322	119,114	110,474
Customer	2,588	2,588	2,587	2,587	2,590	2,588	2,589	2,590	2,591	2,593	2,593	2,592
CCF/Customer	43	38	37	44	41	47	47	43	50	43	46	43
5-yr Avg	48	63	43	62	46	65	50	70	52	70	47	65
Reduction	11%	39%	16%	28%	11%	28%	7%	38%	4%	38%	3%	34%

CONSERVATION USAGE DATA
2017

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
1" meter												
CCF	127,291	115,455	110,944	134,705	124,582	145,473	146,434	134,443	152,656	136,414	142,285	129,889
Customer	6,301	6,312	6,310	6,311	6,311	6,317	6,314	6,315	6,322	6,321	6,329	6,324
CCF/Customer	20	18	18	21	21	23	23	21	24	22	22	21
5-yr Avg	26	26	24	26	25	28	29	30	29	30	26	28
Reduction	21%	29%	26%	18%	23%	18%	19%	30%	18%	29%	14%	25%
2" meter												
CCF	302,842	271,109	268,375	321,443	308,184	345,064	344,737	318,523	363,316	328,913	341,982	319,232
Customer	3,058	3,060	3,062	3,064	3,064	3,062	3,063	3,066	3,067	3,073	3,075	3,084
CCF/Customer	99	89	88	105	101	113	113	104	118	107	111	104
5-yr Avg	136	139	127	137	135	145	146	154	153	153	138	144
Reduction	27%	36%	31%	24%	26%	22%	23%	32%	23%	30%	19%	28%
3" meter												
CCF	78,109	62,361	65,406	81,288	71,945	69,064	83,092	73,919	79,468	77,482	77,093	69,710
Customer	253	255	254	261	258	258	259	259	257	264	263	261
CCF/Customer	309	245	258	311	279	268	321	285	309	293	293	267
5-yr Avg	452	440	371	424	401	484	466	478	474	480	426	410
Reduction	32%	44%	31%	27%	30%	45%	31%	40%	35%	39%	31%	35%
3/4" meter												
CCF	2,552	2,336	2,200	2,519	2,480	2,895	2,963	3,036	2,701	2,641	2,941	2,662
Customer	144	143	142	144	146	146	145	145	146	145	147	147
CCF/Customer	18	16	15	17	17	20	20	21	19	18	20	18
5-yr Avg	17	24	16	24	21	27	24	28	22	30	18	26
Reduction	-2%	33%	2%	27%	17%	27%	16%	26%	17%	39%	-9%	30%
4" meter												
CCF	28,533	30,899	29,874	39,094	36,258	37,561	43,873	39,396	46,527	20,688	33,881	34,103
Customer	54	54	54	55	52	52	53	53	52	53	53	53
CCF/Customer	528	572	553	711	697	722	828	743	895	390	639	643
5-yr Avg	708	805	610	806	699	960	951	981	1,329	985	961	816
Reduction	25%	29%	9%	12%	0%	25%	13%	24%	33%	60%	33%	21%
5/8" meter												
CCF	201,570	177,758	174,389	213,507	196,021	226,057	236,056	212,316	241,066	212,529	219,264	202,784
Customer	13,009	13,001	12,993	12,996	12,995	12,997	13,010	13,012	13,016	13,016	13,005	13,006
CCF/Customer	15	14	13	16	15	17	18	16	19	16	17	16
5-yr Avg	18	21	16	21	18	23	20	25	21	24	18	22
Reduction	12%	35%	18%	20%	16%	24%	9%	34%	11%	33%	5%	29%

CONSERVATION USAGE DATA
2017

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
6" meter												
CCF	21,875	22,885	20,122	23,198	22,909	38,050	38,302	31,678	36,178	33,915	31,562	26,961
Customer	16	15	15	16	15	14	14	14	14	14	14	13
CCF/Customer	1,367	1,526	1,341	1,450	1,527	2,718	2,736	2,263	2,584	2,423	2,254	2,074
5-yr Avg	3,717	4,249	3,436	3,953	3,727	3,625	3,629	3,707	3,535	3,386	3,699	2,956
Reduction	63%	64%	61%	63%	59%	25%	25%	39%	27%	28%	39%	30%
8" meter												
CCF	3,502	2,808	2,871	3,560	2,200	2,101	2,453	1,922	2,424	1,838	1,924	1,880
Customer	2	2	2	2	1	1	1	1	1	1	1	1
CCF/Customer	1,751	1,404	1,436	1,780	2,200	2,101	2,453	1,922	2,424	1,838	1,924	1,880
5-yr Avg	662	577	369	483	513	614	604	670	511	542	426	440
Reduction	-164%	-143%	-289%	-269%	-328%	-242%	-306%	-187%	-374%	-239%	-351%	-327%
one 3" and one 5/8" meter												
CCF	375	73	84	99	299	319	391	350	364	266	414	293
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	188	37	42	50	150	160	196	175	182	133	207	147
5-yr Avg	553	629	453	598	559	603	571	604	602	592	484	564
Reduction	66%	94%	91%	92%	73%	74%	66%	71%	70%	78%	57%	74%
Sprinkler 3" to 3/4"												
CCF	-	-	-	-	-	220	218	199	216	256	39	255
Customer	1	1	1	1	0	1	1	1	1	1	1	1
CCF/Customer	0	0	0	0	0	220	218	199	216	256	39	255
Sprinkler 4" to 1 1/2"												
CCF	590	648	774	660	774	660	774	660	779	689	728	741
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	295	324	387	330	387	330	387	330	390	345	364	371
Sprinkler 4" to 1"												
CCF	555	509	616	507	616	507	616	507	377	519	599	512
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	139	127	154	127	154	127	154	127	94	130	150	128
Sprinkler 4" to 2"												
CCF	1,501	1,523	1,737	1,372	1,523	1,737	1,372	1,372	1,606	1,169	1,197	1,272
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	751	762	869	686	751	869	686	686	803	585	599	636
Sprinkler 6" to 1 1/2"												
CCF	806	1,094	1,041	1,221	1,041	1,094	1,041	1,221	4,148	(1,579)	2,129	1,958
Customer	7	7	7	7	7	7	7	7	7	7	7	7
CCF/Customer	115	156	149	174	149	156	149	174	593	(226)	304	280
Sprinkler 6" to 2"												
CCF	1,051	231	161	140	161	231	161	140	137	531	163	174

CONSERVATION USAGE DATA
2017

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
Customer						2	2	2	2	2	2	2
CCF/Customer						526	116	81	70	69	266	82
Sprinkler 6" to 3"												
CCF						4,518	6,560	7,873	6,534	7,665	8,347	7,443
Customer						7	7	7	7	7	7	7
CCF/Customer						645	937	1,125	933	1,095	1,192	1,063
Sprinkler 6" to 4"												
CCF						3,050	3,397	4,075	2,109	1,443	5,276	-
Customer						1	1	1	1	1	1	1
CCF/Customer						3,050	3,397	4,075	2,109	1,443	5,276	-
Sprinkler 8" to 2"												
CCF						4,283	6,074	6,712	5,881	6,550	5,637	6,233
Customer						9	9	9	9	9	9	9
CCF/Customer						476	675	746	653	728	626	693
Sprinkler 8" to 3"												
CCF						5,960	8,700	8,810	7,606	8,505	7,312	8,285
Customer						6	6	6	6	6	6	6
CCF/Customer						993	1,450	1,468	1,268	1,418	1,219	1,381
three 2" meters												
CCF	74	6	6	1	403	310	484	-	-	-	-	-
Customer	1	1	1	1								
CCF/Customer	74	6	6	1	#DIV/0!	#DIV/0!	#DIV/0!					
5-yr Avg	203	342	128	355	234	329	180	479	314	393	190	360
Reduction	64%	98%	99%	-13%	#DIV/0!	#DIV/0!	100%	100%	100%	100%	100%	100%
two 2" meters												
CCF	32,279	6,371	18,457	23,131	3,899	4,006	4,300	3,888	4,503	3,828	5,533	5,019
Customer	43	42	42	42	11	11	11	11	11	11	9	9
CCF/Customer	751	152	439	551	354	364	391	353	409	348	615	558
5-yr Avg	713	683	669	667	745	747	780	816	812	732	723	703
Reduction	-5%	78%	34%	17%	52%	51%	50%	57%	50%	52%	15%	21%
Water Industrial												
1 1/2" meter												
CCF	794	838	804	1088	1004	1020	1006	963	1081	905	1302	980
Customer	31	31	31	31	31	31	31	31	31	31	31	31
CCF/Customer	26	27	26	35	32	33	32	31	35	29	42	32
5-yr Avg	39	30	39	30	41	33	44	36	47	37	46	35
Reduction	34%	11%	34%	-16%	22%	1%	26%	14%	26%	21%	8%	10%
1" meter												
CCF	746	766	509	800	785	851	921	840	1,029	1,013	931	846
Customer	53	53	53	53	54	54	54	54	54	52	52	53
CCF/Customer	14	14	10	15	15	16	17	16	19	19	18	16
5-yr Avg	14	22	14	19	17	21	16	22	18	23	24	22
Reduction	-4%	34%	33%	20%	16%	25%	-7%	30%	-3%	14%	25%	29%

CONSERVATION USAGE DATA
2017

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
2" meter												
CCF	7,662	6,817	7,547	9,670	9,022	10,988	10,248	9,200	9,689	8,584	8,885	7,765
Customer	80	80	79	79	77	78	78	78	78	79	79	79
CCF/Customer	96	85	96	122	117	141	131	118	124	109	112	98
5-yr Avg	157	80	149	89	179	117	191	128	203	123	172	111
Reduction	39%	-6%	36%	-37%	35%	-20%	31%	8%	39%	11%	34%	12%
3" meter												
CCF	5539	4307	4095	6194	5527	5560	5998	5416	6198	5421	6600	3636
Customer	24	24	24	24	24	24	24	24	24	24	24	24
CCF/Customer	231	179	171	258	230	232	250	226	258	226	275	152
5-yr Avg	304	308	299	283	332	338	353	412	436	411	376	321
Reduction	24%	42%	43%	9%	31%	32%	29%	45%	41%	45%	27%	53%
3/4" meter												
CCF	13	10	11	10	17	30	17	17	11	11	37	39
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	7	5	6	5	9	15	9	9	6	6	19	20
4" meter												
CCF	1001	11359	9636	11701	10236	10514	10450	8844	10500	8997	9729	9016
Customer	10	10	10	10	10	10	10	10	10	10	10	10
CCF/Customer	100	1,136	964	1,170	1,024	1,051	1,045	884	1,050	900	973	902
5-yr Avg	782	1,309	1,029	1,072	1,087	1,069	1,098	1,095	1,221	1,078	1,177	1,024
Reduction	87%	13%	6%	-9%	6%	2%	5%	19%	14%	17%	17%	12%
5/8" meter												
CCF	267	147	314	238	402	397	358	338	368	417	345	218
Customer	34	34	34	33	33	31	32	34	34	34	34	34
CCF/Customer	8	4	9	7	12	13	11	10	11	12	10	6
5-yr Avg	13	10	12	11	11	10	14	11	15	11	14	13
Reduction	40%	58%	20%	33%	-8%	-24%	22%	13%	27%	-9%	27%	49%

CONSERVATION USAGE DATA
2017

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
6" meter												
CCF	1975	1848	1857	1552	1700	1917	2112	2030	1973	1622	2182	1187
Customer	3	3	3	3	2	2	2	2	2	2	2	2
CCF/Customer	658	616	619	517	850	959	1,056	1,015	987	811	1,091	594
Sprinkler 6" to 1 1/2"												
CCF					16	2	5	3	9	6	4	8
Customer					1	1	1	1	1	1	1	1
CCF/Customer					16	2	5	3	9	6	4	8
Sprinkler 8" to 3"												
CCF					501	475	393	333	355	436	378	418
Customer					1	1	1	1	1	1	1	1
CCF/Customer					501	475	393	333	355	436	378	418
two 2" meters												
CCF	25	8	29	21	21	33	66	21	27	28	38	15
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	25	8	29	21	21	33	66	21	27	28	38	15
5-yr Avg	572	278	413	170	444	229	440	387	590	505	313	238
Reduction	96%	97%	93%	88%	95%	86%	85%	95%	95%	94%	88%	94%
Water Residential												
1 1/2" meter												
TIER 1	1,173	1,124	1,148	1,186	1,191	1,225	1,226	1,150	1,253	1,196	1,234	1,222
TIER 2	298	266	297	311	322	341	362	322	366	348	350	345
TIER 3	1,898	1,434	1,838	2,137	1,965	2,311	2,464	2,183	2,646	2,193	2,532	2,112
Customer	131	130	131	131	128	128	129	128	128	129	130	131
CCF/Customer	26	22	25	28	27	30	31	29	33	29	32	28
5-yr Avg	60	26	51	24	59	29	65	30	67	31	61	27
Reduction	57%	16%	51%	-14%	54%	-6%	51%	4%	50%	6%	48%	-3%
1" meter												
TIER 1	31,542	28,969	28,510	33,582	33,018	35,505	35,640	33,891	36,776	34,135	35,360	33,843
TIER 2	3,213	2,637	2,415	4,051	3,971	4,876	5,367	4,499	5,532	4,466	4,697	4,059
TIER 3	6,069	5,337	4,642	7,967	7,397	8,152	11,155	8,835	11,198	8,772	9,238	7,634
Customer	4,662	4,659	4,679	4,689	4,720	4,739	4,771	4,744	4,754	4,772	4,781	4,794
CCF/Customer	9	8	8	10	9	10	11	10	11	10	10	9
5-yr Avg	13	13	12	12	14	15	16	17	17	17	14	14
Reduction	34%	37%	37%	21%	31%	31%	32%	41%	32%	40%	27%	32%
2" meter												
TIER 1	213	202	226	208	255	242	277	258	277	258	220	270
TIER 2	59	60	62	56	71	62	76	70	77	70	52	66
TIER 3	632	676	724	708	1,023	818	799	860	1,053	722	753	592
Customer	32	34	35	35	33	35	37	37	37	36	37	36
CCF/Customer	28	28	29	28	41	32	31	32	38	29	28	26
5-yr Avg	22	12	21	11	28	18	31	14	34	14	31	14
Reduction	-26%	-135%	-35%	-146%	-44%	-79%	0%	-135%	-13%	-108%	9%	-79%

CONSERVATION USAGE DATA
2017

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
TIER 1	6,051	5,453	5,368	6,548	6,438	7,036	7,095	6,646	7,242	6,751	6,746	6,480
TIER 2	323	250	214	508	486	720	688	585	752	587	591	492
TIER 3	186	147	178	326	329	664	738	568	749	531	491	424
Customer	953	952	952	954	952	952	954	952	952	958	963	968
CCF/Customer	7	6	6	8	8	9	9	8	9	8	8	8
5-yr Avg	11	11	10	10	11	12	13	13	14	13	11	11
Reduction	36%	41%	38%	20%	29%	27%	33%	39%	32%	39%	27%	31%
5/8" meter												
TIER 1	481,807	425,930	425,555	512,537	511,711	557,591	568,470	536,134	577,451	532,009	537,279	513,089
TIER 2	41,143	30,084	28,863	55,049	54,648	75,250	84,259	68,966	85,250	64,365	65,452	54,786
TIER 3	42,039	30,321	27,718	53,696	51,235	79,486	95,623	70,893	97,423	65,291	68,537	52,648
Customer	67,931	67,954	67,951	67,976	67,950	67,956	67,940	67,939	67,925	67,946	67,948	67,954
CCF/Customer	8	7	7	9	9	10	11	10	11	10	10	9
5-yr Avg	12	10	11	10	13	13	15	14	16	14	13	11
Reduction	30%	31%	34%	11%	27%	16%	28%	31%	31%	29%	24%	20%
Sprinkler 1" to 3/4"												
TIER 1	66	56	56	74	54	68	64	52	56	58	68	50
TIER 2	-	-	-	-	-	-	-	-	-	-	-	-
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	14	14	14	14	14	13	14	14	13	14	14	14
CCF/Customer	5	4	4	5	4	5	5	4	4	4	5	4
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	633	549	558	680	673	718	739	677	755	713	767	761
TIER 2	39	22	17	72	54	80	102	69	83	66	73	69
TIER 3	16	9	3	42	24	50	101	69	110	92	124	48
Customer	106	106	105	107	108	112	109	109	110	110	110	117
CCF/Customer	7	5	6	7	7	8	9	7	9	8	9	8

CONSERVATION USAGE DATA
2017

REGION 3 Government Agencies		January	February	March	April	May	June	July	August	September	October	November	December
1" meter													
CCF		209		158		387		31		11		9	
Customer		2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer		105	79	79		194		16		6		5	
5-yr Avg		290	376	329	429	433	516	503	503	486	354	411	227
Reduction		64%	100%	76%	100%	55%	100%	97%	100%	99%	100%	99%	100%
2" meter													
CCF		353	470	311	214	366	404	447	447	223	329	347	213
Customer		1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer		353	470	311	214	366	404	447	447	223	329	347	213
5-yr Avg		290	376	329	429	433	516	503	503	486	354	411	227
Reduction		-22%	-25%	6%	50%	15%	22%	11%	11%	54%	7%	16%	6%
Navy													
TIER 1		3,086	3,051	4,383	5,336	6,285	9,013	8,110	8,110	8,150	3,637	4,992	4,837
TIER 2													
Customer		1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer		3,086	3,051	4,383	5,336	6,285	9,013	8,110	8,110	8,150	3,637	4,992	4,837
5-yr Avg		7,187	8,468	8,940	12,677	19,162	24,498	30,418	28,006	28,524	20,812	14,561	9,081
Reduction		57%	64%	51%	58%	67%	63%	78%	71%	71%	83%	66%	47%
Irrigation													
1 1/2" meter													
CCF		3,035	878	1,393	4,132	9,879	6,101	15,507	7,691	16,126	6,829	13,710	5,287
Customer		110	118	109	109	109	109	108	108	108	108	108	108
CCF/Customer		28	7	13	38	91	56	144	71	149	63	127	49
5-yr Avg		45	20	28	21	60	46	116	62	140	51	77	26
Reduction		38%	62%	55%	-83%	-51%	-21%	-24%	-15%	-7%	-23%	-64%	-87%
1" meter													
CCF		3,129	1,517	1,624	2,459	4,858	4,232	6,679	4,528	7,431	4,828	6,966	4,655
Customer		232	293	233	234	234	235	235	235	236	237	237	236
CCF/Customer		13	5	7	11	21	18	28	19	31	20	29	20
5-yr Avg		20	15	15	14	22	22	32	26	40	29	30	22
Reduction		31%	66%	54%	24%	8%	18%	11%	27%	22%	29%	1%	8%
2" meter													
CCF		20,584	6,646	9,463	26,719	45,546	47,832	68,457	58,458	72,414	55,318	62,194	43,918
Customer		471	759	470	470	470	470	471	471	472	472	472	473
CCF/Customer		44	9	20	57	97	102	145	124	153	117	132	93
5-yr Avg		92	69	71	67	117	139	204	190	246	178	165	105
Reduction		53%	87%	72%	15%	17%	27%	29%	35%	38%	34%	20%	11%

CONSERVATION USAGE DATA
2017

REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	476	252	425	1,602	2,014	3,207	3,501	5,370	6,198	3,791	5,839	2,456
Customer	17	32	17	17	17	17	16	16	16	16	16	16
CCF/Customer	28	8	25	94	118	189	219	336	387	237	365	154
5-yr Avg	237	279	185	365	598	752	796	1,069	891	746	543	280
Reduction	88%	97%	87%	74%	80%	75%	73%	69%	57%	68%	33%	45%
3/4" meter												
CCF	16	38	2	67	34	149	39	113	46	129	71	131
Customer	10	32	9	9	10	10	10	10	10	10	10	10
CCF/Customer	2	1	0	7	4	15	4	11	5	13	7	13
5-yr Avg	12	8	7	5	11	19	19	36	10	14	14	10
Reduction	86%	84%	97%	-38%	64%	22%	79%	69%	56%	7%	49%	-36%
5/8" meter												
CCF	461	403	216	471	668	807	871	928	1,192	944	1,153	814
Customer	112	118	112	112	112	112	112	112	112	112	111	110
CCF/Customer	4	3	2	4	6	7	8	8	11	8	10	7
5-yr Avg	9	6	10	7	11	8	13	10	15	11	13	8
Reduction	56%	43%	80%	36%	47%	8%	40%	18%	31%	26%	21%	3%
Sprinkler 8" to 3"												
CCF												
Customer												
CCF/Customer												
two 2" meters												
CCF	200	178	216	279	360	562	268	254	139	1,734	1,938	1,642
Customer	2	4	2	2	1	1	1	1	1	1	1	1
CCF/Customer	100	45	108	140	360	562	268	254	139	1,734	1,938	1,642
5-yr Avg	1,023	634	978	762	1,263	897	1,905	583	1,351	1,264	1,159	494
Reduction	90%	93%	89%	82%	71%	100%	43%	100%	23%	100%	27%	100%
Other Sales and Services												
1" meter												
CCF	51	95	12	92	94	95	170	102	1,042	851	851	1
Customer	2	2	2	2	2	2	2	2	1,042	1	1	1
CCF/Customer	26	48	6	46	47	48	85	51	1,042	1	1	1
5-yr Avg	40	40	54	54	54	54	17	82	1,351	66	33	88
Reduction	-18%	-18%	14%	-407%	12%	38%	100%	100%	100%	100%	100%	100%
2" meter												
CCF	244	244	510	581	623	623	623	623	623	623	623	623
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	244	244	510	581	623	623	623	623	623	623	623	623
5-yr Avg	55	238	34	221	77	242	46	349	(10)	377	30	297
Reduction	100%	2%	100%	-131%	100%	-140%	100%	-79%	100%	100%	100%	100%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 3												
3" meter												
CCF	3	1	3	3	6	3	4	3	4			
Customer	2	2	2	2	2	2	2	2	2			
CCF/Customer	2	1	2	2	2	2	2	2	2			
5-yr Avg	19	63	35	90	137	155	155	122	115	262	82	69
Reduction	92%	99%	96%	97%	99%	99%	98%	98%	100%	100%	100%	100%
5/8" meter												
CCF	28	17	12	43	47	54	56	51	18			
Customer	2	2	2	2	2	2	2	2				
CCF/Customer	14	9	6	22	24	28	28	26	#DIV/0!			
5-yr Avg	66	21	39	19	73	42	90	45	90	40	84	28
Reduction	79%	59%	85%	-11%	68%	33%	70%	44%	#DIV/0!	100%	100%	100%
Resale												
2" meter												
CCF	-	174	-	273	-	486	-	647	-	510	-	303
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	-	87	-	137	-	243	-	324	-	255	-	152
5-yr Avg	-	230	164	500	476	606	588	57%	57%	57%	57%	56%
Reduction	-	62%	100%	73%	49%	49%	49%	47%	47%	47%	47%	56%
6" meter												
CCF	2,092	1,821	1,569	2,361	2,090	2,403	2,403	2,566	2,504	2,043	2,357	1,977
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	2,092	1,821	1,569	2,361	2,090	2,403	2,403	2,566	2,504	2,043	2,357	1,977
5-yr Avg	2,305	2,482	2,100	2,532	2,922	2,890	3,543	3,468	3,879	3,068	2,668	2,478
Reduction	9%	27%	25%	7%	28%	17%	30%	26%	35%	33%	12%	20%
Public Authority - Metered												
1 1/2" meter												
CCF	700	730	544	1,024	870	1,063	1,313	939	1,224	1,241	1,121	1,183
Customer	36	36	36	36	35	35	34	34	32	32	32	32
CCF/Customer	19	20	15	28	25	30	39	28	38	39	35	37
5-yr Avg	24	25	20	32	32	57	57	66	61	64	40	39
Reduction	18%	19%	23%	11%	22%	47%	32%	58%	37%	39%	13%	4%
1" meter												
CCF	666	904	586	3,386	1,781	2,949	2,497	3,514	2,359	3,046	1,602	2,240
Customer	105	105	105	106	106	106	106	106	106	106	106	106
CCF/Customer	6	9	6	32	17	28	24	33	22	29	15	21
5-yr Avg	11	12	9	13	13	24	21	29	28	31	19	19
Reduction	40%	29%	36%	-140%	-27%	-16%	-10%	-16%	20%	7%	22%	-12%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 3												
4" meter												
CCF	31,856	34,450	29,253	37,450	29,367	33,211	40,790	46,206	46,212	36,800	37,821	33,028
Customer	80	91	80	81	65	66	65	65	65	66	66	66
CCF/Customer	398	379	366	462	452	503	628	711	711	558	573	500
5-yr Avg	677	639	611	661	801	856	1,175	987	1,229	926	851	717
Reduction	41%	41%	40%	30%	44%	41%	47%	28%	42%	40%	33%	30%
5/8" meter												
CCF	35,731	32,883	32,604	34,784	38,397	40,476	45,954	43,460	43,947	42,799	42,079	39,674
Customer	2,811	2,824	2,808	2,808	2,812	2,816	2,806	2,812	2,814	2,815	2,811	2,807
CCF/Customer	13	12	12	12	14	14	16	15	16	15	15	14
5-yr Avg	19	15	17	15	20	18	24	21	26	20	21	16
Reduction	34%	22%	32%	18%	30%	21%	32%	28%	39%	24%	29%	13%
6" meter												
CCF	23,491	26,568	25,148	30,558	8,426	16,928	18,480	16,548	20,645	15,874	14,237	8,975
Customer	44	47	44	44	13	12	12	12	12	12	12	12
CCF/Customer	534	565	572	695	648	1,411	1,540	1,379	1,720	1,323	1,186	748
5-yr Avg	858	920	759	1,092	1,402	1,690	2,102	1,900	2,030	1,477	1,213	961
Reduction	38%	39%	25%	36%	54%	17%	27%	27%	15%	10%	2%	22%
8" meter												
CCF	8,073	9,357	6,820	10,030	(3,284)	1,700	2,583	2,084	2,305	2,080	2,448	2,254
Customer	9	9	9	9	2	6	5	5	5	5	5	5
CCF/Customer	897	1,040	758	1,114	(1,642)	283	517	417	461	416	490	451
5-yr Avg	897	1,060	998	1,187	1,989	2,370	2,402	2,741	2,711	2,252	1,241	1,083
Reduction	0%	2%	24%	6%	183%	88%	78%	85%	83%	82%	61%	58%
Sprinkler 3" to 2"												
CCF					549							
Customer					-							
CCF/Customer					#DIV/0!							
Sprinkler 4" to 1 1/2"												
CCF		7,932		(1,773)			3,345	3,303	3,501	2,825	3,086	2,349
Customer		6		6			6	6	6	6	6	6
CCF/Customer		1,322		(296)			558	551	584	471	514	392
Sprinkler 4" to 1"												
CCF		517		302			323	260	307	329	297	298
Customer		1		1			1	1	1	1	1	1
CCF/Customer		517		302			323	260	307	329	297	298
Sprinkler 4" to 2"												
CCF		1,265		483			472	484	482	403	435	406
Customer		1		1			1	1	1	1	1	1
CCF/Customer		1,265		483			472	484	482	403	435	406
Sprinkler 4" to 3"												
CCF		4,674		2,725			3,205	2,690	2,998	2,520	3,121	2,798
Customer		3		3			3	3	3	3	3	3
CCF/Customer		1,558		908			1,068	897	999	840	1,040	933

CONSERVATION USAGE DATA
2017

REGION 3 two size 3" meters, one c	January	February	March	April	May	June	July	August	September	October	November	December
CCF	974	954	790	1,019	-	-	-	-	-	-	-	-
Customer	1	1	1	1	-	-	-	-	-	-	-	-
CCF/Customer	974	954	790	1,019	-	-	-	-	-	-	-	-
5-yr Avg	835	780	919	836	1,156	1,160	1,587	1,386	1,837	1,206	1,345	913
Reduction	-17%	-22%	14%	-22%	100%	100%	100%	100%	100%	100%	100%	100%
Water Industrial												
1 1/2" meter												
CCF	173	44	114	137	275	156	301	229	289	252	301	107
Customer	4	4	5	5	5	5	5	5	5	5	5	5
CCF/Customer	43	11	23	27	55	31	60	46	58	50	60	21
5-yr Avg	103	24	107	18	109	30	165	39	193	31	167	31
Reduction	58%	55%	79%	-51%	50%	-6%	64%	-18%	70%	-63%	64%	32%
1" meter												
CCF	52	54	58	99	151	167	223	126	248	133	133	115
Customer	14	14	14	14	14	14	14	14	14	14	14	14
CCF/Customer	4	4	4	7	11	12	16	9	18	10	10	8
5-yr Avg	12	2	11	2	10	3	16	5	20	5	18	3
Reduction	68%	-105%	62%	-204%	-13%	-257%	-1%	-93%	11%	-110%	46%	-195%
2" meter												
CCF	2,170	2,069	1,989	2,175	2,432	4,095	2,477	3,492	2,338	3,577	2,686	3,618
Customer	25	29	24	24	24	24	24	24	24	24	25	25
CCF/Customer	87	71	83	91	101	171	103	146	97	143	107	145
5-yr Avg	150	139	125	151	143	162	170	184	177	178	145	161
Reduction	42%	49%	34%	40%	29%	-5%	39%	21%	45%	19%	26%	10%
3" meter												
CCF	2,443	1,504	1,212	3,218	2,727	2,880	2,266	2,971	2,856	3,046	2,746	2,427
Customer	6	6	6	6	5	5	5	5	5	5	5	5
CCF/Customer	407	251	202	536	545	576	453	594	571	609	549	485
5-yr Avg	626	214	517	231	744	317	1,247	379	1,613	323	1,111	260
Reduction	35%	-17%	61%	-132%	27%	-82%	64%	-57%	65%	-89%	51%	-87%
3/4" meter												
CCF	7	11	12	17	15	30	37	76	40	26	31	24
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	7	11	12	17	15	30	37	76	40	26	31	24
4" meter												
CCF	1,157	1,320	1,217	1,523	1,180	1,467	1,485	1,398	1,650	1,490	1,786	1,111
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	1,157	1,320	1,217	1,523	1,180	1,467	1,485	1,398	1,650	1,490	1,786	1,111
5-yr Avg	261	281	283	335	232	300	396	414	327	431	222	385
Reduction	-343%	-370%	-330%	-354%	-410%	-389%	-275%	-238%	-405%	-246%	-706%	-189%

CONSERVATION USAGE DATA
2017

REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
CCF	1	473	3	264	-	234	1	218	-	244	-	255
Customer	7	7	7	7	7	7	7	7	7	7	7	7
CCF/Customer	0	68	0	38	-	33	0	31	-	35	-	36
5-yr Avg	17	51	16	49	19	55	27	59	35	60	26	66
Reduction	99%	-32%	97%	24%	100%	39%	99%	47%	100%	42%	100%	44%
6" meter												
CCF	1,217	1,321	1,591	5,129								
Customer	1	1	1	1								
CCF/Customer	1,217	1,321	1,591	5,129								
5-yr Avg	60	79	100	88	77	62	50	46	85	64	58	61
Reduction	-1915%	-1564%	-1494%	-5755%	100%	100%	100%	100%	100%	100%	100%	100%
Sprinkler 6" to 3"												
CCF					337	337	285	359	348	614	327	
Customer					1	1	1	1	1	1	1	1
CCF/Customer					337	337	285	359	348	614	327	
Sprinkler 8" to 6"												
CCF					4,879	6,071	4,633	4,922	4,545	3,950	2,803	2,646
Customer					1	1	1	1	1	1	1	1
CCF/Customer					4,879	6,071	4,633	4,922	4,545	3,950	2,803	2,646
Water Residential												
1 1/2" meter												
TIER 1	2,110	1,567	1,851	1,847	2,330	1,919	2,361	1,922	2,410	1,948	2,389	1,943
TIER 2	784	500	568	960	1,115	1,049	1,185	1,052	1,237	1,050	1,222	1,021
TIER 3	2,050	879	768	4,831	5,081	6,647	8,468	8,298	8,021	8,470	6,807	6,302
Customer	185	211	184	183	181	182	182	182	182	182	182	182
CCF/Customer	27	14	17	42	47	53	66	62	64	63	57	51
5-yr Avg	50	46	40	46	52	71	84	89	98	84	73	57
Reduction	46%	70%	57%	10%	9%	26%	21%	30%	35%	25%	21%	11%
1" meter												
TIER 1	151,783	109,908	134,713	156,140	190,921	170,113	206,631	172,209	203,923	172,213	198,832	165,504
TIER 2	27,266	11,073	15,183	44,035	59,913	60,926	83,933	64,390	82,155	62,924	71,104	51,258
TIER 3	32,187	11,252	12,585	58,814	82,510	104,256	174,786	121,779	170,970	110,345	115,367	70,632
Customer	16,864	17,808	16,893	16,916	16,923	16,955	16,961	16,968	16,966	16,975	16,981	16,978
CCF/Customer	13	7	10	15	20	20	27	21	27	20	23	17
5-yr Avg	22	18	18	18	25	28	38	36	43	33	30	23
Reduction	42%	59%	46%	14%	20%	30%	28%	42%	38%	39%	25%	25%

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 3												
2" meter												
TIER 1	1,374	726	1,154	865	1,433	881	1,409	884	1,383	883	1,403	836
TIER 2	681	259	390	460	849	501	857	510	837	501	837	476
TIER 3	3,339	1,329	761	4,700	6,000	6,476	8,157	7,654	8,095	7,291	7,335	5,216
Customer	93	119	93	93	93	91	92	91	91	91	91	90
CCF/Customer	58	19	25	65	89	86	113	99	113	95	105	73
5-yr Avg	96	54	80	58	103	96	169	118	208	108	155	73
Reduction	40%	64%	69%	-13%	13%	10%	33%	16%	46%	12%	32%	1%
3/4" meter												
TIER 1	38,631	38,403	35,189	56,098	52,855	62,552	58,268	63,519	57,625	63,043	54,345	59,246
TIER 2	3,267	2,392	2,289	10,550	12,516	17,604	20,772	19,639	19,741	18,510	14,094	13,039
TIER 3	2,060	1,680	1,011	6,814	8,131	13,671	21,545	15,793	20,102	13,923	9,989	7,245
Customer	5,833	15,522	5,835	5,840	5,836	5,849	5,848	5,851	5,856	5,854	5,856	5,853
CCF/Customer	8	3	7	13	13	16	17	17	17	16	13	14
5-yr Avg	12	15	10	15	14	23	22	28	24	24	16	17
Reduction	36%	81%	33%	17%	11%	30%	22%	40%	31%	33%	14%	21%
5/8" meter												
TIER 1	423,386	423,057	370,998	486,215	482,738	569,825	547,042	598,286	535,228	586,829	501,412	543,993
TIER 2	31,850	26,160	19,086	45,247	61,297	95,153	108,801	122,800	102,787	110,840	74,693	75,955
TIER 3	14,436	12,402	8,362	19,975	28,713	49,754	74,770	72,720	69,287	59,118	37,188	32,735
Customer	63,328	65,667	63,398	63,410	63,389	63,413	63,420	63,447	63,433	63,441	63,446	63,449
CCF/Customer	7	7	6	9	9	11	12	13	11	12	10	10
5-yr Avg	11	11	10	11	13	16	18	19	19	17	14	13
Reduction	33%	36%	37%	22%	29%	28%	35%	34%	41%	31%	29%	21%
Sprinkler 1 1/2" TO 1"												
TIER 1	436	373	384	516	570	556	583	543	576	553	577	522
TIER 2	114	59	67	245	312	287	327	281	322	286	303	259
TIER 3	210	174	105	757	1,657	1,689	2,180	1,881	2,837	2,060	1,772	1,172
Customer	43	43	44	44	46	46	46	46	47	47	47	47
CCF/Customer	18	14	13	35	55	55	67	59	79	62	56	42

CONSERVATION USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 3												
Sprinkler 1 1/2" TO 3/4"												
TIER 1	3	3	3	3	3	3	3	5	4	3	3	4
TIER 2	-	-	-	-	-	-	-	-	-	-	-	-
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	3	3	3	3	3	3	3	5	4	3	3	4
Sprinkler 1" TO 3/4"												
TIER 1	5,161	2,903	4,741	2,900	5,556	3,301	6,031	3,537	5,773	3,484	5,684	3,415
TIER 2	156	57	96	86	259	217	367	280	372	349	313	230
TIER 3	38	-	-	0	70	55	101	97	132	87	95	25
Customer	605	763	605	605	606	605	607	606	606	604	606	607
CCF/Customer	9	4	8	5	10	6	11	6	10	6	10	6
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	6,731	6,078	5,918	6,859	7,529	7,821	8,379	8,142	8,043	8,179	7,793	7,555
TIER 2	159	193	101	367	494	819	969	964	846	754	507	406
TIER 3	43	164	38	471	503	849	1,180	1,058	770	465	344	263
Customer	1,116	1,119	1,123	1,127	1,128	1,131	1,128	1,138	1,157	1,164	1,164	1,181
CCF/Customer	6	6	5	7	8	8	9	9	8	8	7	7
Sprinkler 2" TO 1"												
TIER 1	655	557	593	748	738	759	748	790	791	763	792	764
TIER 2	254	173	199	435	430	452	460	481	475	459	472	463
TIER 3	640	293	304	1,950	2,525	3,649	4,444	4,229	4,750	3,501	3,734	2,682
Customer	58	58	58	58	58	58	59	60	60	60	60	60
CCF/Customer	27	18	19	54	64	84	96	92	100	79	83	65
Sprinkler 2" TO 3/4"												
TIER 1	13	13	7	9	13	13	13	13	13	13	13	13
TIER 2	8	8	-	-	8	8	8	8	8	8	8	8
TIER 3	2	6	-	-	4	7	41	49	-	36	32	40
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	23	27	7	9	25	28	62	70	21	57	53	61

LOW INCOME (CARW) CUSTOMER USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Arden Cordova CSA												
1" meter												
CCF	503	438	376	437	484	701	1,113	862	935	699	644	537
Customer	58	58	57	52	54	52	53	54	52	50	51	52
CCF/Cust	9	8	7	8	9	13	21	16	18	14	13	10
3/4" meter												
CCF	6,549	6,725	5,765	7,584	7,461	14,554	16,008	23,042	17,726	18,729	12,012	9,878
Customer	916	923	926	903	954	939	953	986	990	994	1,012	1,008
CCF/Cust	7	7	6	8	8	15	17	23	18	19	12	10
5/8" meter												
CCF	1,338	2,252	1,182	2,827	1,412	4,399	1,804	6,040	1,872	5,662	1,726	3,219
Customer	275	276	276	265	279	273	280	291	285	285	292	289
CCF/Cust	5	8	4	11	5	16	6	21	7	20	6	11
Bay Point CSA												
5/8" meter												
TIER 1	7,163	6,809	6,365	7,114	7,136	8,127	7,902	7,617	8,141	7,549	7,422	6,948
TIER 2	1,084	766	645	1,174	1,052	2,119	2,465	1,809	2,349	1,587	1,273	1,030
TIER 3	240	124	137	241	232	774	1,268	867	985	388	255	242
Customer	1,221	1,225	1,218	1,174	1,259	1,192	1,226	1,225	1,206	1,199	1,223	1,210
CCF/Cust	7	6	6	7	7	9	9	8	10	8	7	7

LOW INCOME (CARW) CUSTOMER USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Clearlake CSA												
5/8" meter												
CCF	2,464	2,141	2,002	2,192	2,301	2,998	3,867	3,364	3,818	3,012	2,581	2,495
Customer	550	543	542	524	539	517	546	557	548	539	543	541
CCF/Cust	4	4	4	4	4	6	7	6	7	6	5	5
Los Osos CSA												
1" meter												
TIER 1	12	18	12	11	16	16	16	31	45	32	35	31
TIER 2	-	-	-	-	2	3	5	12	16	12	4	12
TIER 3	-	-	-	-	-	-	-	3	-	3	-	4
Customer	2	2	2	2	2	2	3	4	4	4	4	4
CCF/Cust	6	9	6	6	9	10	7	12	15	12	10	12
3/4" meter												
TIER 1	106	45	99	50	115	57	111	46	86	47	114	44
TIER 2	4	-	8	-	21	2	32	3	11	5	29	2
TIER 3	-	-	-	-	22	-	28	-	-	-	21	-
Customer	16	15	15	13	13	12	12	12	13	13	15	15
CCF/Cust	7	3	7	4	12	5	14	4	7	4	11	3
5/8" meter												
TIER 1	1,734	779	1,546	770	1,712	930	1,661	1,044	1,747	985	1,856	963
TIER 2	113	46	85	45	80	76	97	76	103	60	69	59
TIER 3	14	31	-	22	5	10	20	19	37	23	10	10
Customer	336	340	340	329	347	341	353	367	364	368	384	381
CCF/Cust	6	3	5	3	5	3	5	3	5	3	5	3

LOW INCOME (CARW) CUSTOMER USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Ojal CSA												
1" meter												
TIER 1	92	58	60	58	98	106						
TIER 2	41	1	24	16	58	68						
TIER 3	146	-	32	-	105	153						
Customer	8	8	7	7	9	7						
CCF/Cust	35	7	17	11	29	47						
3/4" meter												
TIER 1	38	75	41	69	63	117						
TIER 2	-	7	12	38	1	36						
TIER 3	-	-	-	19	-	23						
Customer	9	9	10	10	11	12						
CCF/Cust	4	9	5	13	6	15						
5/8" meter												
TIER 1	1,031	1,582	893	1,696	1,042	2,441						
TIER 2	93	35	41	10	89	279						
TIER 3	3	11	3	-	-	14						
Customer	225	225	222	215	228	232						
CCF/Cust	5	7	4	8	5	12						
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	7		9		8	3						
TIER 2	-	-	-	-	-	-						
TIER 3	-	-	-	-	-	-						
Customer	1	1	1	1	1	1						
CCF/Cust	7	-	9	-	8	3						

LOW INCOME (CARW) CUSTOMER USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Santa Maria CSA												
1" meter												
TIER 1	468	403	433	595	681	770	789	745	763	701	731	653
TIER 2	92	52	37	176	214	316	415	389	372	330	336	207
TIER 3	77	49	22	189	183	403	794	587	527	483	326	119
Customer	54	55	57	56	62	61	61	60	59	59	61	60
CCF/Cust	12	9	9	17	17	24	33	29	28	26	23	16
3/4" meter												
TIER 1	366	331	331	453	479	583	699	682	710	675	720	647
TIER 2	23	18	19	74	65	143	246	186	188	122	149	109
TIER 3	1	-	77	3	29	58	92	73	66	40	26	37
Customer	53	53	51	49	55	55	63	65	65	66	68	68
CCF/Cust	7	7	8	11	10	14	16	14	15	13	13	12
5/8" meter												
TIER 1	14,025	12,408	12,346	15,809	17,028	20,365	20,492	19,156	19,901	17,915	19,003	17,322
TIER 2	1,043	702	662	1,604	1,897	4,416	5,085	3,580	4,219	2,910	3,219	1,907
TIER 3	345	270	300	325	465	1,973	1,793	1,255	1,423	982	1,053	666
Customer	1,841	1,836	1,827	1,771	1,899	1,800	1,849	1,854	1,810	1,813	1,898	1,883
CCF/Cust	8	7	7	10	10	15	15	13	14	12	12	11
Sprinkler 1" TO 3/4"												
TIER 1	8	12	10	13	23	28	26	28	34	28	31	32
TIER 2	-	-	-	-	-	-	-	-	-	-	-	-
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	2	2	2	2	3	3	3	3	3	3	3	3
CCF/Cust	4	6	5	7	8	9	9	9	11	9	10	11

LOW INCOME (CARW) CUSTOMER USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Simi Valley CSA												
1" meter												
TIER 1	17	45	15	15	52	19	52	52	26	52	49	73
TIER 2	-	14	-	-	23	-	17	28	4	19	-	28
TIER 3	-	101	-	-	36	-	160	157	-	88	-	52
Customer	3	3	3	3	2	2	2	2	3	3	4	5
CCF/Cust	6	53	5	5	56	10	115	79	10	40	10	31
5/8" meter												
TIER 1	14,216	12,736	11,797	13,705	15,572	16,679	16,581	17,090	15,788	16,829	15,973	15,898
TIER 2	1,330	728	636	964	2,105	2,653	3,784	3,104	3,395	2,983	2,902	2,289
TIER 3	289	241	130	310	685	1,266	2,156	1,830	1,857	1,586	1,461	1,171
Customer	1,657	1,661	1,659	1,589	1,670	1,594	1,613	1,630	1,583	1,578	1,683	1,665
CCF/Cust	10	8	8	9	11	13	14	14	13	14	12	12
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	69	58	58	55	57	43	51	42	51	63	37	54
TIER 2	2	-	-	-	-	-	-	-	-	-	-	-
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	9	9	9	8	8	8	8	8	8	7	7	7
CCF/Cust	8	6	6	7	7	5	6	5	6	9	5	8

LOW INCOME (CARW) CUSTOMER USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 2												
1 1/2" meter												
TIER 1	33	33	33	34	34	33	33	39	38	37	36	37
TIER 2	12	12	12	12	12	12	12	12	12	12	12	12
TIER 3	73	59	53	58	61	69	61	56	78	54	77	70
Customer	3	3	3	3	3	3	3	4	4	4	4	4
CCF/Cust	39	35	33	35	35	35	38	28	27	32	26	30
1" meter												
TIER 1	6,786	6,297	6,124	6,987	6,944	7,480	7,266	7,028	7,542	6,970	7,405	7,134
TIER 2	754	610	536	914	804	1,056	1,115	945	1,174	881	999	869
TIER 3	769	805	434	932	737	1,234	1,606	1,277	1,481	1,139	1,357	1,092
Customer	843	842	841	820	868	825	847	847	829	829	891	882
CCF/Cust	10	9	8	11	10	12	12	11	12	11	11	10
3/4" meter												
TIER 1	1,442	1,349	1,294	1,499	1,542	1,664	1,605	1,524	1,605	1,464	1,525	1,522
TIER 2	143	94	93	153	159	203	182	154	182	148	164	147
TIER 3	67	59	46	103	103	177	260	183	224	212	166	169
Customer	193	194	196	194	201	192	197	195	190	190	209	209
CCF/Cust	9	8	7	9	9	11	10	10	11	10	10	9
5/8" meter												
TIER 1	161,717	145,557	141,198	166,947	170,274	184,336	181,089	173,444	186,473	171,265	177,484	171,072
TIER 2	15,152	11,516	10,620	19,611	19,089	26,423	28,084	23,407	29,030	21,570	22,837	19,342
TIER 3	13,877	10,004	9,022	17,769	15,934	25,867	29,681	21,394	30,644	19,695	21,682	16,650
Customer	20,750	20,742	20,711	20,200	21,324	20,308	20,733	20,856	20,389	20,394	21,446	21,206
CCF/Cust	9	8	8	10	10	12	12	10	12	10	10	10
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	46	48	48	59	60	70	72	68	69	60	81	63
TIER 2	4	4	4	4	8	10	10	2	4	2	9	3
TIER 3	5	1	2	6	2	3	1	1	2	2	24	1
Customer	7	7	7	7	7	8	8	8	8	8	8	8
CCF/Cust	8	8	8	10	10	10	10	9	9	8	14	8

LOW INCOME (CARW) CUSTOMER USAGE DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 3												
1 1/2" meter												
TIER 1	193	72	169	82	187	191	102	219	112	225	108	
TIER 2	41	11	23	21	66	82	35	110	37	107	38	
TIER 3	14	7	-	47	54	13	114	36	251	108	168	67
Customer	13	13	13	12	12	13	15	15	15	15	14	14
CCF/Cust	19	7	15	13	26	8	30	12	39	17	36	15
1" meter												
TIER 1	12,580	11,100	11,139	13,629	14,775	15,050	15,555	14,835	15,048	14,755	15,320	14,610
TIER 2	1,537	910	1,104	2,814	3,364	3,995	4,731	4,016	4,489	4,085	3,954	3,297
TIER 3	1,220	500	647	2,383	3,607	4,660	6,611	4,942	6,369	4,663	3,925	2,744
Customer	1,469	1,472	1,468	1,422	1,489	1,416	1,440	1,456	1,435	1,439	1,513	1,498
CCF/Cust	10	8	9	13	15	17	19	16	18	16	15	14
2" meter												
TIER 1	54	13	48	13	49	13	65	13	65	13	65	13
TIER 2	24	8	24	8	24	8	40	8	40	8	40	8
TIER 3	678	326	406	385	953	294	1,074	270	989	413	1,048	417
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Cust	252	116	159	135	342	105	393	97	365	145	384	146
3/4" meter												
TIER 1	5,057	4,803	4,659	6,562	6,731	7,332	7,275	7,302	7,104	7,032	6,683	6,762
TIER 2	421	380	333	1,163	1,398	1,890	2,325	1,949	2,099	1,722	1,456	1,274
TIER 3	361	142	142	580	705	1,183	1,934	1,147	1,600	1,087	723	616
Customer	714	712	709	701	740	708	719	717	701	703	730	718
CCF/Cust	8	7	7	12	12	15	16	15	15	14	12	12
5/8" meter												
TIER 1	81,006	74,020	72,669	79,482	90,440	92,336	98,680	97,004	97,801	94,225	96,027	88,241
TIER 2	6,664	5,317	4,366	7,217	10,774	13,528	18,407	17,779	17,612	15,076	13,040	10,257
TIER 3	1,924	2,164	1,253	2,357	4,175	6,328	10,230	9,072	10,030	6,907	4,838	3,766
Customer	10,534	10,537	10,500	10,106	10,645	10,272	10,452	10,658	10,491	10,509	11,141	11,032
CCF/Cust	9	8	7	9	10	11	12	12	12	11	10	9
Sprinkler 1 1/2" TO 1"												
TIER 1	6	21	13	28	13	35	13	38	13	34	9	25
TIER 2	-	-	-	8	8	8	8	8	8	8	8	8
TIER 3	-	-	-	2	6	6	17	10	8	-	-	-
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Cust	3	11	7	19	14	25	19	28	15	17	5	13
Sprinkler 1" TO 3/4"												
TIER 1	502	268	460	291	565	349	607	359	491	334	534	378
TIER 2	25	6	33	12	38	45	40	38	40	61	25	25
TIER 3	-	-	-	-	-	23	-	25	-	7	14	8
Customer	52	53	53	52	58	55	55	55	55	55	60	59
CCF/Cust	10	5	9	6	10	8	12	8	10	7	10	7
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	882	638	793	714	1,005	766	952	816	1,036	795	1,074	750
TIER 2	17	2	6	17	48	51	74	57	34	67	17	17
TIER 3	5	-	-	-	1	30	69	26	30	10	35	2
Customer	115	117	117	110	122	118	122	126	124	123	129	129
CCF/Cust	8	5	7	7	9	7	9	7	9	7	9	6
Sprinkler 2" TO 1"												
TIER 1	13	3	13	13	13	13	13	13	13	13	13	13
TIER 2	2	-	4	8	8	8	8	8	8	8	8	8
TIER 3	-	-	-	32	22	25	44	19	29	29	16	26
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Cust	15	3	17	53	43	46	65	40	50	50	37	47

DISCONNECT REPORT
2017

	# OF DISCONNECTION NOTICE SENT		DISCONTINUED FOR NON PAYMENT		RESTORE AFTER DISCONTINUANCE	
	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW
Arden Cordova CSA						
January	473	46	59	1	50	1
February	436	63	35	4	29	4
March	336	35	41	4	34	3
April	534	79	56	3	33	2
May	445	44	56	5	41	4
June	519	79	86	14	73	13
July	513	40	33	5	30	4
August	745	115	60	6	46	5
September	600	62	35	1	31	1
October	704	112	64	5	47	4
November	707	74	98	7	76	7
December	1,018	138	144	12	106	10
Bay Point CSA						
January	512	123	55	12	50	11
February	433	117	40	2	36	2
March	514	126	65	12	57	12
April	475	121	28	4	27	4
May	535	142	48	6	42	6
June	588	136	56	8	42	8
July	538	132	58	15	55	15
August	670	168	75	10	56	7
September	726	190	70	13	58	11
October	630	183	107	23	99	21
November	616	151	74	17	64	15
December	544	113	68	13	64	12
Clearlake CSA						
January	306	57	38	1	23	1
February	241	53	3		2	
March	277	52	34		23	
April	242	51	19	3	15	3
May	241	47	7	2	3	1
June	305	42	33	2	28	1
July	255	39	20	1	14	1
August	357	65	47	6	29	6
September	320	53	27	1	19	1
October	337	62	35	3	24	3
November	363	53	40	3	34	3
December	369	62	59	8	42	6

DISCONNECT REPORT
2017

	# OF DISCONNECTION NOTICE SENT		DISCONTINUED FOR NON PAYMENT		RESTORE AFTER DISCONTINUANCE	
	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW
Los Osos CSA						
January	96	14	16	2	15	1
February	71	20	17	3	17	3
March	51	7	8	1	5	
April	118	28	19	1	17	1
May	56	7	5		4	
June	138	28	17		16	
July	33	2	8		6	
August	121	30	19	2	16	2
September	140	17	24	5	17	3
October	91	21	9	2	9	2
November	91	11	10		9	
December	82	21	11	2	8	2
Ojai CSA						
January	150	24	25	4	19	3
February	94	11	23	4	18	4
March	90	20	21	6	18	6
April	124	13	20		16	
May	117	18	23	5	20	5
June	46	5	4		3	
July						
August						
September						
October						
November						
December						
Santa Maria CSA*						
January	616	126	120	17	107	16
February	408	102	59	9	57	9
March	454	112	100	12	86	9
April	426	94	76	15	70	14
May	591	135	108	15	90	11
June	751	176	89	8	79	8
July	714	140	98	19	85	19
August	942	215	130	26	113	22
September	914	177	128	22	119	22
October	879	180	156	29	138	25
November	857	161	113	25	98	20
December	719	146	38	5	30	5

DISCONNECT REPORT
2017

	# OF DISCONNECTION NOTICE SENT		DISCONTINUED FOR NON PAYMENT		RESTORE AFTER DISCONTINUANCE	
	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW
Simi Valley CSA						
January	684	117	99	16	95	16
February	431	79	78	14	77	14
March	481	84	75	10	73	10
April	601	116	85	18	80	17
May	546	99	77	11	66	10
June	632	98	114	15	106	15
July	496	81	51	4	39	3
August	605	97	105	15	92	14
September	596	119	115	23	110	22
October	629	127	139	31	130	29
November	578	118	102	15	94	14
December	564	79	70	14	62	13
Region 2						
January	7,321	1,898	1,219	213	877	152
February	5,740	1,363	767	136	599	120
March	6,147	1,530	999	167	735	121
April	6,010	1,485	1,144	230	712	145
May	6,526	1,823	1,175	236	525	94
June	6,739	1,835	1,149	213	591	108
July	5,800	1,529	448	94	249	47
August	8,386	2,116	1,518	279	1,003	202
September	8,510	2,329	777	169	593	131
October	8,686	2,355	1,582	366	1,360	329
November	7,924	1,987	1,403	309	1,090	246
December	7,241	1,859	1,166	262	998	230
Region 3						
January	4,195	742	608	65	449	46
February	3,117	503	383	33	295	28
March	3,322	584	563	51	429	45
April	3,402	628	434	54	320	46
May	3,374	600	399	41	255	28
June	4,231	678	518	40	260	23
July	3,510	575	427	47	235	24
August	4,182	683	510	59	301	44
September	4,500	878	594	90	362	52
October	4,878	934	648	92	442	60
November	4,443	801	611	89	403	54
December	4,636	857	586	101	367	63

* Note: Santa Maria data does include Cypress Ridge

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Arden Cordova CSA												
Household Size: 5												
Customer	45	72	46	74	43	79	37	84	43	86	44	86
CCF	758	1299	739	1969	1556	3951	1310	3904	1354	3564	1082	2052
Household Size: 6												
Customer	27	36	32	37	28	37	28	42	29	41	30	39
CCF	660	919	693	1108	1340	1910	1209	2003	1364	1668	850	1018
Household Size: 7												
Customer	13	23	12	22	14	21	14	20	16	21	17	20
CCF	343	487	273	738	682	923	687	1017	651	881	489	474
Household Size: 8												
Customer	3	6	3	7	2	9	1	12	4	12	4	11
CCF	100	153	75	272	136	407	73	656	261	541	170	313
Household Size: 9												
Customer	1	4	1	3	1	3	1	4	2	3	2	3
CCF	57	145	48	228	40	114	26	206	135	152	108	111

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Bay Point CSA												
Household Size: 5												
Customer	186	188	183	182	180	177	163	175	174	171	170	168
CCF	1,481	1,341	1,257	1,155	652	1,649	662	1,456	1,803	1,508	1,401	1,285
Household Size: 6												
Customer	83	84	81	79	78	80	71	75	75	74	74	75
CCF	750	661	622	596	276	891	359	663	873	712	677	678
Household Size: 7												
Customer	38	38	34	34	34	34	31	34	36	37	36	36
CCF	386	316	268	255	159	375	150	317	422	357	341	339
Household Size: 8												
Customer	20	21	20	20	20	21	18	18	18	18	19	19
CCF	216	198	191	184	94	316	139	223	245	224	230	203
Household Size: 9												
Customer	5	5	5	5	5	5	4	4	4	4	5	5
CCF	70	65	60	42	53	66	20	43	51	51	74	61
Household Size: 10												
Customer	5	5	5	5	5	4	3	2	3	3	3	3
CCF	55	52	48	51	20	42	15	21	37	27	29	31
Household Size: 10+												
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF	64	55	54	53	39	67	42	64	71	64	45	81

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Clearlake CSA												
Household Size: 5												
Customer	33	33	34	33	32	32	33	33	34	33	35	33
CCF	237	185	177	174	182	262	303	338	318	279	253	190
Household Size: 6												
Customer	15	16	15	16	16	15	15	12	12	12	11	13
CCF	100	116	87	100	95	129	154	111	116	99	77	74
Household Size: 7												
Customer	11	11	11	11	11	11	13	14	16	16	16	14
CCF	110	99	91	115	108	131	172	151	193	167	141	115
Household Size: 8												
Customer	2	1	2	2	2	2	1	1	2	2	2	2
CCF	12	7	9	11	10	25	24	23	29	23	13	5
Household Size: 9												
Customer	1								1	1	1	1
CCF	6								10	11	14	10
Household Size: 10												
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF	5	4	2	3	5	4	6	4	3	5	3	2

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Los Osos CSA												
Household Size: 5												
Customer	2	5	4	5	4	6	3	6	3	5	3	5
CCF	-	2	60	67	2	19	41	112	38	90	43	80
Household Size: 6												
Customer	2	3	4	3	3	3	3	3	3	2	4	2
CCF	-	9	58	52	1	6	37	41	28	27	47	29
Household Size: 7												
Customer	2		3		2		2	1	2	1	3	1
CCF	-		52		8		40	9	41	20	48	16
Ojai CSA												
Household Size: 5												
Customer	6	11	6	12	6	18						
CCF	94	194	83	206	-	190						
Household Size: 6												
Customer	4	6	5	6	5	11						
CCF	69	91	67	56	-	128						
Household Size: 7												
Customer		2		2		2						
CCF		80		-		33						
Household Size: 8												
Customer	2		2		2	2						
CCF	63		43		16	30						

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Santa Maria CSA*												
Household Size: 5												
Customer	166	166	166	166	163	162	158	164	164	159	162	162
CCF	1,778	1,620	1,742	2,093	2,279	2,635	2,772	2,489	2,817	2,238	2,451	1,994
Household Size: 6												
Customer	97	97	96	97	92	92	96	98	98	96	94	94
CCF	1,197	1,045	1,017	1,418	1,439	1,715	2,040	1,828	1,950	1,674	1,570	1,264
Household Size: 7												
Customer	33	33	31	33	36	36	37	37	37	37	38	38
CCF	374	344	352	481	523	613	711	602	610	530	581	481
Household Size: 8												
Customer	21	21	20	20	22	22	22	23	25	24	24	25
CCF	284	245	233	292	330	429	417	380	470	329	332	340
Household Size: 9												
Customer	11	11	11	9	8	9	10	11	11	11	11	11
CCF	116	113	112	108	104	132	187	178	185	181	202	171
Household Size: 10												
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF	43	46	45	59	59	88	81	78	93	46	68	46
Household Size: 10+												
Customer	5	5	5	5	5	5	5	5	5	5	6	6
CCF	70	54	52	70	87	115	129	88	107	122	116	111

*Note: Santa Maria data does include Cypress Ridge

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
Simi Valley CSA												
Household Size: 5												
Customer	84	110	84	108	84	112	80	107	78	108	80	103
CCF	1,992	2,147	1,647	1,111	379	2,137	1,174	868	1,948	3,147	2,176	2,492
Household Size: 6												
Customer	66	51	67	50	65	51	61	52	61	55	62	49
CCF	1,465	1,047	1,199	702	309	979	1,042	449	1,661	1,640	1,838	1,277
Household Size: 7												
Customer	21	27	23	27	25	26	22	25	22	23	22	22
CCF	523	467	496	238	156	498	336	169	594	637	650	575
Household Size: 8												
Customer	10	16	10	15	11	16	12	15	11	14	11	12
CCF	295	382	258	259	85	198	220	105	401	487	362	360
Household Size: 9												
Customer	5	8	5	8	3	8	2	8	2	8	2	7
CCF	104	253	98	130	22	154	79	78	94	287	60	268
Household Size: 10												
Customer	4	4	4	4	4	4	4	3	3	3	5	3
CCF	153	115	138	75	49	91	80	30	153	115	244	112
Household Size: 10+												
Customer	6	3	6	3	5	4	5	4	4	4	4	4
CCF	214	105	171	91	29	198	87	142	178	232	175	224

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 2												
Household Size: 5												
Customer	2,974	2,969	2,897	2,887	2,889	2,868	2,803	2,845	2,854	2,850	2,833	2,844
CCF	30,343	26,839	26,133	25,994	27,401	35,320	18,634	25,027	37,344	32,707	33,171	30,945
Household Size: 6												
Customer	1,855	1,851	1,791	1,795	1,803	1,783	1,731	1,769	1,785	1,765	1,755	1,775
CCF	21,294	18,866	18,365	18,242	18,917	23,540	13,004	16,762	25,117	21,940	22,408	21,044
Household Size: 7												
Customer	813	811	784	786	808	806	783	799	800	790	791	794
CCF	10,283	9,251	8,680	8,907	9,582	12,083	7,090	8,412	12,208	10,640	10,703	10,228
Household Size: 8												
Customer	419	419	409	412	410	411	402	417	420	419	413	418
CCF	5,706	5,106	4,856	5,027	5,256	6,496	3,993	4,842	7,095	6,306	6,405	5,906
Household Size: 9												
Customer	186	185	181	181	184	180	177	183	182	179	179	184
CCF	2,851	2,470	2,405	2,486	2,670	3,085	1,917	2,306	3,229	2,763	2,877	2,681
Household Size: 10												
Customer	89	89	85	85	86	85	89	88	87	86	85	85
CCF	1,306	1,131	1,073	1,087	1,155	1,524	1,003	1,121	1,646	1,428	1,442	1,345
Household Size: 10+												
Customer	87	87	83	83	81	83	80	81	83	81	79	81
CCF	1,514	1,383	1,209	1,301	1,383	1,610	1,151	1,269	1,803	1,500	1,471	1,415

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2017

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 3												
Household Size: 5												
Customer	923	879	898	856	898	848	858	845	866	852	890	831
CCF	14,213	13,154	12,611	11,086	4,737	10,733	7,552	7,848	17,251	17,556	17,119	15,402
Household Size: 6												
Customer	542	475	524	459	511	451	491	465	502	478	509	459
CCF	10,241	7,967	8,731	6,786	3,561	6,625	6,463	5,229	11,822	11,205	11,650	9,287
Household Size: 7												
Customer	259	238	255	233	248	232	240	233	243	230	247	233
CCF	5,547	4,843	4,765	4,167	2,087	3,991	3,545	3,376	6,248	6,502	6,298	5,615
Household Size: 8												
Customer	117	91	117	89	110	94	109	97	114	98	115	95
CCF	2,483	1,759	2,426	1,336	1,134	1,583	1,678	1,129	3,152	2,484	2,819	2,127
Household Size: 9												
Customer	50	50	48	50	46	48	38	47	38	50	39	46
CCF	1,063	1,176	903	990	408	982	678	804	1,323	1,572	1,119	1,330
Household Size: 10												
Customer	25	16	26	16	27	18	28	20	28	20	30	20
CCF	669	368	678	317	275	304	577	381	862	695	829	688
Household Size: 10+												
Customer	26	28	25	26	23	23	21	21	22	22	21	22
CCF	1,161	758	862	722	1,165	711	1,183	718	1,623	881	1,390	690

CARW BILL COMPARISON

REGION 1 - ARDEN CORDOVA

CARW Monthly Bill with 5/8" at 10 ccf (2017 CARW Average)

	Current*
Service Charge	\$ 8.72
Tier 1 (10 Ccf @ \$1.770)	\$ 17.70
CARW Discount	\$ (6.00)
Water Quality Litigation Memo (10 ccf @ \$0.266)	\$ 2.66
Meter Retrofit (AL#1510-W) (\$0.75/mo.)	\$ 0.75
Well Study Balancing Account (10 ccf @ \$0.007)	\$ 0.07
Pension and Benefits Balancing Account (10 ccf @ \$0.065)	\$ 0.65
Water Conservation Balancing Account (10 ccf @ \$0.012)	\$ 0.12
Water Conservation Memo Account (10 Ccf @ \$0.02128)	\$ 0.21
Interim Rates (10 ccf @ \$0.103)	\$ 1.03
WRAM/MCBA Surcharge (10 ccf @ \$0.046)	\$ 0.46
GSWC Total	\$ 26.37
% Impact of WRAM/MCBA Surcharge on Monthly Bill	1.74%

*Current rate as of March 14, 2018

CARW BILL COMPARISON

REGION 1 - BAY POINT

CARW Monthly Bill with 5/8" at 8 Ccf (2017 CARW Average)

	Current*
Service Charge	\$ 18.99
Tier 1 (8 Ccf @ \$5.635)	\$ 45.08
CARW Discount	\$ (17.00)
Well Study Balancing Account (8 ccf @ \$0.007)	\$ 0.06
Water Conservation Balancing Account (8 Ccf @ \$0.012)	\$ 0.10
Mandatory Conservation MA (8 Ccf @ \$0.017)	\$ 0.14
Water Quality Memo Account (8 Ccf @ \$0.013)	\$ 0.10
Water Conservation Memo Account (8 Ccf @ \$0.01207)	\$ 0.10
Multi BA and Memo Accounts (8 ccf @ \$0.084)	\$ 0.67
Interim Rates (8 ccf @ \$0.233)	\$ 1.86
WRAM/MCBA Surcharge (8 Ccf @ \$0.550)	\$ 4.40
GSWC Total	\$ 54.49
% Impact of WRAM/MCBA Surcharge on Monthly Bill	8.07%

*Current rate as of March 14, 2018

CARW BILL COMPARISON

REGION 1 - LOS OSOS

CARW Monthly Bill with 5/8" at 4 ccf (2017 CARW Average)

	Current*
Service Charge	\$ 24.48
Tier 1 (4 ccf @ \$9.629)	\$ 38.52
CARW Discount	\$ (28.00)
Los Osos Interlocutory Stip Judge Memo Account (4 ccf @ \$0.660)	\$ 2.64
Groundwater Adjudication Memo Account (4 ccf @ \$0.891)	\$ 3.56
Well Study Balancing Account (4 ccf @ \$0.007)	\$ 0.03
Water Conservation Balancing Account (4 Ccf @ \$0.012)	\$ 0.05
Multi BA and Memo Accounts (4 ccf @ \$0.009)	\$ 0.04
Interim Rates (4 ccf @ \$0.839)	\$ 3.36
WRAM/MCBA Surcharge (4 ccf @ \$2.397)	\$ 9.59
GSWC Total	\$ 54.26
	17.67%

*Current rate as of March 14, 2018

CARW BILL COMPARISON

REGION 1 - SANTA MARIA

CARW Monthly Bill with 5/8" at 11 ccf (2017 CARW Average)

	Current*
Service Charge	\$ 17.59
Tier 1 (11 ccf @ \$2.924)	\$ 32.16
CARW Discount	\$ (10.00)
SMWRMA - SMWR Memo Acct Surcharge (11 ccf @ \$0.124)	\$ 1.36
Steelhead Recovery Memo Account (11 Ccf @ \$0.018)	\$ 0.20
Well Study Balancing Account (11 ccf @ \$0.007)	\$ 0.08
Pension and Benefits Balancing Account (11 ccf @ \$0.065)	\$ 0.72
Water Conservation Balancing Account (11 Ccf @ \$0.012)	\$ 0.13
Multi BA and Memo Accounts (11 ccf @ \$0.002)	\$ 0.02
Interim Rates (11 ccf @ \$0.208)	\$ 2.29
WRAM/MCBA Surcharge (11 ccf @ \$0.562)	\$ 6.18
	\$ 50.73
% Impact of WRAM/MCBA Surcharge on Monthly Bill	12.19%

*Current rate as of March 14, 2018

CARW BILL COMPARISON

REGION 1 - SIMI VALLEY

CARW Monthly Bill with 5/8" at 11 ccf (2017 CARW Average)

	Current*
Service Charge	\$ 17.69
Tier 1 (11 Ccf @ \$3.742)	\$ 4.12
CARW Discount	\$ (12.00)
Well Study Balancing Account (11 ccf @ \$0.007)	\$ 0.08
Water Conservation Balancing Account (11 Ccf @ \$0.012)	\$ 0.13
Multi BA and Memo Accounts (11 ccf @ \$0.011)	\$ 0.12
WRAM/MCBA Surcharge (11 Ccf @ \$0.152)	\$ 1.67
GSWC Total	\$ 11.81
% Impact of WRAM/MCBA Surcharge on Monthly Bill	14.16%

*Current rate as of March 14, 2018

CARW BILL COMPARISON

REGION 2

CARW Monthly Bill with 5/8" at 10 Ccf (2017 CARW Average)

	Current*
Service Charge	\$ 17.19
Tier 1 (10 Ccf @ \$4.016)	\$ 40.16
CARW Discount	\$ (12.00)
Well Study Balancing Account (10 ccf @ \$0.007)	\$ 0.07
Water Conservation Balancing Account (10 Ccf @ \$0.012)	\$ 0.12
Water Conservation Memo Account (10 Ccf @ \$0.00967)	\$ 0.10
Outside Services Memo Account (10 ccf @ \$0.007)	\$ 0.07
Omega Super Fund Site Memo Account (10 ccf @ \$0.003)	\$ 0.03
Interim Rates (10 ccf @ \$0.068)	\$ 0.68
Interim Rate Credit	\$ (2.18)
WRAM/MCBA Surcharge (10 Ccf @ \$.522)	\$ 5.22
GSWC Total	\$ 49.46
% Impact of WRAM/MCBA Surcharge on Monthly Bill	10.55%

*Current rate as of March 14, 2018

CARW BILL COMPARISON

REGION 3

CARW Monthly Bill with 5/8" at 10 Ccf (2017 CARW Average)

	Current*
Service Charge	\$ 15.60
Tier 1 (10 Ccf @ \$3.899)	\$ 38.99
CARW Discount	\$ (13.00)
Well Study Balancing Account (10 ccf @ \$0.007)	\$ 0.07
Water Conservation Balancing Account (10 Ccf @ \$0.012)	\$ 0.12
Water Conservation Memo Account (10 Ccf @ \$0.01606)	\$ 0.16
Ratebase Account (10 ccf @ \$0.005)	\$ 0.05
Orange County Annexation Memo Account (10 ccf @ \$0.016)	\$ 0.16
Barstow Water Alert Memo Account (10 ccf @ \$0.003)	\$ 0.03
R3 interim Rate Memo Account (10 ccf @ \$0.117)	\$ 1.17
Multi BA and Memo Accounts (10 ccf @ \$0.005)	\$ 0.05
Interim Rates (10 ccf @ \$0.257)	\$ 2.57
WRAM/MCBA Surcharge (10 Ccf @ 0.170)	\$ 1.70
GSWC Total	\$ 47.67
% Impact of WRAM/MCBA Surcharge on Monthly Bill	3.57%

*Current rate as of March 14, 2018

REPORT NOTES:

1. Low-Income Data only includes metered residential customers
2. Santa Maria data includes Cypress Ridge as of April 2017
3. All customers in disconnnet report includes CARW and non-CARW

ATTACHMENT E-3 Part 2
INFORMATION-ONLY FILING
LOW-INCOME DATE REPORT

GSWC AFFORDABILITY PROGRAMS

2017

This report identifies the 2017 Affordability Programs updates previously provided documenting 2009 – 2016.

Participating low-income customer inclusions in conservation programs offered by water utility:

- Describe the water conservation program by ratemaking district(s),
- Identify whether it is offered with a third party,
- Specify how low-income customers are targeted by or included in the program,
- Describe outreach efforts used to reach low-income program participants (application, re-certification, separate outreach),
- How long has the program been offered, and
- What criteria are used to establish the success of the program.

As of December 31, 2017, GSWC had 43,083 registered California Alternate Rates for Water (CARW) customers that receive billing reductions on a monthly or bi-monthly basis. A variety of programs have been implemented that have specifically used the CARW list to ensure that they are made aware of the incentives and services with the expectation that they will participate. Some programs have specifically targeted the CARW participants or have been implemented in what may be considered economically disadvantaged communities to address equity in program offerings.

- High Efficiency Conservation Kit order cards are provided through all of our CSA offices to customers that request them and are specifically offered to customers that express issues with affordability and the need to control water use and costs.
- Describe the water conservation program by ratemaking district(s),
 - Available in all districts
- Identify whether it is offered with a third party,
 - Offered by GSWC
- Specify how low-income customers are targeted by or included in the program,

- Targeted via bill messaging and GSWC website
 - Available to all customers
- Describe outreach efforts used to reach low-income program participants (application, re-certification, separate outreach),
 - Bill inserts
 - Newspaper ads
 - Information in CSA Offices
 - GSWC Website
- How long has the program been offered, and
 - Program has been offered since 2007
- What criteria are used to establish the success of the program.
 - Reduced water usage
 - Continued participation in the program
 - Positive customer feedback
 - No CARW or other affordability criteria was tracked.
- Free residential water audits are available to all customers. This program does not specifically target CARW customers but is available to them especially if they have high bill issues or suspect a leak. At the time of the audit High Efficiency Showerhead kits and other water use efficiency information is left with the customer.
- Describe the water conservation program by ratemaking district(s),
 - Available in all districts
- Identify whether it is offered with a third party,
 - Offered by GSWC – Third party is used to perform audits
- Specify how low-income customers are targeted by or included in the program,
 - Available to all customers
 - High Bill Investigations
 - Customer suspects leak
- Describe outreach efforts used to reach low-income program participants (application, re-certification, separate outreach),
 - Bill inserts

- GSWC Website
- How long has the program been offered, and
 - Program has been offered since 2009
- What criteria are used to establish the success of the program.
 - Continued requests for audits
 - Positive customer feedback
 - Reduced water usage
- No CARW or other affordability criteria are tracked.

Free HET distribution events have largely been discontinued by GSWC partners as well as GSWC. This is due to estimated high saturation rates among residential customers of 1.6 GPF or less toilets. Also, regional wholesale partners have significantly reduced the incentives for funding co-participation, which makes these events not cost effective.

GSWC instead favors implementing variations of the Toilet Direct Program where PHET units, showerheads and aerators are delivered to the residence for either self-install or contractor install.

These distribution programs have been implemented since 1992 in the Metropolitan Water District region.

- In 2017 no events were conducted by GSWC or its wholesale partners.
- Identify whether it is offered with a third party,
 - Offered by GSWC – Third party is used to perform distributions
- Specify how low-income customers are targeted by or included in the program,
 - Available to all customers
- Describe outreach efforts used to reach low-income program participants (application, re-certification, separate outreach),
 - Direct mailers
 - Bill inserts
 - Newspaper ads
 - GSWC Website
 - Door to Door Advertising (Limited areas)
- How long has the program been offered, and
 - Program has been offered since 1992

- What criteria are used to establish the success of the program?
 - Positive Customer feedback
 - Reduced water usage
 - Continued participation in the program.

- No CARW or other affordability criteria was tracked in 2009, GSWC implemented a pilot conservation program called "Toilet Direct® that specifically was promoted to CARW customers in hard-to-reach communities as well as top 10% high users. In this program qualified customers can register to receive up to 2 HETs/UHETs, installation products and seats, and high efficiency showerhead kits delivered to their home by FedEx®. Customers were provided with the opportunity to participate with the option to register online or by calling a toll-free number. The program was promoted through direct mail. This program was not offered in 2017.

- Identify whether it is offered with a third party,
 - Offered by GSWC – Third party was used to distribute and install units.

- Specify how low-income customers are targeted by or included in the program,
 - Available to all customers
 - CARW customers were targeted first

- Describe outreach efforts used to reach low-income program participants (application, re-certification, separate outreach),
 - Direct Mail

- How long has the program been offered, and
 - Program has been offered since 2011

- What criteria are used to establish the success of the program.
 - Positive customer feedback
 - Continued participation in the program
 - Reduced water usage
 - CARW customer participation has not been determined at this time.

Please provide copies of the company's written protocol, if such written protocol exists, regarding how and when it determines to engage in outreach to customers regarding the existence of its affordability program. If a written protocol does not exist, please comprehensively describe the company's outreach activities conducted in the past 3 years regarding each of the affordability programs described in response to question 1.

No written protocol exists regarding the implementation of water use efficiency programs

with CARW customers. However, programs are designed and marketed to make sure that these customers have access to all appropriate programs at affordable levels such as providing free products and services. Also, GSWC applies the direction of the CPUC in the latest settlement agreement to encourage CARW customer access to programs.

As described in the program descriptions in Question 1, some programs specifically target CARW customers while others provide direct marketing to all customers and provide no cost/low cost products and services.

Golden State Water Company

Annual Conservation Report 2017

In continuing with Decision 13-05-011 – attached is Golden State Water Company’s 2017 Annual Report that includes settlement language, data and responses per the settlement agreement.

Attachment 1 Annual Report, Schedule E-3

Description of Water Conservation Programs

Brief description of each water conservation program offered by the water company, by ratemaking area.

Arden Cordova

- **School Education Program**
 - Golden State Water Company (GSWC) conducts school conservation education programs throughout the company. Conservation education programs are a California Urban Water Conservation Council (CUWCC) foundational Best Management Practice (BMP). GSWC’s program includes classroom education and the distribution and installation of water saving conservation kits to students who participate.
 - Students take pre and post quizzes to demonstrate what they have learned as a measurement of effectiveness and receive high-efficiency water conservation kits to take home with instructions to get parent/guardian assistance to install.
 - Kits include:
 - Home water-use survey
 - 1.5 GPM high-efficiency showerhead
 - 2 – 1 GPM bathroom aerators
 - 1.5 GPM kitchen aerator
 - Toilet leak dye tablets
 - Instruction and conservation tips material
 - Resource Action Programs contractor
- **Premium High-Efficiency Toilet Rebate Program**

- Starting in 2016, Golden State Water Company offered its residential customers rebates of up to \$75 for qualified Premium High Efficiency Toilets (PHET) with a limit of two (2) per household. Only EPA WaterSense® certified PHETs are rebated for both residential and commercial customers. Rebates are processed in-house by GSWC staff.
 - High Efficiency Toilets (1.28 gallons per flush (gpf)) are current plumbing code in California and have achieved market transformation.
 - WaterSense® certified PHETs that flush 1.06 gpf are readily available on the market to achieve 20% greater savings than a HET.
 - GSWC uses the list compiled and updated through the Metropolitan Water District (MWD) www.socalwatersmart.com program.
- **High Efficiency Clothes Washer Program**
 - Golden State Water Company offers its residential customers rebates of up to \$80 for qualified High-Efficiency Clothes Washers (HECW). Rebates are processed in-house by GSWC staff.
 - Consortium for Energy Efficiency (CEE) approved list for Tier 3 or better water factor (gallons per cycle per cubic foot).
 - GSWC uses the list compiled and updated through the Metropolitan Water District (MWD) www.socalwatersmart.com program.
- **Partnership Program – Residential/Regional**
 - Golden State Water Company (GSWC) participates in partnership conservation programs with the Regional Water Authority (RWA) and the Sacramento Municipal Utilities District (SMUD) to promote regional conservation programs, take advantage of grant funding, and help lower conservation program costs through economies of scale. GSWC’s residential customers can participate in conservation programs that include;
 - Regional marketing opportunities
 - Blue Thumb
 - Master Gardener Program
- **Commercial PHET Direct Install Program Pilot**
 - In order to address the customer sector with low plumbing fixture retrofit rates and typically older, higher water use appliances, GSWC started this pilot program to change out older, higher use toilets, showerheads, and aerators in

commercial (hotel/motel) and multifamily properties.

- Pre-qualified licensed contractors solicit customers to participate for a flat rebate fee of \$250 for each qualified PHET installed. The fee also covers the cost of any appropriate retrofit of high-efficiency showerheads (1.5 GPM), high-efficiency bath aerators (1 GPM) and kitchen aerators (1.5 GPM).
- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water Conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
 - Conservation Miscellaneous & Promotional Items – Include public information in the form of, water conservation bill messaging, conservation literature and small promotional items (pens, pencils, bags, shower timers, etc.) with printed water conservation reminders.
- **Outdoor Conservation Devices**
 - Golden State Water Company offers all of its residential customers free drip irrigation kits and water saving hose nozzles. Drip irrigation applies water only where it is needed, with less runoff and evaporation. Studies on drip irrigation systems show results of up to 60% more efficiency over traditional sprinkler systems. The water saving hose nozzles automatically shut off and include water saving spray settings enabling more water efficiency with less water waste. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
- **Weather Based Irrigation Controller Rebate Program**
 - Golden State Water Company offers its residential, commercial, and large landscape customers rebates for qualified Weather Based Irrigation Controllers (WBIC). The rebates are processed in-house.
 - \$80 for residential or properties < 1 acre
 - \$25 per operating valve for properties > 1 acre
 - WBIC Rebate Program started in 2011
- **Audits**

- **CII & Large Landscape** - GSWC offers large landscape audits to large water users. The purpose of the program is to provide customers with information about their irrigation system, distribution uniformity; water usage based on Evapotranspiration, and identified necessary irrigation deficiencies and irrigation repairs. The audit reports include recommendations and estimated water and cost savings associated with the recommendations and repairs.
 - GSWC program implemented by contractor
 - **Single-Family Residential Audits** – Single-family residential audits are available to all residential customers. The audits are intended to help customers reduce indoor and outdoor water use. Residential audits are designed to identify possible leaks (indoor and outdoor), recommend water conserving devices, assess irrigation efficiency and determine proper landscape watering based on Evapotranspiration. The audit reports include recommendations and estimated water and cost savings associated with the recommendations and repairs.
 - GSWC program implemented by contractor
 - **Efficient Sprinkler Nozzle Rebate**
 - \$4 per nozzle with minimum purchase of 15
 - Nozzles must be on approved product list
 - **Large Landscape Efficient Sprinkler Rotors Rebate**
 - \$13 per pair for approved products
 - **Free Sprinkler Nozzles Program - Residential & Commercial**
 - GSWC discontinued the program in 2015 due to reports of low residential installation rates.
 - **Turf Removal Rebate Program**
 - GSWC discontinued its program when the State initiated the SaveOurWaterRebates.com (SOWR) program for turf removal and HETs.
 - SOWR provides up to \$1 per square foot replaced in areas that did not have a rebate that exceeded \$2 per sq. ft.
 - **Public Information**
 - GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website www.gswater.com to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA Offices.

Bay Point

- **Partnership Program – Residential/Commercial/Large Landscape**
 - Golden State Water Company (GSWC) participates in partnership conservation programs with Contra Costa Water District (CCWD) to promote regional conservation programs, take advantage of grant funding, and help lower conservation program costs through economies of scale. GSWC's residential customers can participate in various conservation programs.
 - Offered with a Third Party – CCWD
 - <http://www.ccwater.com/157/Rebates>
 - Rebates
 - Lawn to Garden
 - Smart Irrigation Controller
 - Laundry to Landscape Greywater
 - Pool Cover
 - Flushometer Toilet & Urinal
 - Multi-Family & Commercial Clothes Washer
 - Commercial & Multi-Family Irrigation Equipment
- **School Education Programs**
 - Golden State Water Company (GSWC) conducts school conservation education programs throughout the company. Conservation education programs are a California Urban Water Conservation Council (CUWCC) foundational Best Management Practice (BMP). GSWC's program includes classroom education and the distribution and installation of water saving conservation kits to students who participate.
 - Students take pre and post quizzes to demonstrate what they have learned as a measurement of effectiveness and receive high-efficiency water conservation kits to take home with instructions for parents to assist and install.
 - Kits include:
 - Home Water-Use Survey
 - 1.5 GPM High-Efficiency Showerhead

- 2 – 1 GPM High-Efficiency Bathroom Aerators
 - 1.5 GPM High- Efficiency Kitchen Aerator
 - Toilet Leak Dye Tablets
 - Instruction and conservation tips material
- Resource Action Programs contractor
- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips. Customers can order the free kits from our local CSA Office; request a kit by calling our toll-free number or by requesting a kit on our www.gswater.com website, which is then mailed to them.
 - Conservation Miscellaneous & Promotional Items – includes public information in the form of water conservation bill messaging, conservation literature and small promotional items (pens, pencils, bags, shower timers, etc.) with printed water conservation reminders.
- **Outdoor Conservation Devices**
 - Golden State Water Company offers all of its residential customers free Drip Irrigation kits and water saving hose nozzles. Drip irrigation applies water only where it is needed, with less runoff and evaporation. Studies on drip irrigation systems show results of up to 60% more efficiency over sprinkler systems. The water saving hose nozzles automatically shut off and include water saving spray settings enabling more water efficiency with less water waste. Customers can order the free kits from our local CSA Office; request a kit by calling our toll-free number or by requesting a kit on our www.gswater.com website, which is then mailed to them.
- **Public Information**
 - GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website www.gswater.com to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA offices.

Clearlake

- **School Education Programs**

- Golden State Water Company (GSWC) conducts school conservation education programs throughout the company. Conservation education programs are a California Urban Water Conservation Council (CUWCC) foundational Best Management Practice (BMP). GSWC's program includes classroom education and the distribution and installation of water saving conservation kits to students who participate.
- Students take pre and post quizzes to demonstrate what they have learned as a measurement of effectiveness and receive high-efficiency water conservation kits to take home with instructions for parents to assist and install.
- Kits include:
 - Home Water-Use Survey
 - 1.5 GPM High-Efficiency Showerhead
 - 2 – 1 GPM High-Efficiency Bathroom Aerators
 - 1.5 GPM High- Efficiency Kitchen Aerator
 - Toilet Leak Dye Tablets
 - Instruction and conservation tips material
- Resource Action Programs contractor
- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
- **Outdoor Conservation Devices**
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mailed to them.

- **Public Information**
 - GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website www.gswater.com to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA Offices.

Los Osos

- **Partnership Program – Residential/Regional**
 - GSWC partners with the San Luis Obispo County Los Osos Water Conservation Program for customers to receive rebates for water efficient products and assist the local wastewater construction program. Customers apply directly with the County.
 - GSWC customers outside of the Wastewater Service Area can apply directly with GSWC.
- **School Education Programs**
 - Golden State Water Company (GSWC) conducts school conservation education programs throughout the company. Conservation education programs are a California Urban Water Conservation Council (CUWCC) foundational Best Management Practice (BMP). GSWC's program included classroom education and the distribution and installation of water saving conservation kits to students who participated.
 - Students take pre and post quizzes to demonstrate what they have learned as a measurement of effectiveness and receive high-efficiency water conservation kits to take home with instructions to get their parent's assistance to install.
 - Kits include:
 - Home water-use survey
 - 1.5 GPM high-efficiency showerhead
 - 2 – 1 GPM bathroom aerators
 - 1.5 GPM kitchen aerator
 - Toilet leak dye tablets
 - Instruction and conservation tips material

- Resource Action Programs contractor
- **Premium High Efficiency Toilet Rebate Program**
 - Golden State Water Company offers its residential customers rebates of up to \$75 for qualified Premium High Efficiency Toilets (PHET) with a limit of 2 per household. Only EPA WaterSense® certified PHETs are rebated for both residential and commercial customers. Rebates are process in-house by GSWC staff.
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **High Efficiency Clothes Washer Program**
 - Golden State Water Company offers its residential customers rebates of up to \$80 for qualified High-Efficiency Clothes Washers (HECW). Rebates are processed in-house.
 - Consortium for Energy Efficiency (CEE) approved list for Tier 3 or better water factor (gallons per cycle per cubic foot)
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
 - Conservation Miscellaneous & Promotional Items – includes public information in the form of water conservation bill messaging, conservation literature and small promotional items (pens, pencils, bags, shower timers, etc.) with printed water conservation reminders.
- **Outdoor Conservation Devices**
 - Golden State Water Company offers all of its residential customers free Drip Irrigation kits and water saving hose nozzles. Drip irrigation applies water only where it is needed, with less runoff and evaporation. Studies on drip irrigation systems show results of up to 60% more efficiency over sprinkler systems. The water saving hose nozzles automatically shut off and include water saving spray settings enabling more water efficiency with less water waste. Customers can

order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.

- **Weather Based Irrigation Controller Rebate Program**
 - Golden State Water Company offers its residential, commercial, and large landscape customers rebates for qualified Weather Based Irrigation Controllers (WBIC). The rebates are processed in-house.
 - \$80 for residential or properties < 1 acre
 - \$25 per operating valve for properties > 1 acre
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **Efficient Sprinkler Nozzle Rebate**
 - \$4 per nozzle with minimum purchase of 15
 - Nozzles must be on approved product list
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **Audits**
 - **CII & Large Landscape** - GSWC offers large landscape audits to large water users. The purpose of the program is to provide customers with information about their irrigation system, distribution uniformity; water usage based on Evapotranspiration, and identified necessary irrigation deficiencies and irrigation repairs. The audit reports made recommendations and showed estimated water and cost savings associated with the recommendations and repairs.
 - GSWC program implemented by contractor
 - **Single-Family Residential Audits** - Single-family residential audits are available to all residential customers. The audits are intended to help customers reduce indoor and outdoor water use. Residential audits are designed to identify possible leaks (indoor and outdoor), recommend water conserving devices, assess irrigation efficiency and determine proper landscape watering based on Evapotranspiration. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.
 - GSWC Program implemented by contractor

- **Public Information**
 - GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website www.gswater.com to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA Offices.

Ojai (System Sold in 2017)

- **School Education Programs**
 - Golden State Water Company (GSWC) conducts school conservation education programs throughout the company. Conservation education programs are a California Urban Water Conservation Council (CUWCC) foundational Best Management Practice (BMP). GSWC's program included classroom education and the distribution and installation of water saving conservation kits to students who participated.
 - Students take pre and post quizzes to demonstrate what they have learned as a measurement of effectiveness and receive high-efficiency water conservation kits to take home with instructions to get their parent's assistance to install.
 - Kits include:
 - Home water-use survey
 - 1.5 GPM high-efficiency showerhead
 - 2 – 1 GPM bathroom aerators
 - 1.5 GPM kitchen aerator
 - Toilet leak dye tablets
 - Instruction and conservation tips material
 - Resource Action Programs contractor
- **Premium High Efficiency Toilet Rebate Program**
 - Golden State Water Company offers its residential customers rebates of up to \$75 for qualified Premium High Efficiency Toilets (PHET). Only EPA WaterSense® certified PHET are rebated for both residential and commercial customers. Rebates are process in-house by GSWC staff.
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.

- **High Efficiency Clothes Washer Program**
 - Golden State Water Company offers its residential customers rebates of up to \$80 for qualified High-Efficiency Clothes Washers (HECW). Rebates are processed in-house.
 - Consortium for Energy Efficiency (CEE) approved list for Tier 3 or better water factor (gallons per cycle per cubic foot)
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **Weather Based Irrigation Controller Rebate Program**
 - Golden State Water Company offers its residential, commercial, and large landscape customers rebates for qualified Weather Based Irrigation Controllers (WBIC). The rebates are processed in-house.
 - \$80 for residential or properties < 1 acre
 - \$25 per operating valve for properties > 1 acre
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **Efficient Sprinkler Nozzle Rebate**
 - \$4 per nozzle with minimum purchase of 15
 - Nozzles must be on approved product list
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **Turf Removal Rebate Program**
 - GSWC discontinued the program when the State initiated the SaveOurWaterRebates.com (SOWR) program for turf removal and for HET's.
 - SOWR provides up to \$1 per square foot replaced in areas that did not have a rebate that exceeded \$2 per sq. ft.
- **Free Sprinkler Nozzles – Residential**
 - GSWC discontinued its participation in the program in 2015 due to low installation rates of residential nozzles per an MWD study and chose to only use the rebate program.

- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
 - Conservation Miscellaneous & Promotional Items – includes public information in the form of water conservation bill messaging, conservation literature and small promotional items (pens, pencils, bags, shower timers, etc.) with printed water conservation reminders.
- **Outdoor Conservation Devices**
 - Golden State Water Company offers all of its residential customers free Drip Irrigation kits and water saving hose nozzles. Drip irrigation applies water only where it is needed, with less runoff and evaporation. Studies on drip irrigation systems show results of up to 60% more efficiency over sprinkler systems. The water saving hose nozzles automatically shut off and include water saving spray settings enabling more water efficiency with less water waste. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
- **Single-Family Residential Audits** – Single-family residential audits are available to all residential customers. The audits are intended to help customers reduce indoor and outdoor water use. Residential audits are designed to identify possible leaks (indoor and outdoor), recommend water conserving devices, assess irrigation efficiency and determine proper landscape watering based on Evapotranspiration. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.
 - GSWC Program implemented by contractor
- **Public Information** – GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website www.gswater.com to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA Offices and on Ventura County's Water Wise Gardening Website.

Santa Maria

- **School Education Programs**
 - Golden State Water Company (GSWC) conducts school conservation education

programs throughout the company. Conservation education programs are a California Urban Water Conservation Council (CUWCC) foundational Best Management Practice (BMP). GSWC's program included classroom education and the distribution and installation of water saving conservation kits to students who participated.

- Students take pre and post quizzes to demonstrate what they have learned as a measurement of effectiveness and receive high-efficiency water conservation kits to take home with instructions to get their parent's assistance to install.
- Kits include:
 - Home water-use survey
 - 1.5 GPM high-efficiency showerhead
 - 2 – 1 GPM bathroom aerators
 - 1.5 GPM kitchen aerator
 - Toilet leak dye tablets
 - Instruction and conservation tips material
- Resource Action Programs contractor
- **Premium-High Efficiency Toilet Rebate Program**
 - Golden State Water Company offers its residential customers rebates of up to \$75 for qualified Premium High Efficiency Toilets (PHET). Only EPA WaterSense® certified PHET are rebated for both residential and commercial customers. Rebates are process in-house by GSWC staff.
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
 - Golden State Water Company offers its residential customers rebates of up to \$50 for qualified High-Efficiency Clothes Washers (HECW). Rebates are processed in-house.
 - Consortium for Energy Efficiency (CEE) approved list for Tier 3 or better water factor (gallons per cycle per cubic foot)
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **Free Sprinkler Nozzles – Residential & Commercial**
 - GSWC discontinued its participation in the program in 2015 due to low

installation rates of residential nozzles per an MWD study and chose to only use the rebate program.

- **Turf Removal Rebate Program**
 - GSWC discontinued the program when the State initiated the SaveOurWaterRebates.com (SOWR) program for turf removal and for HET's.
 - SOWR provides up to \$1 per square foot replaced in areas that did not have a rebate that exceeded \$2 per sq. ft.
- **Commercial PHET Direct Install Program Pilot**
 - In order to address the customer sector with low plumbing fixture retrofit rates and typically older, higher water use appliances, GSWC started this pilot program to change out older, higher use toilets, showerheads, and aerators in commercial (hotel/motel) and multifamily properties.
 - Pre-qualified licensed contractors solicit customers to participate for a flat rebate fee of \$250 for each qualified PHET installed. The fee also covers the cost of any appropriate retrofit of high-efficiency showerheads (1.5 GPM), high-efficiency bath aerators (1 GPM) and kitchen aerators (1.5 GPM).
- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
 - Conservation Miscellaneous & Promotional Items – includes public information in the form of water conservation bill messaging, conservation literature and small promotional items (pens, pencils, bags, shower timers, etc.) with printed water conservation reminders.
- **Outdoor Conservation Devices**
 - Golden State Water Company offers all of its residential customers free Drip Irrigation kits and water saving hose nozzles. Drip irrigation applies water only where it is needed, with less runoff and evaporation. Studies on drip irrigation systems show results of up to 60% more efficiency over sprinkler systems. The water saving hose nozzles automatically shut off and include water saving spray settings enabling more water efficiency with less water waste. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then

mailed to them.

- **Audits**
 - **CII Large Landscape** - GSWC is offering large landscape audits to large water users. The purpose of the program is to provide customers with information about their current irrigation system, distribution uniformity; water usage based on Evapotranspiration, and identifies necessary irrigation deficiencies and irrigation repairs. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.
 - GSWC Program implemented by contractor
 - **Single-Family Residential Audits** – Single-family residential audits are available to all residential customers. The audits are intended to help customers reduce indoor and outdoor water use. Residential audits are designed to identify possible leaks (indoor and outdoor), recommend water conserving devices, assess irrigation efficiency and determine proper landscape watering based on Evapotranspiration. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.
 - GSWC Program implemented by contractor
 - **Public Information** – GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA Offices.

Simi Valley

- **School Education Programs**
 - Golden State Water Company (GSWC) conducts school conservation education programs throughout the company. Conservation education programs are a California Urban Water Conservation Council (CUWCC) foundational Best Management Practice (BMP). GSWC's program included classroom education and the distribution and installation of water saving conservation kits to students who participated.
 - Students take pre and post quizzes to demonstrate what they have learned as a measurement of effectiveness and receive high-efficiency water conservation kits to take home with instructions to get their parent's assistance to install.
 - Kits include:

- Home water-use survey
- 1.5 GPM high-efficiency showerhead
- 2 – 1 GPM bathroom aerators
- 1.5 GPM kitchen aerator
- Toilet leak dye tablets
- Instruction and conservation tips material
- Resource Action Programs contractor
- Co-participate with Southern California Edison in Simi Valley
- **Partnership Program – Residential / Commercial / Industrial / Large Landscape**
 - Golden State Water Company (GSWC) participates in partnership conservation programs with the Metropolitan Water District of Southern California (MWDSC) as facilitated by Calleguas MWD to promote regional conservation programs, take advantage of grant funding, and help lower conservation program costs through economies of scale.
 - GSWC’s customers applying through www.socalwatersmart.com can participate in various rebate incentive programs that include:
 - Residential
 - PHET Rebate
 - HECW Rebate
 - Efficient Sprinkler Nozzle Rebate
 - Weather-Based Irrigation Controller Rebate
 - Soil Moisture Sensor System Rebate
 - Rain Barrel Rebate
 - Rain Cistern Rebate
 - Commercial/Institutional and Large Landscape Programs
 - PHET Rebate
 - Low Water/Zero Water Use Urinals
 - Connectionless Food Steamers
 - Air Cooled Ice Machines
 - Cooling Tower Conductivity Controllers
 - Dry Vacuum Pumps
 - Laminar Flow Restrictors
 - Irrigation Controllers
 - Rotating Nozzles for Pop-Up Spray Heads

- Large Rotary Nozzles
 - In-Stem Flow Regulators (Irrigation)
- Offered in partnership with a third Party – MWDSC
- Offerings vary by MWDSC Member Agency
- SoCal WaterSmart (EGIA) administration
- Programs offered historically since 2002
- **Water Savings Incentive Program (WSIP)**
 - WSIP Provides financial incentives for customized water efficiency projects including
 - Installation of commercial or industrial high-efficiency equipment
 - Industrial process improvements
 - Agricultural and landscape water efficiency improvements
 - Water management services
- **Free Sprinkler Nozzles – Residential & Commercial**
 - GSWC discontinued its participation in the program in 2015 due to low installation rates of residential nozzles per an MWD study and chose to only use the rebate program.
- **Commercial PHET Direct Install Program Pilot**
 - In order to address the customer sector with low plumbing fixture retrofit rates and typically older, higher water use appliances, GSWC started this pilot program to change out older, higher use toilets, showerheads, and aerators in commercial (hotel/motel) and multifamily properties.
 - Pre-qualified licensed contractors solicit customers to participate for a flat rebate fee of \$250 for each qualified PHET installed. The fee also covers the cost of any appropriate retrofit of high-efficiency showerheads (1.5 GPM), high-efficiency bath aerators (1 GPM) and kitchen aerators (1.5 GPM).
- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.

- Conservation Miscellaneous & Promotional Items – includes public information in the form of conservation water conservation bill messaging, conservation literature and small promotional items (pens, pencils, bags, shower timers, etc.) with printed water conservation reminders.
- **Outdoor Conservation Devices**
 - Golden State Water Company offers all of its residential customers free Drip Irrigation kits and water saving hose nozzles. Drip irrigation applies water only where it is needed, with less runoff and evaporation. Studies on drip irrigation systems show results of up to 60% more efficiency over sprinkler systems. The water saving hose nozzles automatically shut off and include water saving spray settings enabling more water efficiency with less water waste. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
- **Audits**
 - **CII Large Landscape** - GSWC is offering large landscape audits to large water users. The purpose of the program is to provide customers with information about their current irrigation system, distribution uniformity; water usage based on Evapotranspiration, and identifies necessary irrigation deficiencies and irrigation repairs. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.
 - GSWC Program implemented by contractor
 - **Single-Family Residential Audits** – Single-family residential audits are available to all residential customers. The audits are intended to help customers reduce indoor and outdoor water use. Residential audits are designed to identify possible leaks (indoor and outdoor), recommend water conserving devices, assess irrigation efficiency and determine proper landscape watering based on Evapotranspiration. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.
 - GSWC Program implemented by contractor
- **Public Information** – GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website www.gswater.com to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA Offices.

Region 2 - Metropolitan

- **School Education Programs**
 - Golden State Water Company (GSWC) conducts school conservation education programs throughout the company. Conservation education programs are a California Urban Water Conservation Council (CUWCC) foundational Best Management Practice (BMP). GSWC's program includes classroom education and the distribution and installation of water saving conservation kits to students who participate.
 - The programs target grades 5-6. Teachers are provided with materials and curriculum support that meets the California curriculum standards. Class presentations are also made by GSWC contractors.
 - Students take pre and post quizzes to demonstrate what they have learned as a measurement of effectiveness and receive high-efficiency water conservation kits to take home with instructions to get their parent's assistance to install.
 - Kits include:
 - 1.5 GPM high-efficiency showerhead
 - 2 – 1 GPM bathroom aerators
 - 1.5 GPM kitchen aerator
 - Toilet leak dye tablets
 - Instruction and conservation tips material
 - GSWC Program - Using Third Party – Discovery Science Center
 - School Education Programs have been offered since 2009
- **Partnership Program – Residential / Commercial / Industrial / Large Landscape**
 - Golden State Water Company (GSWC) participates in partnership conservation programs with West Basin Municipal Water District (WBMWD), Central Basin Municipal Water District (CBMWD) and the Metropolitan Water District of Southern California (MWDSC) to promote regional conservation programs, take advantage of grant funding, and helps lower conservation program costs through economies of scale.
 - GSWC's customers applying through www.socalwatersmart.com can participate in various rebate incentive programs that include:
 - Residential
 - PHET Rebate

- HECW Rebate
 - Efficient Sprinkler Nozzle Rebate
 - Weather-Based Irrigation Controller Rebate
 - Soil Moisture Sensor System Rebate
 - Rain Barrel Rebate
 - Rain Cistern Rebate
- **Commercial/Institutional and Large Landscape Programs**
 - PHET Rebate
 - Low Water/Zero Water Use Urinals
 - Connectionless Food Steamers
 - Air Cooled Ice Machines
 - Cooling Tower Conductivity Controllers
 - Dry Vacuum Pumps
 - Laminar Flow Restrictors
 - Irrigation Controllers
 - Rotating Nozzles for Pop-Up Spray Heads
 - Large Rotary Nozzles
 - In-Stem Flow Regulators (Irrigation)
- Offered in partnership with a third Party – MWDSC
- Offerings vary by MWDSC Member Agency
- SoCal WaterSmart (EGIA) administration
- Programs offered historically since 2002
- **Water Savings Incentive Program (WSIP)**
 - WSIP Provides financial incentives for customized water efficiency projects including
 - Installation of commercial or industrial high-efficiency equipment
 - Industrial process improvements
 - Agricultural and landscape water efficiency improvements
 - Water management services
- **Commercial PHET Direct Install Program Pilot**
 - In order to address the customer sector with low plumbing fixture retrofit rates and typically older, higher water use appliances, GSWC started this pilot program to change out older, higher use toilets, showerheads, and aerators in commercial (hotel/motel) and multifamily properties.
 - Pre-qualified licensed contractors solicit customers to participate for a flat rebate fee of \$250 for each qualified PHET installed. The fee also covers the

cost of any appropriate retrofit of high-efficiency showerheads (1.5 GPM), high-efficiency bath aerators (1 GPM) and kitchen aerators (1.5 GPM).

- **Regional Partnerships**
 - **Ocean Friendly Demonstration Garden Installations and Community Workshops**
 - GSWC co-funds the West Basin MWD sponsored Ocean Friendly Gardens program in cooperation with the Surf Rider Foundation and local community groups.
 - Fundamental objectives include reduction in site runoff and ecological transformation of turf areas to climate appropriate plants and irrigation.
 - Local community workshops are held at the demonstration sites to promote and teach the objectives to whole neighborhoods around such sites as fire house and parks.
 - GSWC provides co-funding
 - Workshop materials and presentations
 - Program started in 2010
 - Managed by West Basin MWD
 - **West Basin Rain Barrel Distribution Events**
 - GSWC funds direct marketing efforts for GSWC customers to participate in regional rain barrel distribution events sponsored by West Basin MWD, Metropolitan Water District, and regional retailers.
 - Managed by West Basin MWD
 - **Green Building Challenge Sponsor**
 - GSWC partners with the South Bay Council of Governments to sponsor the Green Building Challenge for GSWC customers to improve their overall environmental scoring by making water, energy, transportation and other improvements.
- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips.

Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.

- Conservation Miscellaneous & Promotional Items – includes public information in the form of water conservation bill messaging, conservation literature and small promotional items (pens, pencils, bags, shower timers, etc.) with printed water conservation reminders.
- **Outdoor Conservation Devices**
 - Golden State Water Company offers all of its residential customers free Drip Irrigation kits and water saving hose nozzles. Drip irrigation applies water only where it is needed, with less runoff and evaporation. Studies on drip irrigation systems show results of up to 60% more efficiency over sprinkler systems. The water saving hose nozzles automatically shut off and include water saving spray settings enabling more water efficiency with less water waste. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
- **Audits**
 - **CII & Large Landscape** - GSWC is offering large landscape audits to large water users. The purpose of the program is to provide customers with information about their current irrigation system, distribution uniformity; water usage based on Evapotranspiration, and identifies necessary irrigation deficiencies and irrigation repairs. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.
 - GSWC program implemented by contractor
 - **Single-Family Residential Audits** – Single-family residential audits are available to all residential customers. The audits are intended to help customers reduce indoor and outdoor water use. Residential audits are designed to identify possible leaks (indoor and outdoor), recommend water conserving devices, assess irrigation efficiency and determine proper landscape watering based on Evapotranspiration. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.
 - GSWC program implemented by contractor
- **Public Information** – GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website www.gswater.com to educate customers on water use efficiency and conservation. Information and water saving devices are also

available in our local CSA Offices.

Region 3

- **School Education Programs**
 - Golden State Water Company (GSWC) conducts school conservation education programs throughout the company. Conservation education programs are a California Urban Water Conservation Council (CUWCC) foundational Best Management Practice (BMP). GSWC's program includes classroom education and the distribution and installation of water saving conservation kits to students who participate.
 - The programs target grades 5-6. Teachers are provided with materials and curriculum support that meets the California curriculum standards. Class presentations are also made by GSWC contractors.
 - Students take pre and post quizzes to demonstrate what they have learned as a measurement of effectiveness and receive high-efficiency water conservation kits to take home with instructions to get their parent's assistance to install.
 - Kits include:
 - 1.5 GPM high-efficiency showerhead
 - 2 – 1 GPM bathroom aerators
 - 1.5 GPM kitchen aerator
 - Toilet leak dye tablets
 - Instruction and conservation tips material
 - GSWC Program using Third Party – Discovery Science Center
 - School Education Programs have been offered since 2009
- **Partnership Program – Residential / Commercial / Industrial / Large Landscape**
 - Golden State Water Company (GSWC) participates in partnership conservation programs with Three Valley Municipal Water District (TVMWD), Municipal Water District of Orange County (MWDOC), Upper San Gabriel Valley Municipal Water District (USGVMWD), Mojave Water Agency (MWA), and the Metropolitan Water District of Southern California (MWDSC) to promote regional conservation programs, take advantage of grant funding, and help lower conservation program costs through economies of scale.
 - GSWC's customers applying through www.socalwatersmart.com can participate

in various rebate incentive programs that include:

- **Residential**
 - PHET Rebate
 - HECW Rebate
 - Efficient Sprinkler Nozzle Rebate
 - Weather-Based Irrigation Controller Rebate
 - Soil Moisture Sensor System Rebate
 - Rain Barrel Rebate
 - Rain Cistern Rebate
- **Commercial/Institutional and Large Landscape Programs**
 - PHET Rebate
 - Low Water/Zero Water Use Urinals
 - Connectionless Food Steamers
 - Air Cooled Ice Machines
 - Cooling Tower Conductivity Controllers
 - Dry Vacuum Pumps
 - Laminar Flow Restrictors
 - Irrigation Controllers
 - Rotating Nozzles for Pop-Up Spray Heads
 - Large Rotary Nozzles
 - In-Stem Flow Regulators (Irrigation)
- Offered in partnership with a third Party – MWDSC
- Offerings vary by MWDSC Member Agency
- SoCal WaterSmart (EGIA) administration
- Programs offered historically since 2002
- **Water Savings Incentive Program (WSIP)**
 - WSIP Provides financial incentives for customized water efficiency projects including
 - Installation of commercial or industrial high-efficiency equipment
 - Industrial process improvements
 - Agricultural and landscape water efficiency improvements
 - Water management services
 - Offered in partnership with a third Party – MWDSC
- **Mojave Water Agency Partnership Program**

- Regional program promotion and event participation

GSWC Offered Programs

- **Commercial PHET Direct Install Program Pilot**
 - In order to address the customer sector with low plumbing fixture retrofit rates and typically older, higher water use appliances, GSWC started this pilot program to change out older, higher use toilets, showerheads, and aerators in commercial (hotel/motel) and multifamily properties.
 - Pre-qualified licensed contractors solicit customers to participate for a flat rebate fee of \$250 for each qualified PHET installed. The fee also covers the cost of any appropriate retrofit of high-efficiency showerheads (1.5 GPM), high-efficiency bath aerators (1 GPM) and kitchen aerators (1.5 GPM).
- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
 - Conservation Miscellaneous & Promotional Items – includes public information in the form of water conservation bill messaging, conservation literature and small promotional items (pens, pencils, bags, shower timers, etc.) with printed water conservation reminders.
- **Outdoor Conservation Devices**
 - Golden State Water Company offers all of its residential customers free Drip Irrigation kits and water saving hose nozzles. Drip irrigation applies water only where it is needed, with less runoff and evaporation. Studies on drip irrigation systems show results of up to 60% more efficiency over sprinkler systems. The water saving hose nozzles automatically shut off and include water saving spray settings enabling more water efficiency with less water waste. Customers can order the free kits from our local CSA Office, request a kit by calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.
- **Audits**
 - **CII & Large Landscape** - GSWC is offering large landscape audits to large water users. The purpose of the program is to provide customers with information about their current irrigation system, distribution uniformity; water usage

based on Evapotranspiration, and identifies necessary irrigation deficiencies and irrigation repairs. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.

- **Single-Family Residential Audits** – Single-family residential audits are available to all residential customers. The audits are intended to help customers reduce indoor and outdoor water use. Residential audits are designed to identify possible leaks (indoor and outdoor), recommend water conserving devices, assess irrigation efficiency and determine proper landscape watering based on Evapotranspiration. The audit reports make recommendations and show estimated water and cost savings associated with the recommendations and repairs.
- **Public Information** – GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA Offices.

For Customers Outside of the Metropolitan Water District Service Area

- **High Efficiency Toilet Rebate Program**
 - Golden State Water Company offers its residential customers rebates of up to \$75 for qualified Premium High Efficiency Toilets (PHET). Only EPA WaterSense® certified PHET are rebated for both residential and commercial customers. Rebates are processed in-house by GSWC staff.
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **High Efficiency Clothes Washer Program**
 - Golden State Water Company offers its residential customers rebates of up to \$80 for qualified High-Efficiency Clothes Washers (HECW). Rebates are processed in-house.
 - Consortium for Energy Efficiency (CEE) approved list for Tier 3 or better water factor (gallons per cycle per cubic foot)
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **Free Sprinkler Nozzles – Residential & Commercial**
 - GSWC discontinued its participation in the program in 2015 due to low installation rates of residential nozzles per an MWD study and chose to only use the rebate program.

- **Turf Removal Rebate Program**
 - GSWC discontinued the program when the State initiated the SaveOurWaterRebates.com (SOWR) program for turf removal and for HET's.
 - SOWR provides up to \$1 per square foot replaced in areas that did not have a rebate that exceeded \$2 per sq. ft.
- **Weather Based Irrigation Controller Rebate Program**
 - Golden State Water Company offers its residential, commercial, and large landscape customers rebates for qualified Weather Based Irrigation Controllers (WBIC). The rebates are processed in-house.
 - \$80 for residential or properties < 1 acre
 - \$25 per operating valve for properties > 1 acre
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **Efficient Sprinkler Nozzle Rebate**
 - \$4 per nozzle with minimum purchase of 15
 - Nozzles must be on approved product list
 - GSWC uses the list compiled and updated through the MWD www.socalwatersmart.com program.
- **Commercial Industrial and Institutional Direct Install Program (CII Direct Install)**
 - The CII Direct Install program specifically targets large multifamily and hotel/motel customers in various systems with the direct installation of Premium-High Efficiency Toilets (PHET), high efficiency showerheads and aerators
 - Savings are at least 20% greater than that attributable to the current HET (1.28 GPF) standards or approximately 47 gallons saved per day.
 - GSWC program with 3rd party fulfillment
- **High-Efficiency Water Conservation Kits and Promotional Items**
 - Golden State Water Company offers all of its residential customers free High-Efficiency Water conservation kits. Each conservation kit includes one 1.5 GPM high-efficiency showerhead, two 1.0 GPM bathroom aerators, one 1.5 GPM kitchen aerator, leak dye tablets, instructions and water conservation tips. Customers can order the free kits from our local CSA Office, request a kit by

calling our toll-free number, or by requesting a kit on our www.gswater.com website, which is then mailed to them.

- Conservation Miscellaneous & Promotional Items – includes public information in the form of water conservation bill messaging, conservation literature and small promotional items (pens, pencils, bags, shower timers, etc.) with printed water conservation reminders.
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- **Demonstration Garden Tours**
 - The demonstration garden at the general office was directed for all irrigation to be turned off in response to the drought.
 - Tours were suspended.
- **Public Information** – GSWC offers free conservation literature and tips to all of its customers. GSWC uses its website to educate customers on water use efficiency and

conservation. Information and water saving devices are also available in our local CSA Offices.

Explanation of any Partnerships

- **Regional Water Agency (Sacramento), Contra Costa WD, Calleguas MWD, MWD of Orange County, West Basin MWD, Central Basin MWD, Three Valleys MWD, Upper San Gabriel MWD, and the Mojave Water Agency.** Golden State Water Company partners with several wholesale agencies and regional organizations to offer GSWC's residential, CII, and large landscape customers rebates for the PHETs, HECW's, Smart Irrigation Controllers, Rain Barrel distributions, and Large Landscape classes to further promote conservation in shared service areas.

Explanation of any Contracts

- **Residential Direct Install**
 - **Sustainable Solutions International**
 - Provide product
 - Installation services with licensed plumbers
 - **Bottom Line Utilities Solutions**
 - Provide product
 - Installation services with licensed plumbers
 - **Southwest Environmental**
 - Provide product
 - Installation services with licensed plumbers
- **Commercial/Multifamily PHET Direct Install**
 - **Bottom Line Utilities Solutions**
 - Provide product
 - Installation services with licensed plumbers
 - **Southwest Environmental**
 - Provide product
 - Installation services with licensed plumbers

- **Commercial/Residential Landscape Direct Install**
 - AquaSave
 - Licensed contractors
 - Provide product
 - Installation services
- **Audits (Residential and CII)**
 - AquaSave
 - Certified Water Management and Auditor Certifications
 - Consulting commercial and industrial expertise
 - Services provided on request
 - WaterWise
 - Certified Water Management and Auditor Certifications
 - Consulting commercial and industrial expertise
 - Services provided on request
- **Education Programs**
 - Discovery Science Center
 - Coordinate schools
 - Provide assembly services
 - Track program results
 - Distribute kits
 - Resource Action Programs
 - Coordinate schools
 - Provide teacher curriculum and workbooks
 - Track program results
 - Distribute kits

- **Community Education Events**
 - Green Media
 - Develop program
 - Landscape
 - Irrigation
 - Leak detection
 - Winterization
 - Drip irrigation
 - Coordinate event and provide instructors
 -
 -

How much was spent on overhead/administrative costs of the third parties

- In 2017 no administrative fees were structured into any contracts. All programs were designed on a per piece basis. Administrative and web services were processed in-house for the following programs:
 - CII Direct Install
 - Multifamily Direct Install
 - Residential Direct Install
 - Audits

Transfer of funds between programs as authorized by settlement

- GSWC transferred funds between programs in the following CSA's:
 - Arden Cordova
 - Bay Point
 - Clearlake

- Los Osos
 - Ojai
 - Santa Maria
 - Simi Valley
 - Region 2
 - Region 3
- As allowed in the Settlement Agreement, GSWC shifted funds primarily from Free Sprinkler Nozzles and CARW Direct as those programs were closed.

GSWC ANNUAL REPORTING REQUIREMENT - 2017

ARDEN CORDOVA

A	B	C	D	E	F	G	H	I	J	K	L	M
Program	Description	Authorized (\$)	# of Units/ Activities Performed, Pending, or Scheduled	Final Report (\$)	Developed Water Savings Per Unit Per Year (AF)	Unit Liters (Trails)	Estimated Annual Program Savings (\$/FY) (\$/A/C)	Estimated Lifetime Program Savings (\$/FY) (\$/A/C)	Estimated Lifetime Program Savings (\$/A/C)	Estimated Lifetime Program Savings (\$/A/C)	Description & Comments	
Weather Based Program Controller Rebates		\$ 2,000										
Free Sprinkler Nozzles - Residential	WEC	\$ 8,000	71	\$ 80.00	0.0044	\$	0.32	1.61	104.661	513,117	Internal Rebate Processing	
Free Sprinkler Nozzles - CI		\$ 12,000									Program cancelled	
Direct Install - CI		\$ 17,717	642	\$ 27.59	0.0719	20	46.49	929.87	15,195.847	307,998.348	Program cancelled	
Large Landscape Audits	PHET, Showersheds & Air Seals	\$ 17,820									Contractor Implemented Program	
CI Audits		\$ 27,624	3	\$ 9,208.00							Hard Party Fulfillment	
Residential Audits		\$ 58,000									Hard Party Fulfillment	
Direct Install - Residential											Hard Party Fulfillment	
WRET - Rebates											Internal processing of WRET rebates. Also participate in partnership with RWMA to co fund DRET rebates with RWMA and CSD reimbursing GSWC \$30 each DRET	
WECW - Rebates	WRET - Rebates RWMA/CSD Payment		9	\$ 75.56	0.0719	20	0.65	12.91	110.241	4,714.871	Internal processing of WECW rebates. Also participate in partnership with SARD to co fund WRET rebates	
Turf Removal - Rebates			17	\$ 32.06	0.0812	20	0.51	10.61	177.811	1,416.611	Internal processing of WRET rebates. Also participate in partnership with SARD to co fund WRET rebates	
Sprinkler Nozzle Rebates											Program cancelled	
Conservation Devices											Internal rebate processing	
Customer Outreach	Various Indoor/Outdoor Items Misc. and Promotional Items Conservation Literature		7,995	\$ 2.88							Marketing and Promoting Conservation	
Water Wise School Education Program	Conservation School Outreach		925	\$ 11.32	0.0112	\$	17.32	86.54	\$ 427.443	18,273.213	Resource Action Program with distribution for Leaky	
Regional Water Authority - Dues	RWA Dues - Misc.		1	\$ 18,400							Regional program project to participate thru	
Totals		\$ 2,007,464		\$ 2,754,157			61.91	1,041.46	21,789.877	279,467.537		

Authorized 2017 \$107,468
 Reauthorized 2017 \$103,117
 (5111,379)

NOTE: Item fees to report are estimated based on current estimated data from the Metropolitan Water District of Southern California water efficiency program and CDMC reports and studies.
 *WECW and WRET rebates were calculated for 2015. Managed through partnership with SARD (WECW) and RWMA (WRET) where GSWC provided co funding based on program parameters.
 **The savings estimates for audits are primarily subject to the implementation of the recommended measures. The CDMC MAP (net savings Study 2005) provides estimated data but the variables make it impossible to set a value.
 ***Education and E&L Savings based on the installation of 1.5 gpm shower head and 3.1 gpm aerators provided to each participant and installed at a 60% rate. Calculation established by Federal Energy Management Program calculator at http://www1.eere.energy.gov/emp/techniques/step_audits_showershd_3.1gpm_aerators

GSWC ANNUAL REPORTING REQUIREMENT - 2017

BAY POINT

A	B	C	D	E	F	G	H	I	J	K	L	M
Programs	Description	Authorized (\$)	# of Units/Activities Purchased, Provided, Performed	\$/Unit, activity, etc.	Total Spent (D x E)	Designated Water Savings Per Unit Per Year (AF)	Unit Lifespan (Years)	Unit Estimated Annual Program Savings (AF/Y) (D x G)	Estimated Lifetime Program Savings (AF x H)	Estimated Annual Program Savings (Gallons/Year)	Estimated Lifetime Program Savings (Gallons)	Description & Comments
Conservation Devices												
Program Marketing (CCWD & GSWMC)		\$ 2,215	941	\$ 1.80	\$ 1,690							Internal Processing and Fulfillment
	Conservation Promotional Items		434	\$ 2.80	\$ 1,216							
	Conservation Literature & Brochures		2415	\$ 0.57	\$ 1,388							Marketing and Promoting Conservation
	Marketing		2640	\$ 0.73	\$ 1,925							
Water Wise School Education		\$ 10,037	754	\$ 17.13	\$ 12,913	0.0317	5	\$ 14.11	70.57	4,598,134	22,996,789	Resource Action Program w/air distribution for savings
Totals:		\$ 32,792			\$ 35,132			\$ 34.11	70.57	4,598,354	22,996,789	

Authorized 2017 \$17,251
 Recorded 2017 \$19,132
 (\$5,860)

NOTE: Aze foot savings are estimated based on current estimated data from the Metropolitan Water District of Southern California water efficiency programs and CDMCC reports and studies. Education and kit savings based on the installation of the 1.5 gpm showerhead and 2 - 1 gpm aerators provided to each participant and installed at a 60% rate. Calculation established by Federal Energy Management Program calculator at http://www1.eere.energy.gov/emp/technologies/esp_aerators_showerheads_cck.html#ourput

Bay Point residents and business can participate in Contra Costa Water District regional programs.

GSWC ANNUAL REPORTING REQUIREMENT - 2017

CLEARLAKE

A	B	C	D	E	F	G	H	I	J	K	L	M
Programs	Description	Authorized (\$)	# of Units/ Activities Purchased, Provided, Performed	\$/Unit, activity, etc.	Total Spent (D x E)	Designated Water Savings Per Unit Per Year (AF)	Unit Lifespan (Years)	Estimated Annual Program Savings (AF/Y) (D x G)	Estimated Lifetime Program Savings (AF) (I x H)	Estimated Annual Program Savings (Gallons/Year)	Estimated Lifetime Program Savings (Gallons)	Description & Comments
CARW Toilet Direct Install		\$ 3,167										
CI Audit												
Water Wise School Education		\$ 976	1	7,152.00	\$7,152							Contractor implemented
	Conservation School Education		158	13.13	\$2,074	0.0312	5	2.96	14.79	963,790	4,818,952	Resource Action Program w/ kit distribution for savings
Customer Outreach												
	Misc. and Promotional Items		215	6.50	\$1,398							
	Conservation Literature		1,208	0.57	\$688							Marketing and Promoting Conservation
	Marketing		672	1.04	\$700							
Conservation Devices												
	Various		465	1.88	\$872							Internal Processing and Fulfillment
Totals		\$ 4,143			\$ 12,885			2.96	14.79			

Authorized 2017
Recorded 2017

\$4,143
\$12,885
~~\$8,742~~

NOTE: Acre foot savings are estimated based on current estimated data from the Metropolitan Water District of Southern California water efficiency programs and CUWCC reports and studies.

Education and Kit savings based on the installation of the 1.5 gpm showerhead and 2 - 1 gpm aerators provided to each participant and installed at a 60% rate. Calculation established by Federal Energy Management Program calculator at http://www1.eere.energy.gov/emp/technologies/esp_faucts_showerheads_calc.htm#output

GSWC ANNUAL REPORTING REQUIREMENT - 2017

LOS OSOS

A	B	C	D	E	F	G	H	I	J	K	L	M
Programs	Description	Authorized (\$)	# of Units/ Activities Purchased, Provided, Performed	\$/Unit, activity, etc.	Total Spent (D x E)	Designated Water Savings Per Unit Per Year (AF)	Unit Lifespan (Years)	Estimated Annual Program Savings (AF/Y) (D x G)	Estimated Lifetime Program Savings (AF) (I x H)	Estimated Annual Program Savings (Gallons/Year)	Estimated Lifetime Program Savings (Gallons)	Description & Comments
Rebates												
	PHET Rebates		1	\$ 75.00	\$ 75	0.0719	20	0.07	1.44	23,416	468,314	Internal Rebate Processing
	HECW Rebates		1	\$ 80.00	\$ 80	0.0312	20	0.03	0.62	10,167	203,331	Internal Rebate Processing
Conservation Devices												
	Various	\$ 1,030	587	\$ 1.83	\$ 1,077							Internal Processing and Fulfillment
CARW - Toilet Direct		\$ 5,675										
Direct Install												
Residential Audits												
Customer Outreach	Residential Water Audits Mtg.		2862	\$ 0.21	\$ 601							Contractor Implemented Program
	Promotional Items		272	\$ 2.39	\$ 650							Conservation Promotional Items
	Conservation Literature		1160	\$ 0.75	\$ 870							Conservation Literature and Brochures
	Workshops		1	\$ 5,156.76	\$ 5,157							Materials and promotion
												Landscaping education
Water Wise School Education	Conservation School Education	\$ 2,259	195	\$ 12.62	\$ 2,461	0.0312	5	3.65	18.25	1,189,888	5,947,440	Resource Action Program w/ kit distribution for savings
Totals		\$ 8,964			\$ 10,570			3.75	20.31	1,223,079	6,619,085	

Authorized 2017
Recorded 2017

\$8,964
\$10,970
\$2,006

NOTE: Acre foot savings are estimated based on current estimated data from the Metropolitan Water District of Southern California water efficiency programs and CUWCC reports and studies. Education and kit savings based on the installation of the 1.5 gpm showerhead and 2.1 gpm aerators provided to each participant and installed at a 60% rate. Calculation established by Federal Energy Management Program calculator at http://www1.eere.energy.gov/emp/technologies/esp_faucets_showers_cak.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2017

OJAI

A	B	C	D	E	F	G	H	I	J	K	L	M
Programs	Description	Authorized (\$)	# of Units/ Activities Purchased, Provided, Performed	\$/Unit, activity, etc.	Total Spent (D x E)	Designated Water Savings Per Unit Per Year (AF)	Unit Lifespan (Years)	Estimated Annual Program Savings (AF/7)	Estimated Lifetime Program Savings (I x H)	Estimated Annual Program Savings (Gallons/Year)	Estimated Lifetime Program Savings (Gallons)	Description & Comments
Rebates												
Conservation Devices	WBIC		2	\$ 80.00	\$ 160	0.0044	\$	0.01	0.04	2,867	14,337	Internal Rebate Processing
Customer Outreach	Shower Timers		50	\$ 1.77	\$ 88							Internal Processing and Fulfillment
	Promotional Items		252	\$ 2.31	\$ 581							Conservation Promotional Items
	Conservation Literature		337	\$ 0.29	\$ 97							Conservation Literature and Brochures
	Marketing		740	\$ 0.49	\$ 363							Materials and promotion
Water Wise School Education	Conservation School Education	\$ 1,898	29	\$ 14.90	\$ 432	0.0312	\$	0.54	2.71	176,898	884,490	Resource Action Program w/ kit distribution for savings
Free Sprinkler Nozzles - Residential		\$ 7,261										
Totals		\$ 9,159			\$ 1,721			0.33	2.76	179,065	898,827	

Authorized 2017 59,159
 Recorded 2017 \$1,721
~~57,438~~

NOTE: Acre foot savings are estimated based on current estimated data from the Metropolitan Water District of Southern California water efficiency programs and CUWCC reports and studies. System was sold in 2017. Education and Kit savings based on the installation of the 1.5 gpm showerhead and 2.1 gpm aerators provided to each participant and installed at a 60% rate. Calculation established by Federal Energy Management Program calculator at http://www1.eere.energy.gov/emp/technologies/emp_faucets_showerheads_cak.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2016

SANTA MARIA

A	B	C	D	E	F	G	H	I	J	K	L	M
Programs	Description	Authorized (\$)	# of Units/ Activities Purchased, Provided, Performed	\$/Unit, activity, etc.	Total Spent (D x E)	Designated Water Savings Per Unit Per Year (AF)	Unit Lifespan (Years)	Estimated Annual Program Savings (AF/Y) (D x G)	Estimated Lifetime Program Savings (AF) (H x I)	Estimated Annual Program Savings (Gallons/Year)	Estimated Lifetime Program Savings (Gallons)	Description & Comments
Rebate Program												
	UHET Rebates		2	\$ 75.00	\$ 150	0.0219	20	0.14	2.87	46,831	936,626	Internal Rebate Processing
	HECW Rebates		1	\$ 80.00	\$ 80	0.0312	20	0.03	0.62	10,167	203,331	Internal Rebate Processing
	WBIC Rebate		2	\$ 80.00	\$ 160	0.0044	5	0.01	0.04	2,867	14,337	Internal Rebate Processing
	Turf Removal			\$ 0.00	\$ -	0.000675	20	-	-	-	-	Internal Rebate Processing
Audits												
	Residential		320	\$ 230.18	\$ 73,658							Third Party Vendor
Direct Install												
	GI - UHET		227	\$ 182.98	\$ 41,536	0.0719	20	14.31	376.24	5,315,353	106,307,064	Contractor Implemented Program
Conservation Devices												
	Various	\$ 6,052	3074	\$ 1.75	\$ 5,387							Internal Processing and Fulfillment
Free Sprinkler Nozzles - Residential												Program Cancelled
Free Sprinkler Nozzles - Commercial		\$ 3,024										Program Cancelled
CANW - Toilet Direct		\$ 25,742										
Customer Outreach												
	Conservation Promotional Items		1,422	\$ 2.10	\$ 2,988							Conservation Promotional and Educational Items
	Conservation Literature		7,971	\$ 0.57	\$ 4,543							Conservation Literature and Brochures
	Marketing		4,432	\$ 1.31	\$ 5,803							
Water Wise School Education		\$ 18,012	1,403	\$ 18.70	\$ 26,240	0.0312	5	26.26	131.32	8,558,203	42,791,014	Resource Action Program w/ kit distribution for savings
Totals		\$ 47,890			\$ 114,510			42,796	461,111	33,933,471	156,252,778	

Authorized 2017 \$47,830
 Recorded 2017 \$114,510
 \$66,680

NOTE: Acte foot savings are estimated based on current estimated data from the Metropolitan Water District of Southern California water efficiency programs and CUWCC reports and studies
 * Education and kit savings based on the installation of the 1.5 gpm showerhead and 2 1 gpm aerators provided to each participant and installed at a 60% rate. Calculation established by Federal Energy Management Program calculator at
http://www1.eere.energy.gov/femp/technologies/cep_baucets_showerheads_calc.html#footpat

GSWC ANNUAL REPORTING REQUIREMENT - 2017

SIMI VALLEY

A	B	C	D	E	F	G	H	I	J	K	L	M
Programs	Description	Authorized (\$)	# of Units/Activities Purchased, Provided, Performed	\$/Unit, activity, etc.	Total Spent (D+E)	Designated Water Savings Per Unit Per Year (AF)	Unit Lifespan (Years)	Estimated Annual Savings (AF/Y) (D x G)	Estimated Lifetime Program Savings (AF) (I x H)	Estimated Annual Program Savings (Gallons/Year)	Estimated Lifetime Program Savings (Gallons)	Description & Comments
Rebates												
Direct Install												
Conservation Devices	CI - UHET	\$ 4,148	200	\$ 250.00	\$ 50,000	0.0719	20	14.37	287.44	4,683.137	93,662.735	Internal Rebate Processing
	Various	\$ 8,195	2,434	\$ 1.76	\$ 4,279							Contractor Implemented Program
Free Sprinkler Nozzles - Residential		\$ 8,746										Internal Processing and Fulfillment
Free Sprinkler Nozzles - Commercial		\$ 9,155										Program Cancelled
Large Landscape Audits												Program Cancelled
Customer Outreach												Third Party Vendor
	Conservation literature	6,307	6,307	\$ 0.57	\$ 3,595							Conservation Literature and Brochures
	Promotional Items	3,125	3,125	\$ 52.36	\$ 2,654							Conservation Education Promo Items
Marketing and Local Partnerships		\$ 5,857										
	Marketing		3	\$ 208.33	\$ 625							Acorn Newspaper Event Advertising
	Conservation Workshops		6,844	\$ 50.67	\$ 4,554							Product promotion and delivery
	Event Sponsorship											City of Simi Valley Conservation Event
Water Wise School Education	Conservation School Education	\$ 10,946	1,451	\$ 11.65	\$ 16,904	0.0312	5	27.16	135.81	8,851.011	44,255.056	Resource Action Program w/ kit distribution for savings
Totals		\$ 47,047			\$ 82,511			34,837	287.44	1,153,548	13,217,791	

Authorized 2017 \$47,047
 Recorded 2017 \$82,511
 -\$35,564

NOTE: Accrual savings are estimated based on current estimated data from the Metropolitan Water District of Southern California water efficiency programs and CUWCC reports and studies. Education and kit savings based on the installation of the 1.5 gpm showerhead and 2.1 gpm aerators provided to each participant and installed at a 60% rate. Calculation established by Federal Energy Management Program calculator at http://www1.eere.energy.gov/femp/technologies/esp_faucets_showerheads_calc.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2017

REGION 2

A	B	C	D	E	F	G	H	I	J	K	L	M
Programs	Description	Authorized (\$)	# of Units/ Activities Purchased, Provided, Performed	\$/Unit, activity, etc.	Total Spent (D x E)	Designated Water Savings Per Unit Per Year	Unit Lifespan (Years)	Estimated Annual Program Savings (AF/Y) (D x G)	Estimated Lifetime Program Savings (AF) (I x H)	Estimated Annual Program Savings (Gallons/Year)	Estimated Lifetime Program Savings (Gallons)	Description & Comments
Conservation Devices		\$ 12,257										
CARW - UHET Direct Install	Various	\$ 56,678	19,164	\$1.76	\$ 33,630							Internal Processing and Fulfillment
Direct Install - CI	CARW PHET Distributions & Install	\$ 115,215	710	\$240.61	\$ 170,049	0.0719	20	51.02	1020.41	16,626,135	332,507,709	Contractor Implemented
Direct Install - Residential	PHET Direct Install	\$ 8,000	3	\$254.45	\$ 763	0.0719	20	0.22	4.31	70,247	1,404,941	PHET Toilet Direct & Install-Contractor
Free Sprinkler Nozzles - Residential												Program Cancelled
Free Sprinkler Nozzles - Commercial		\$ 15,000										Program Cancelled
Large Landscape Audits	CI Audits	\$ 34,498			\$ 70							
CI Audits	Large Landscape Audits	\$ 15,080			\$ 13							
Rebates	HET Rebates	\$ 4,453	1	\$36.21	\$ 36	0.0425	20	0.04	0.85	17,849	276,974	In-house rebate
Regional Partnership	WBWMD Rain Barrel Distribution	\$ 20,360			\$ 2,730							Postcard postage
Marketing	Green Building Challenge* Sponsor	\$ 8,546			\$ 7,500							
Customer Outreach	Customer Outreach and Literature	\$ 3,504	27,614	\$1.03	\$ 28,316							Conservation Literature and Brochures
Info. and Customer Promotional Items	Promotional	\$ 96,000	12,713	\$1.03	\$ 13,008							Conservation promotional items
Discovery Science School Education	Discovery Science Center School Education	\$ 389,591	12,642	\$11.00	\$ 139,075	0.0312	5	236.66	1,183.79	77,115,426	385,577,130	DSC w/ kit distribution for savings
TOTAL		\$ 389,591			\$ 437,654			91.28	2,405.57	16,709,231	332,934,828	

Authorized 2017 \$389,591
 Recorded 2017 \$437,654
 \$47,563

NOTE: Acre foot savings are estimated based on current estimated data from the Metropolitan Water District of Southern California water efficiency program and CUWCC reports and studies. The Settlement Agreement for Region 2 stipulated CI (Partnership Programs) - \$90,000 & Residential (Partnership Programs) - \$30,000. These funds are distributed in the rebate categories as processed through SoCalWaterSmart as facilitated by the Central Basin MWD and West Basin MWD. GSWC provides various levels of cofunding through SCWS and is billed for its customers' participation by the wholesale agencies. In some cases, the wholesale agency conducts its own programs and GSWC pays a portion of the program as in the Toilet Distribution Program with West Basin.

* CARW - UHET Toilet Direct Install included High Efficiency Showerheads and Aerators
 ** Education and kit savings based on the installation of the 1.5 gpm showerhead and 2.1 gpm aerators provided to each participant and installed at a 60% rate - Calculation established by Federal Energy Management Program calculator at http://www1.eere.energy.gov/temp/technologies/leap_faucets_showerheads_calc.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2017

REGION 3

A	B	C	D	E	F	G	H	I	J	K	L	M
Programs	Description	Authorized (\$)	# of Units/Activities Purchased, Provided, Performed	\$/Unit, activity, etc.	Total Spent (D+E)	Designated Water Savings per Unit Per Year (AF)	Unit Lifespan (Years)	Estimated Annual Savings (AF/Y) (D x G)	Estimated Lifetime Program Savings (Gallons/Year) (I x H)	Estimated Annual Program Savings (Gallons/Year)	Estimated Lifetime Savings (Gallons)	Description & Comments
Conservation Devices	Various	\$ 11,720										Internal Processing and Fulfillment
Rebates												
	UHET Rebates		3	\$125.00	\$ 375	0.0719	20	0.22	4.31	20,247	1,404,939	Processed internally and through SCWS (partnership)
	HECW Rebates		1	\$85.00	\$ 85	0.0312	20	0.03	0.62	10,167	203,331	Processed internally and through SCWS (partnership)
	WBIC Rebates		8	\$80.00	\$ 640	0.0044	10	0.035	0.35	11,470	114,700	Processed internally and through SCWS (partnership)
CARW UHET Direct Install		\$ 60,726										
PHET Direct Install Residential		\$ 49,286										
Large Landscape Direct Install		\$ 40,000										
Commoder, sprinkler and drip		\$ 22,164										
Direct Install CH		\$ 15,000										
Free Sprinkler Nozzles - Residential		\$ 5,000										
Free Sprinkler Nozzles - CH		\$ 2,000										
Turf Removal		\$ 1,632										
Rain Barrel Distribution		\$ 1,680										
Large Landscape Audits		\$ 28,699										
CH Audits		\$ 45,227										
CH Large Landscape Audits		\$ 18,734										
Residential Audits		\$ 18,734										
Marketing		\$ 11,407										
Conservation Printing & Mailing		\$ 1,775										
Customer Outreach		\$ 3,529										
Event Sponsorship		\$ 10,687										
Event and Tour Supplies		\$ 2,720										
School Education		\$ 96,320										
Totals		\$ 462,648			\$ 739,999		5	190.81	954.06	62,176,594	310,882,969	104,085,418
												11,467,944,246

Authorized 2017 \$462,648
 Recorded 2017 \$259,787
 \$202,861

NOTE: Acre foot savings are estimated based on current estimated data from the Metropolitan Water District of Southern California water efficiency programs and CDWCC reports and studies.
 **CH & Residential Partnerships are assumed under Devices and Kits as processed through regional partners and SCWS
 ***Education and Kit savings based on the installation of the 1.5 gpm showerhead and 2.1 gpm aerators provided to each participant and installed at a 60% rate. Calculation established by Federal Energy Management Program calculator at http://www.eere.energy.gov/emp/technologies/rep_faucets_showerheads_cak.html#output

**GOLDEN STATE WATER COMPANY
CUSTOMER SERVICE PERFORMANCE MEASUREMENTS
2017**

	Goal	Q1	Q2	Q3	Q4	Year to Date
PHONE SYSTEM						
Total Calls Received		82,457	87,212	100,636	95,022	365,327
Total Calls Answered		80,772	84,220	96,197	91,427	352,616
# Calls Answered in 30 seconds		68,235	64,699	68,170	69,445	270,549
1(A) % Calls Answered in 30 seconds	> or = 80.0%	84.48%	76.82%	70.86%	75.96%	76.73%
# Calls Abandoned		1685	2,992	4,439	3,596	12,712
1(B) Abandonment Rate	< or = 5.0%	2.04%	3.43%	4.41%	3.78%	3.48%
BILLING						
Total Bills Rendered		644,379	644,612	640,054	636,564	2,565,609
Bills Not Rendered in 7 days (10 for finals)		34	78	98	66	276
2(A) % Bills Rendered In 7 days	> or = 99.0%	99.99%	100.0%	100.0%	100.0%	100.0%
Inaccurate Bills Rendered		2,451	2,337	1,904	2,027	8,719
2(B) % of Inaccurate Bills Rendered	< or = 3.0%	0.38%	0.36%	0.30%	0.32%	0.34%
PAYMENTS						
Total Payments Posted		617,006	598,257	609,236	600,727	2,425,226
VWC Payment Posting Errors		576	588	738	1,409	3,311
2 (C) % of Payment Posting Errors	< or = 1.0%	0.09%	0.10%	0.12%	0.23%	0.14%
METER READING						
Total Number of Meter Reads Scheduled		644,379	644,612	640,054	636,564	2,565,609
Total Scheduled Reads Not Read		1,161	1,383	944	1,062	4,550
3(A) % Meters Not Read	< or = 3.0%	0.18%	0.21%	0.15%	0.17%	0.18%
WORK ORDER COMPLETION						
Total Work Orders Scheduled		775	987	1,481	1,088	4,331
# Scheduled Orders Missed		12	10	22	71	115
4(A) % of Scheduled Appointments Missed	< or = 5.0%	1.55%	1.01%	1.49%	6.53%	2.66%
Total Customer Requested Work Orders		11,264	12,171	13,438	14,045	50,918
# Customer Requested Scheduled Orders Missed		283	259	288	247	1,077
4(B) % Customer Requested Scheduled Orders Missed	< or = 5.0%	2.51%	2.13%	2.14%	1.76%	2.12%
CAB COMPLAINTS						
Total # of Connections/Customers		284,342	282,881	282,840	283,229	283,229
# of Complaints to Utility from CAB		8	7	22	16	53
5(A) % of Complaints to Utility from CAB	< or = 0.10%	0.00%	0.00%	0.01%	0.01%	0.02%

BILLING

Total Number of Final Bills Sent > 14 Days

Total Number of Final Bills

Goal Q1 Q2 Q3 Q4 Year to Date Comments

	0	0	1	0	1
	6,803	10,564	8,475	7,227	33,069
	0.00%	0.00%	0.01%	0.00%	0.00%

<= 8%

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;	<u>See attached</u>
(b) services provided by any affiliated company to regulated water utility;	<u>See attached</u>
(c) assets (both tangible and intangible) transferred from regulated water utility to any affiliated company;	<u>See attached</u>
(d) assets (both tangible and intangible) transferred from any affiliated company to regulated water utility;	<u>See attached</u>
(e) employees transferred from regulated water utility to any affiliated company;	<u>See attached</u>
(f) employees transferred from any affiliated company to regulated water utility; and	<u>See attached</u>
(g) financing arrangements and transactions between regulated water utility and any affiliated company.	<u>See attached</u>



Golden State

Water Company

A Subsidiary of American States Water Company

May 11, 2018

Elizabeth Echols, Director
Office of Ratepayer Advocates
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, California 94102-3298

Re: 2017 Annual Report of Affiliate Entities

Dear Sir or Madam:

Enclosed are two copies of the Annual Report of Affiliate Entities, and one copy of the annual consolidated financial statement as reported on Form 10-K and filed with the Securities and Exchange Commission for the year ended 2017 for Golden State Water Company and its parent, American States Water Company.

If you should have any questions, please call me at 909/394-3600, extension 628.

Thank you.

Sincerely,

Jimmy Cheung
Controller

Enclosures

Corporation

GOLDEN STATE WATER COMPANY

And Parent & Holding Company

AMERICAN STATES WATER COMPANY

State

CALIFORNIA

ANNUAL REPORT OF AFFILIATED TRANSACTIONS

Date

FOR THE ANNUAL PERIOD ENDED

DECEMBER 31, 2017

LIST OF SHARED DIRECTORS AND OFFICERS BETWEEN GOLDEN STATE WATER COMPANY (“GSWC”) AND ITS AFFILIATES

Shared Board of Directors – GSWC and its Affiliates

James L. Anderson
Sarah J. Anderson
Diana M. Bontá
John R. Fielder
Anne M. Holloway
James F. McNulty
Lloyd E. Ross
Robert J. Sprowls
Janice F. Wilkins

Shared Officers - GSWC and Its Affiliates

Robert J. Sprowls
President and Chief Executive Officer

Eva G. Tang
Senior Vice President – Finance, Chief Financial Officer and Secretary

Gladys M. Farrow
Vice President – Finance, Treasurer and Assistant Secretary

Rule VIII.F

I. SERVICES PROVIDED BY THE UTILITY TO THE AFFILIATED COMPANIES

Golden State Water Company ("GSWC"), the Utility, provides services to two affiliates: American States Utility Services, Inc. ("ASUS") and American States Water Company ("AWR" or "Holding Company"). The following summarizes: (A.1 & B.1) Allocation of Common Costs and (A.2 & B.2) Costs for Direct Services Provided from Utility to the Affiliate.

A. American States Utility Services, Inc.

1. Allocation of Common Costs:

ASUS and its subsidiaries also benefit from Corporate Support Services including human resources, insurance, employee benefits, management, accounting and financial services provided and paid by GSWC and reimbursed by ASUS. Total operating expenses allocated from GSWC to ASUS amounted to \$3,997,363 for the year ended December 31, 2017. A portion of GSWC's General Office Rate Base is also allocated to ASUS. A summary of GSWC accounts affected by the allocated charges is as follows:

<u>Account Number</u>	<u>Description</u>	<u>Operating Expenses</u>	<u>Rate Base</u>
799.10	A&G Labor Expense	\$ 1,205,297	
773.10	Customer Labor Expense	53	
799.20	A&G Other Expense	2,792,013	
773.20	Customer Other Expense	-	
799.10	Rate Base Allocation to ASUS		\$ (864,671)
	Total	<u>\$ 3,997,363</u>	<u>\$ (864,671)</u>

- a. **Rate charged, with explanation if different rates are charged:**
During 2017, the allocation rate was based on the Commission's Decision ("D.") No. 16-12-067. The ASUS allocation rate was 16.00% of General Office ("GO") rate base and expense for GO business units which provide Corporate Support to ASUS.
- b. **Rate charged to non-affiliate, with explanation if rate different than charged to non-affiliate:**
Not applicable.
- c. **Formula for determining rate charged to non-affiliates:**
Not applicable.

The following additional information is provided in this Annual Report regarding the allocation of common costs from GSWC to ASUS:

2. **Direct Services Provided from GSWC to ASUS:**
There were no direct services provided from GSWC to ASUS in 2017.

B. American States Water Company

1. **Allocation of Common Costs:**
GSWC provides corporate support functions on behalf of AWR and allocates these costs between GSWC and ASUS.
2. **Direct Services Provided from GSWC to AWR:**
None.

II. SERVICES PROVIDED BY THE AFFILIATED COMPANIES TO THE UTILITY

Incremental direct costs for human resources services provided by ASUS to GSWC were charged directly to GSWC as expense items. The affiliate employee charged their time by preparing a timesheet and the affiliate submitted an invoice to GSWC based upon the time charged by the affiliate employee. Total direct expenses charged to GSWC for human resources services amounted to \$3,181 (priced at the fair market value, in accordance with Affiliate Transactions Rule VI.F) for the year ended December 31, 2017. A summary of GSWC accounts affected by direct service is as follows:

<u>Account Number</u>	<u>Description</u>	<u>Amount</u>
798.00	Outside services	\$3,181
	Total	<u>\$3,181</u>

- a. **Rate charged, with explanation if different rates are charged:**
Not applicable.
- b. **Rate charged to non-affiliate, with explanation if rate different then charged to non-affiliate:**
Not applicable.
- c. **Formula for determining rate charged to non-affiliates:**
Not applicable.

III. ASSETS TRANSFERRED FROM THE UTILITY TO THE AFFILIATED COMPANIES

There were no assets transferred from GSWC to any affiliate.

IV. ASSETS TRANSFERRED FROM THE AFFILIATED COMPANIES TO THE UTILITY

Water Rights pertaining to 600 acre-feet in Alto Basin (Apple Valley area) were leased from AWR to GSWC in 2017 at no cost to GSWC.

V. EMPLOYEES TRANSFERRED FROM THE UTILITY TO THE AFFILIATED COMPANIES

There were no employees transferred from GSWC to ASUS during 2017.

VI. EMPLOYEES TRANSFERRED FROM THE AFFILIATED COMPANIES TO THE UTILITY

There were no employees transferred from ASUS to GSWC during 2017.

VII. FINANCING ARRANGEMENTS AND TRANSACTIONS BETWEEN THE UTILITY AND ANY AFFILIATED COMPANIES

Dividends:

GSWC pays dividends quarterly to the holding company, AWR, as determined and approved by the Board of Directors. The following is the dividends paid by GSWC to AWR for the year ended December 31, 2017:

No.	Description	Explanation
1	Name of affiliate	American States Water Company
2	Date of transaction	August 1, 2017; October 30, 2017
3	Amount of transaction	\$18,300,000 Q3; \$9,380,000 Q4
4	Detail of each account affected and amount booked to each account	GSWC's retained earnings account (2.2230.14) decreases by the amount of quarterly dividend payments made to AWR and AWR's dividend revenue account (901.9110) increases by the same amount.
5	Rate of interest charged	See Schedule I
6	Length of transaction	See Schedule I
7	Schedule of repayment	See Schedule I
8	Detail of payments made during the year	See line #2 and #3 above.
9	Source of fund provided to affiliate	Mostly from Operations
10	Rate of interest, amount of new debt issued or proposed	Not applicable

11	Effect on common equity if retained earnings reduced to provide funds to an affiliate	GSWC's common equity will decrease by the dividend payments and AWR's dividend revenues will increase by the same amount.
12	Explanation of Utility's plan to return to a capital structure consistent with that determined to be reasonable by the commission in its most recent decision.	In order to reasonably maintain a capital structure consistent with that determined to be reasonable by the Commission, GSWC relies on (i) its internal sources provided primarily by retention of a portion of earnings from operating activities, (ii) long-term debt issuance, and (iii) equity investment (infusion) from its holding company, AWR. In addition to the equity infusion of about \$35 million from the Holding Company to GSWC in late 2004, GSWC received \$30 million equity infusion from the Holding Company in August of 2008, \$20 million equity infusion in May 2010, and \$10 million equity infusion in November 2011. In 2009, GSWC issued a \$40 million 10 year senior note. In April 2011, GSWC issued a \$62 million 30 year senior note and also redeemed a \$22 million note in May 2011. GSWC redeemed an \$8 million note in October 2012. GSWC redeemed two notes totaling \$15 million in July 2014 and subsequently issued \$15 million note in December 2014. As of December 31, 2017, GSWC has \$35 million of intercompany borrowings.
13	Number of shares issued, number of shares sold, and effect on capital structure if utility issues stock to provide funds to an affiliate	Not applicable

Issuance of Common Stock:

In August of 2008, GSWC issued 12 shares of common stock to the Holding Company for an equity infusion of \$30 million. In May of 2010, GSWC issued eight shares of common stock to Holding Company for an equity infusion of \$20 million. In November of 2011, GSWC issued four shares of common stock to Holding Company for an equity infusion of \$10 million.

Short-term borrowings:

On October 26, 2016, AWR entered into a Fifth Amendment to Amended and Restated Credit Agreement with the Syndicated Credit Facility with aggregate bank commitments of \$150 million maturing on May 23, 2018. AWR borrows under this facility and provides funds to GSWC in support of its operations. Amounts owed to AWR for borrowings under this facility generally represent the majority of GSWC's inter-company payables on GSWC's balance sheets. Interest is charged to GSWC in an amount sufficient to cover AWR's interest cost under the credit facility. As of December 31, 2017, there was \$35 million in intercompany borrowings owed by GSWC to AWR.

Inter-company miscellaneous payable/receivable:

As a result of GSWC's services provided to affiliates as described above, all amounts due to GSWC are accumulated in an inter-company account and are paid by the affiliate on a periodic basis. When there is an applicable inter-company balance, GSWC pays or receives interest on any inter-company balances owed to or due from AWR. As of December 31, 2017, GSWC had an intercompany receivable amount of \$163,971 due from AWR. The maximum amount outstanding during 2017 of this inter-company payable/receivable was \$474,728 payable to AWR from GSWC and \$1,072,215 receivable to GSWC from AWR. The total interest income recorded in 2017 by GSWC as a result of the intercompany receivable from AWR was \$6,565. Accounts affected by this transaction were interest income and inter-company receivable at GSWC; and inter-company payable and interest expense at AWR.

VIII. SERVICES PROVIDED BY AND/OR ASSETS TRANSFERRED FROM THE PARENT HOLDING COMPANY TO AFFILIATED COMPANY WHICH MAY HAVE GERMANE UTILITY REGULATIONS IMPACTS

There were no germane services provided or assets transferred from AWR to any affiliate during 2017.

IX. SERVICES PROVIDED BY AND/OR ASSETS TRANSFERRED FROM THE AFFILIATED COMPANY TO THE PARENT HOLDING COMPANY WHICH MAY HAVE GERMANE UTILITY REGULATION IMPACTS.

There were no germane services provided or assets transferred from any affiliate to AWR during 2017.

Rule X.E – Annual Non-Tariffed Product and Services

i. A detailed description of each Non-tariffed Products and Services (“NTP&S”) activity:

Utility provided the following NTP&S activities for 2017:

- The services included billing for trash, sewer, and others for the various cities.
- Rental of small parcels of land (~600 square feet) for communication facilities to AT&T located in the Bay Point Customer Service Area and SBA Steel LLC located in the Apple Valley Customer Service Area, respectively. These areas of land do not impact water utility operations nor diminish the level of service provided to the water utility customers.

ii. Whether and why it is classified active or passive:

- The billing services provided to the cities as described under section A.1.b.(i) above are classified as active because they are “Customer Account Management Services” as defined in NTP&S documentation Appendix B.
- The cell sites rentals are classified as passive because they are “Use of Facilities” as defined in NTP&S documentation Appendix B.

iii. **Gross revenue received:**

- The revenues from cities are recorded as other revenue. See summary below:

UTILITY TAXES	2017		
	Processing Fee per Bill	Total Bills	Total Revenue
POMONA	\$ -		\$ 40 *
ARCADIA	\$ 0.35	1,024	\$ 358
CITY OF CLAREMONT	\$ 0.18	3,335	\$ 584
CYPRESS	\$ 0.35	82,827	\$ 29,979 *
GARDENA	\$ 0.38	162,949	\$ 62,346 *
GARDENA - TRASH	\$ 0.38	0	\$ 990 *
HAWTHORNE	\$ 0.35	75,321	\$ 26,362
WASTE MANAGEMENT-SAN DIMAS	\$ 0.35	108,475	\$ 38,646 *
SANTA MARIA	\$ 0.35	9,246	\$ 5,216 *
SANTA MARIA-CYPRESS RIDGE **	\$ 1.00	4,686	\$ 4,726 *
SOUTH GATE	\$ 0.50	15,799	\$ 8,890 *
MONTEREY PARK	\$ 0.35	160	\$ 56
PLACENTIA	\$ 0.50	65,822	\$ 32,911
TOTAL			\$ 211,105

* - total includes fees charged for miscellaneous other requests from cities

** - service agreement in connection with Rural Company acquisition effective October 2015.

The 2017 rental revenue for cell sites is:

- o Apple Valley \$11,368
- o Bay Point \$22,786

iv. **Revenue allocated to ratepayers and to shareholders, as established in the company's current general rate case:**

The customers received the following:

- \$100,000 of the city billing service revenues plus 10% of the revenues in excess of \$100,000
- 30% of the Apple Valley cell site revenues
- 30% of the Bay Point cell site revenues

- v. **A complete identification of all regulated assets used in the transaction:**
- Utility used its billing system called Customer Care & Billing (“CC&B”) for the NTP&S transactions.
 - Apple Valley rental parcel is the South $\frac{1}{2}$ of the Northeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of section 34, Township 6 North, Range 3 West, San Bernardino base and Meridian, in the county of San Bernardino, state of California, according to the US government Township plat thereof.
 - Bay Point rental parcel is a portion of the Southeast $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 14, Township 2 North, Range 1 West, Mount Diablo Base and Meridian.
- vi. **A complete list of all employees (by position) that participated in providing the NTP&S, with amount of time spent on provision of the service:**
- Billing for trash, sewer, and others for the various cities:
 - Accountant – Annual time spent is approximately 60 hours
 - Controller - Annual time spent is approximately 6 hours
- Note: These are exempt positions therefore no incremental costs were incurred.
- Rental agreement requires two hours of a financial analyst’s time per year.
- vii. **If the NTP&S has been classified as active through advice letter submission, provide the number of the advice letter submission; provide the number of the advice letter and the authorizing resolution:**
Not applicable.
- viii. **If the NTP&S did not require approval through advice letter, provide the date notice was given to the Commission:**
Not applicable.

APPENDIX A

Charges From Golden State Water Company to It's Affiliates
For the 12 Months Ended December 31, 2017

CPUC WUDF ACCT Description	ASUS Total	AWR (holding Company)	Decrease GSWC Cost By a Total of	
615.00 OPERATING REVENUES	\$ -	-	\$ -	
OPERATION EXPENSES				
704.00 Purchased Water	-	-	-	
704.02 Bal Acct Provision	-	-	-	
726.00 Purchased Power	-	-	-	
735.00 Pump Taxes	-	-	-	
TOTAL SUPPLY EXPENSES	-	-	-	
REV LESS SUPPLY EXP	-	-	-	
744.00 Chemicals	-	-	-	
773.10 Allocated Customer Exp Labor	(53)	-	(53)	(a)
773.20 Allocated Customer Exp Other	-	-	-	(a)
773.00 Common Cust Account	-	-	-	
773.25 Postage	-	-	-	
775.00 Uncollectibles	-	-	-	
780.00 Operation Labor	-	-	-	(b)
782.00 Construction Costs	-	-	-	
781.00 All Other Operation Expenses	-	-	-	
TOTAL OPERATION EXPENSE	(53)	-	(53)	
787.00 Maintenance Labor	-	-	-	
788.00 Maintenance Expenses - Other	-	-	-	
TOTAL MAINT EXPENSES	-	-	-	
TOTAL O&M EXCL A&G	(53)	-	(53)	
792.00 Office Supplies & Expense	-	-	-	
793.00 Property Insurance	-	-	-	
794.00 Injuries & Damages	-	-	-	(c)
795.00 Pension & Benefits	-	-	-	(d)
796.00 Business Meals	-	-	-	
797.00 Regulatory Expenses	-	-	-	
798.00 Outside Services	-	-	-	
799.00 Miscellaneous	-	-	-	
799.10 Alloc General Office Labor	(1,205,297)	-	(1,205,297)	(a)
799.20 Alloc General Office Other	(2,792,013)	-	(2,792,013)	(a)
805.00 Oth Maint-Gen Plant	-	-	-	
811.00 Rent	-	-	-	
812.00 A&G Exp Capitalized	-	-	-	
815.00 A&G Labor	-	-	-	(b)
TOTAL ADM & GEN EXPENSES	(3,997,310)	-	(3,997,310)	
503.00 DEPREC & AMORT EXPENSE	-	-	-	
507.10 Property Taxes	-	-	-	
507.20 Payroll Taxes	-	-	-	(e)
507.30 Local Taxes	-	-	-	
TOTAL TAXES NOT ON INCOME	-	-	-	
TOTAL EXP EXCL INC TAX	\$ (3,997,363)	\$ -	\$ (3,997,363)	

- (a) Common Cost allocated from GSWC to its affiliates based on a study ordered by the Commission via D. 13-05-011.
- (b) Direct labors charged by GSWC to its affiliates, which include operating labor, maintenance labor, and administrative and general labor.
- (c) Workers' compensation and general liability expenses are treated as burdens (benefits) to labor costs in (b).
- (d) Health/dental insurances and company's match for 401K are also treated as burdens/benefits to labor costs in (b).
- (e) Payroll taxes associated with the labor in (b)

Schedule I
2017 GSWC
Financial arrangement and transactions between GSWC and affiliates

Name of Affiliate	Initiation Date	Loan Repayment Date	Actual Term (days)	Loan Amount	Rate of Interest (Annual)	Repayment Amount	Repayment Date
American States Water Co	12/1/2016	1/3/2017	33	10,000,000	1.2750%	10,000,000	1/3/2017
American States Water Co	12/5/2016	1/5/2017	31	10,000,000	1.3375%	10,000,000	1/5/2017
American States Water Co	12/7/2016	1/9/2017	33	10,000,000	1.3375%	10,000,000	1/9/2017
American States Water Co	12/14/2016	1/17/2017	34	13,000,000	1.4000%	13,000,000	1/17/2017
American States Water Co	12/14/2016	1/17/2017	34	4,000,000	1.4000%	4,000,000	1/17/2017
American States Water Co	12/14/2016	1/17/2017	34	1,000,000	1.4000%	1,000,000	1/17/2017
American States Water Co	12/21/2016	1/23/2017	33	5,000,000	1.4000%	5,000,000	1/23/2017
American States Water Co	12/21/2016	1/23/2017	33	2,000,000	1.4000%	2,000,000	1/23/2017
American States Water Co.	12/28/2016	1/30/2017	33	6,000,000	1.4625%	6,000,000	1/30/2017
American States Water Co.	12/30/2016	1/30/2017	31	3,000,000	1.4625%	3,000,000	1/30/2017
American States Water Co.	12/30/2016	1/30/2017	31	500,000	1.4625%	500,000	1/30/2017
American States Water Co.	1/3/2017	2/3/2017	31	10,000,000	1.4625%	10,000,000	2/3/2017
American States Water Co.	1/5/2017	2/6/2017	32	10,000,000	1.4625%	10,000,000	2/6/2017
American States Water Co.	1/9/2017	2/9/2017	31	8,000,000	1.4625%	8,000,000	2/9/2017
American States Water Co.	1/17/2017	2/17/2017	31	1,000,000	1.4625%	1,000,000	2/17/2017
American States Water Co.	1/17/2017	2/17/2017	31	13,000,000	1.4625%	13,000,000	2/17/2017
American States Water Co.	1/17/2017	2/17/2017	31	2,000,000	1.4625%	2,000,000	2/17/2017
American States Water Co.	1/20/2017	2/21/2017	32	2,500,000	1.4625%	2,500,000	2/21/2017
American States Water Co.	1/23/2017	2/23/2017	31	5,000,000	1.4625%	5,000,000	2/23/2017
American States Water Co.	1/23/2017	2/23/2017	31	2,000,000	1.4625%	2,000,000	2/23/2017
American States Water Co.	1/30/2017	2/28/2017	29	6,000,000	1.4625%	6,000,000	2/28/2017
American States Water Co.	1/30/2017	2/28/2017	29	500,000	1.4625%	500,000	2/28/2017
American States Water Co.	2/3/2017	3/3/2017	28	10,000,000	1.4625%	10,000,000	3/3/2017
American States Water Co.	2/6/2017	3/6/2017	28	10,000,000	1.4625%	10,000,000	3/6/2017
American States Water Co.	2/9/2017	3/9/2017	28	8,000,000	1.4625%	8,000,000	3/9/2017
American States Water Co.	2/17/2017	3/17/2017	28	1,000,000	1.4625%	1,000,000	3/17/2017
American States Water Co.	2/17/2017	3/17/2017	28	13,000,000	1.4625%	13,000,000	3/17/2017
American States Water Co.	2/17/2017	3/17/2017	28	2,000,000	1.4625%	2,000,000	3/17/2017
American States Water Co.	2/21/2017	3/21/2017	28	2,500,000	1.4625%	2,500,000	3/21/2017
American States Water Co.	3/21/2017	3/23/2017	2	2,500,000	1.4625%	2,500,000	3/23/2017
American States Water Co.	2/23/2017	3/23/2017	28	5,000,000	1.4625%	5,000,000	3/23/2017
American States Water Co.	2/23/2017	3/23/2017	28	1,000,000	1.4625%	1,000,000	3/23/2017
American States Water Co.	2/28/2017	3/28/2017	28	6,000,000	1.4625%	6,000,000	3/28/2017
American States Water Co.	2/28/2017	3/28/2017	28	500,000	1.4625%	500,000	3/28/2017
American States Water Co.	2/28/2017	3/28/2017	28	3,000,000	1.4625%	3,000,000	3/28/2017
American States Water Co.	3/3/2017	4/3/2017	31	10,000,000	1.4625%	10,000,000	4/3/2017
American States Water Co.	3/6/2017	4/6/2017	31	10,000,000	1.5250%	10,000,000	4/6/2017
American States Water Co.	3/9/2017	4/10/2017	32	8,000,000	1.5250%	8,000,000	4/10/2017
American States Water Co.	3/17/2017	4/18/2017	32	2,000,000	1.6500%	2,000,000	4/18/2017
American States Water Co.	3/17/2017	4/18/2017	32	1,000,000	1.6500%	1,000,000	4/18/2017
American States Water Co.	3/17/2017	4/18/2017	32	13,000,000	1.6500%	13,000,000	4/18/2017
American States Water Co.	3/23/2017	4/24/2017	32	1,500,000	1.6500%	1,500,000	4/24/2017
American States Water Co.	3/23/2017	4/24/2017	32	5,000,000	1.6500%	5,000,000	4/24/2017
American States Water Co.	3/28/2017	4/28/2017	31	5,000,000	1.6500%	5,000,000	4/28/2017
American States Water Co.	3/28/2017	4/28/2017	31	500,000	1.6500%	500,000	4/28/2017
American States Water Co.	3/28/2017	4/28/2017	31	3,000,000	1.6500%	3,000,000	4/28/2017
American States Water Co.	4/17/2017	4/18/2017	1	1,000,000	1.6500%	1,000,000	4/18/2017
American States Water Co.	4/3/2017	5/3/2017	30	10,000,000	1.6500%	10,000,000	5/3/2017
American States Water Co.	4/6/2017	5/8/2017	32	10,000,000	1.6500%	10,000,000	5/8/2017
American States Water Co.	4/10/2017	5/10/2017	30	8,000,000	1.6500%	8,000,000	5/10/2017
American States Water Co.	4/13/2017	5/15/2017	32	3,000,000	1.6500%	3,000,000	5/15/2017
American States Water Co.	4/18/2017	5/18/2017	30	2,000,000	1.6500%	2,000,000	5/18/2017
American States Water Co.	4/18/2017	5/18/2017	30	1,000,000	1.6500%	1,000,000	5/18/2017
American States Water Co.	4/18/2017	5/18/2017	30	14,000,000	1.6500%	14,000,000	5/18/2017
American States Water Co.	4/24/2017	5/24/2017	30	5,000,000	1.6500%	5,000,000	5/24/2017
American States Water Co.	4/24/2017	5/24/2017	30	1,500,000	1.6500%	1,500,000	5/24/2017
American States Water Co.	4/28/2017	5/30/2017	32	5,000,000	1.6500%	5,000,000	5/30/2017
American States Water Co.	4/28/2017	5/30/2017	32	1,000,000	1.6500%	1,000,000	5/30/2017
American States Water Co.	4/28/2017	5/30/2017	32	3,000,000	1.6500%	3,000,000	5/30/2017
American States Water Co.	5/1/2017	5/3/2017	2	4,000,000	1.6500%	4,000,000	5/3/2017
American States Water Co.	5/3/2017	6/5/2017	33	10,000,000	1.6500%	10,000,000	6/5/2017
American States Water Co.	5/3/2017	6/5/2017	33	4,000,000	1.6500%	4,000,000	6/5/2017
American States Water Co.	5/8/2017	6/8/2017	31	10,000,000	1.6500%	10,000,000	6/8/2017
American States Water Co.	5/10/2017	6/8/2017	29	5,000,000	1.6500%	5,000,000	6/8/2017
American States Water Co.	5/15/2017	6/8/2017	24	3,000,000	1.6500%	3,000,000	6/8/2017
American States Water Co.	5/18/2017	6/8/2017	21	1,000,000	1.6500%	1,000,000	6/8/2017
American States Water Co.	5/18/2017	6/19/2017	32	14,000,000	1.6500%	14,000,000	6/19/2017

American States Water Co.	5/24/2017	6/8/2017	15	3,000,000	1.7125%	3,000,000	6/8/2017
American States Water Co.	5/30/2017	6/8/2017	9	5,000,000	1.7125%	5,000,000	6/8/2017
American States Water Co.	5/30/2017	6/30/2017	31	1,000,000	1.7125%	1,000,000	6/30/2017
American States Water Co.	5/30/2017	6/8/2017	9	3,000,000	1.7125%	3,000,000	6/8/2017
American States Water Co.	6/5/2017	6/30/2017	25	10,000,000	1.7750%	10,000,000	6/30/2017
American States Water Co.	6/5/2017	7/5/2017	30	4,000,000	1.7750%	4,000,000	7/5/2017
American States Water Co.	6/30/2017	7/20/2017	20	3,000,000	1.9000%	3,000,000	7/20/2017
American States Water Co.	7/5/2017	7/13/2017	8	5,000,000	1.9000%	5,000,000	7/13/2017
American States Water Co.	8/2/2017	9/5/2017	34	8,000,000	1.9000%	8,000,000	9/5/2017
American States Water Co.	9/1/2017	9/21/2017	20	8,500,000	1.9000%	8,500,000	9/21/2017
American States Water Co.	9/1/2017	9/28/2017	27	2,000,000	1.9000%	2,000,000	9/28/2017
American States Water Co.	9/5/2017	10/5/2017	30	8,000,000	1.9000%	8,000,000	10/5/2017
American States Water Co.	9/14/2017	10/16/2017	32	13,000,000	1.9000%	13,000,000	10/16/2017
American States Water Co.	9/21/2017	10/23/2017	32	8,500,000	1.9000%	8,500,000	10/23/2017
American States Water Co.	10/5/2017	10/11/2017	6	4,000,000	1.9000%	4,000,000	10/11/2017
American States Water Co.	10/11/2017	11/6/2017	26	1,000,000	1.9000%	1,000,000	11/6/2017
American States Water Co.	10/16/2017	11/16/2017	31	13,000,000	1.9000%	13,000,000	11/16/2017
American States Water Co.	10/23/2017	11/24/2017	32	8,500,000	1.9000%	8,500,000	11/24/2017
American States Water Co.	11/6/2017	12/6/2017	30	1,000,000	1.9000%	1,000,000	12/6/2017
American States Water Co.	11/16/2017	12/18/2017	32	13,000,000	1.9625%	13,000,000	12/18/2017
American States Water Co.	11/24/2017	12/27/2017	33	8,500,000	2.0250%	8,500,000	12/27/2017
American States Water Co.	12/1/2017	12/29/2017	28	10,000,000	2.0250%	10,000,000	12/29/2017
American States Water Co.	12/6/2017	1/8/2018	33	1,000,000	2.0875%	1,000,000	1/8/2018
American States Water Co.	12/11/2017	1/11/2018	31	5,000,000	2.0875%	5,000,000	1/11/2018
American States Water Co.	12/14/2017	1/16/2018	33	15,000,000	2.1500%	15,000,000	1/16/2018
American States Water Co.	12/18/2017	1/18/2018	31	13,000,000	2.1500%	13,000,000	1/18/2018
American States Water Co.	12/27/2017	1/29/2018	33	1,000,000	2.2125%	1,000,000	1/29/2018
Total - Balance at year end				35,000,000			

California Public Utilities Commission
Affiliate Transaction Rules
Compliance Plan
GOLDEN STATE WATER COMPANY

For Rules Adopted in D.10-10-019 and as
Modified in D.11-10-034 and D.12-01-042

March 5, 2018

Table of Contents

INTRODUCTION	1
AFFILIATE TRANSACTION RULES APPLICABLE TO CLASS A AND B WATER UTILITIES	3
RULE I. JURISDICTION AND APPLICABILITY	3
RULE II. DEFINITIONS	6
RULE III. UTILITY OPERATIONS AND SERVICE QUALITY	10
RULE IV. SEPARATION	11
RULE V. SHARED CORPORATE SUPPORT	14
RULE VI. PRICING OF GOODS AND SERVICES BETWEEN THE UTILITY AND ITS AFFILIATE(S)	15
RULE VII. FINANCIAL HEALTH OF THE UTILITY	17
RULE VIII. REGULATORY OVERSIGHT	19
RULE IX. CONFIDENTIALITY	23
RULE X. PROVISION OF NON-TARIFFED PRODUCTS AND SERVICES (NTP&S)	23
APPENDIX A	27
APPENDIX B	28

INTRODUCTION

In compliance with Rule VIII.C of the California Public Utilities Commission's ("CPUC") Rules for Water and Sewer Utilities Regarding Affiliate Transactions and the Use of Regulated Assets for Non-Tariffed Utility Services adopted in Decision ("D.") 10-10-019 and as modified in D.11-10-034 and D.12-01-042 for Class A and B Water Companies, Golden State Water Company ("GSWC") has prepared and files this 2018 Affiliate Transaction Rules Compliance Plan ("2018 Plan"), which reflects its continuous efforts to comply with the Affiliate Transactions Rules ("Rules" or "ATRs").

GSWC's Plan includes a variety of procedures and mechanisms for continuance compliance with these Rules, which when taken as a whole, provides a comprehensive approach to ATRs compliance. Although not specifically described in the 2018 Plan, all Rules have been implemented by means of a combination of one or more of the following:

- Development and distribution of written policies and procedures;
- Education, training for and communications to employees of GSWC and GSWC's affected affiliates¹;
- Collection of companywide records for required reports and reviews;
- Monitoring affiliate transactions and overall compliance on a continuing basis;
- Additional training and corrective actions as needed; and
- Biennial independent audits.

GSWC's Regulatory Affairs Department, which reports to President and Chief Executive Officer, has implemented this 2018 Plan. The compliance plan clearly articulates what GSWC employees must do to ensure compliance with the Affiliate Transaction Rules. Among the compliance tools that the Regulatory Affairs Department uses are: new employee education and training; a document that describes certain policies and procedures governing affiliate transactions; preparing compliance reports for the Division of Water & Audits, as prescribed; and ongoing internal reviews of compliance with the Rules.

In the following pages, each Rule is shown in bold font. Following each Rule, in normal font, is GSWC's Plan (where applicable).

GSWC has the following specific mechanisms and procedures in place to comply with these Affiliate Transaction Rules:


¹ Although investment management companies are considered affiliates by definition, GSWC does not engage in any affiliate transactions with these companies. Investment management companies are excluded from any education, training and communication.

- (1) Written policies, which are disseminated to employees of GSWC and those subsidiaries that are governed by these Rules, and which describe these Rules and their obligations hereunder;
- (2) Employees of GSWC, who provide permitted corporate support or shared services and who have access to non-public utility information, are required to sign a statement that they are aware of, have read and will follow all written policies regarding limitations on the use of non-public Utility information and that failure to observe these limitations in the future may result in subjecting them to corporate discipline policies;
- (3) All support personnel, services, physical plant, equipment, supplies, and other overhead owned by and used by American States Water Company are charged to GSWC Corp., as appropriate;
- (4) All corporate support services rendered by GSWC employees to affiliates are charged to the affiliates receiving the services in accordance with the Affiliate Transactions procedures;
- (5) Periodic training and reminders regarding the Rules are provided to the employees of GSWC and affected affiliates;
- (6) GSWC employee transfers to or hires by affiliates are tracked by GSWC to ensure that they conform to the Rules; and
- (7) GSWC employees have the responsibility to report any violation detected or suspected to their supervisor, Human Capital Management, the Internal Audit Manager, senior management or the Fraud, Waste, and Ethics Hotline (888-373-8817), or the Company's internet ethics website (www.ethicspoint.com).

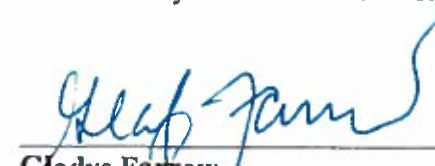
GSWC recognizes that many of these rules are identical or very similar in nature to GSWC's Holding Company Rules ("Holding Company Rules") adopted by the Commission with Decision 98-06-068 on June 18, 1998. GSWC has included a comparison of the Holding Company Rules to these Rules in Appendix B to the 2018 Plan. Also, where applicable, GSWC has noted the Holding Company Rule related to these Rules in its 2018 Plan.

GSWC has been, since 1998, and continues to be in compliance with its Holding Company Rules unless otherwise changed by these Rules.

The undersigned verify the adequacy of these specific mechanisms to ensure that the utility is not utilizing the parent company or any of its affiliates not covered by these Rules as a conduit to circumvent any of these Rules.



Keith Switzer
Vice President of Regulatory Affairs,
Golden State Water Company



Gladys Farrow
Vice President of Finance, Treasurer and
Assistant Secretary, American States Water

Affiliate Transaction Rules Applicable to Class A and B Water Utilities

RULE I. Jurisdiction and Applicability

I.A.

These Rules apply to all Class A and Class B California public utility water and sewer corporations or companies subject to regulation by the California Public Utilities Commission (Commission).

GSWC Compliance:

As a Class A water utility subject to Commission regulation, GSWC affirms that these Rules apply to it and its employees. GSWC maintains appropriate procedures and mechanisms to ensure compliance with these Rules. Further, GSWC's training materials and resources reference the respective compliance requirements associated with each rule.

GSWC notes that many of these Rules are identical or very similar in nature to its Holding Company Rules adopted by Commission Decision 98-06-068, which GSWC has been in compliance with since 1998.

Based on its participation in the proceeding leading up to these rules and the applicability of its Holding Company Rules, GSWC has interpreted these rules to the best of its knowledge.

I.B.

These Rules apply to transactions between a Commission-regulated utility and another affiliated entity that is engaged in the provision of products that use water or sewer services or the provision of services that relate to the use of water or sewer services, including the utility's parent company, and to the utility's use of regulated assets for non-tariffed utility services, unless specifically modified or exempted by the Commission. Transactions between a Commission-regulated utility and an affiliated utility regulated by a state regulatory commission (whether the utility is located in California or elsewhere) are exempt from these Rules, except for provisions of Rule IV.B and Rule X.

GSWC Compliance:

GSWC's affiliate, American States Utility Services Inc. ("ASUS") is a California corporation that operates water and wastewater systems on military bases outside of California, under 50-year contracts with the U.S. government, and is regulated by the Public Utilities Commission in each state where it provides water and/or wastewater service; and therefore is exempt under Rule I.B. GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule IV.B and Rule X. Further, GSWC maintains a current list of covered affiliates, as defined in Rule II.E, and for each affiliate a description of its purposes or activities, and the applicability of the Rules to the affiliates. See Appendix A for a list of GSWC's affiliates. GSWC reserves the right to reclassify an affiliate as the activities of that affiliate dictate.

I.C.

Utilities shall comply with all applicable State and Federal statutes, laws and administrative regulations.

GSWC Compliance:

GSWC affirms that it is in compliance with all applicable State and Federal statutes, laws and administrative regulations to which it is subject.

I.D.

Existing Commission rules for each utility and its parent company continue to apply except to the extent they conflict with these Rules. In such cases, these Rules supersede prior rules and guidelines, provided that nothing herein shall preclude (1) the Commission from adopting other utility-specific guidelines; or (2) a utility or its parent company from adopting other utility-specific guidelines, with advance Commission approval through Decision or Resolution. In the case of ambiguity regarding whether a conflict exists, there shall be a rebuttable presumption that these Rules apply.

GSWC Compliance:

GSWC notes that its Holding Company Rule 14 allowed debt of the holding company or affiliates to be guaranteed by the utility with prior approval by the Commission. ATR VII.D forbids the debt of the holding company or affiliates to be guaranteed by the utility.

Rule VII.F adopts Holding Company Rules 12, 13, 15 and 16. Holding Company Rule 15 requires approval of issuance of holding company or affiliate debt if guaranteed by the Utility yet ATRs VII.D forbids the debt of the holding company to be guaranteed by the utility. This appears to be a conflict.

GSWC will continue to abide by ATR VII.D.

I.E.

Where these Rules do not address an item currently addressed in a utility's existing rules imposed by this Commission, which govern that utility's transactions with its affiliate(s) or its use of regulated assets for non-tariffed utility services, the existing utility-specific rules continue to apply for that item only.

GSWC Compliance:

GSWC notes that the following Holding Company Rules are not specifically addressed in the Affiliate Transaction Rules:

11. Capital Requirements. The capital requirements of the Utility shall be given first priority by the Utility's board of directors and, consistent with its fiduciary responsibilities, by the holding company's board of directors, as well.

20. Unregulated Operations And Transfer Of Employees.

d. The Utility shall endeavor to transfer to its affiliates any employee whose primary responsibility is to conduct unregulated operations, taking into

consideration the Utility's obligations to any such employee, its obligations under any contract with its unions or others, and the cost of providing comparable terms of employment.

23. **Transfer Of Intangible Assets And Goods From The Utility.** Any transfer without monetary consideration of any intangible asset or good from the Utility to any affiliate shall be priced at cost or fair market value, whichever is higher, if the asset or good is currently, or was at any time, included in the Utility's ratebase, including (a) any asset or good booked to plant held for future use that is currently, or was at any time, included in the Utility's ratebase or (b) any asset or good to which the Utility's ratepayers have contributed any carrying or operating cost. Any gain resulting from the transfer of any such asset or good shall be allocated in accordance with applicable provisions of the Public Utilities Code and policies of the Commission. Absent any change in the applicable policy of the Commission or provision of the Public Utilities Code, all gain from the transfer of any such asset or good without monetary consideration shall be allocated to ratepayers.

24. For the purposes of this Settlement, intangible assets and goods shall mean all intellectual property (whether such property constitutes patents, trademarks, service marks, copyrights, or any other intellectual property).

GSWC will continue to abide by these Holding Company Rules.

I.F.

These Rules do not preclude or stay any form of civil relief, or rights or defenses thereto, that may be available under state or federal law.

GSWC Compliance:

GSWC affirms that these Rules do not preclude or stay any form of civil relief, or rights or defenses thereto, that may be available under state or federal law.

I.G.

A California utility that is also a multi-state utility and subject to the jurisdiction of other state regulatory commissions, may file an application with this Commission, served on all parties to this proceeding and its most recent general rate case, requesting a limited exemption from these Rules or a part thereof, for transactions between the utility solely in its capacity serving its jurisdictional areas wholly outside of California, and its affiliates if such out-of-state operations do not substantially affect the utility's operations and the operating costs inside California. The applicant has the burden of proof.

GSWC Compliance:

GSWC is not a multi-state utility and therefore, Rule I.G does not apply to GSWC.

I.H.

A California utility's affiliates that operate entirely outside of California are exempt from Rule III.B and Rule III.C of these Rules, for transactions between the utility and such affiliates, if the affiliates' operations do not substantially affect the utility's operations and the operating costs inside California.

GSWC Compliance:

GSWC's affiliate, ASUS, operates water and wastewater systems on military bases outside of California and is regulated by the Public Utilities Commission in each state where it provides water and/or wastewater service. GSWC provides Corporate Support for ASUS and ASUS pays GSWC for services rendered as determined in GSWC's most recent GRC Decision. Most of ASUS' operations are not within California, and as noted in Rule I.H, do not substantially affect the utility's operations and therefore, GSWC considers ASUS exempt under Rule I.H, from Rule III.B and Rule III.C.

I.I.

These Rules shall be interpreted broadly, to effectuate the Commission's stated objectives of protecting consumer and ratepayer interests and, as an element thereof, preventing anti-competitive conduct.

GSWC Compliance:

GSWC affirms that, for its particular circumstances, application of these Rules, broadly interpreted, will protect consumer and ratepayer interests and will prevent anti-competitive conduct.

RULE II. Definitions

II.A. "Parent company" or "parent"

"Parent company" or "parent" is the entity, including a holding company or corporation, that owns, or has substantial operational control (as defined in Rule II.E) of, the regulated utility.

II.B. "Utility"

"Utility" (unless specified as a water utility) refers to all water utilities and sewer utilities regulated by the Commission.

II.C. "Water utility"

"Water utility" refers to all water utilities regulated by the Commission.

II.D. "Sewer utility"

"Sewer utility" refers to all sewer utilities regulated by the Commission.

II.E. "Affiliate"

"Affiliate" means any entity whose outstanding voting securities are more than 10 percent owned, controlled, directly or indirectly, by a utility, by its parent company, or by any subsidiary of either that exerts substantial operational control.

For purposes of these Rules, “substantial operational control” includes, but is not limited to, the possession, directly or indirectly of the authority to direct or cause the direction of the management or policies of a company. A direct or indirect voting interest of more than 10 percent by the utility in an entity’s company creates a rebuttable presumption of substantial operational control.

For purposes of these Rules “affiliate” includes the utility’s parent company, or any company that directly or indirectly owns, controls, or holds the power to vote more than 10 percent of the outstanding voting securities of a utility or its parent company.

Regulated subsidiaries of a utility, the revenues and expenses of which are subject to regulation by the Commission and are included by the Commission in establishing rates for the utility, are not included within the definition of affiliate for the purpose of these Rules. However, these Rules apply to all interactions any such regulated subsidiary has with other affiliated unregulated entities covered by these Rules.

For the purposes of this Rule, “affiliate” shall not include a mutual water company, a joint powers authority, other governmental or quasi-governmental agency or authority, a public/private partnership, a watermaster board, a water basin association, or a groundwater management authority in which a utility participates or in which a utility is a member or shareholder.

GSWC Compliance:

GSWC affirms and applies these definitions in the administration of its procedures, mechanisms and policies for ensuring compliance with these rules.

Investment management companies that acquire more than 10% of AWR’s outstanding shares are considered affiliates of the Utility. However, GSWC does not engage in any affiliate transactions with these companies. Refer to GSWC’s response to Rule VIII.D in this Compliance Plan.

Bear Valley Electric Services (BVES) is a division of GSWC and not an affiliate of the Utility. For purposes of these Rules, the ATRs apply to BVES when providing services to GSWC’s Affiliates.

This rule excludes the following entities from the definition of affiliate, with which GSWC has business relationships, and over which it exercises some degree of influence or control:

- American River (Folsom rights)
- Central Basin Municipal Water District
- Central Basin Water Association
- Central Basin Water Rights Panel
- Central Coast Water Authority
- Chino Basin Watermaster
- Covina Irrigating Company
- Joint Management Committee of the Alamitos Barrier Project
- Los Osos Basin Management Committee
- Main San Gabriel Basin Watermaster

Metropolitan Water District of Southern California
Mojave Basin Watermaster
Mojave Water Agency
Nipomo Mesa Management Area
Nipomo Community Service District
Ojai Basin Groundwater Management Agency
Orange County Water District
Pomona Valley Protective Association
Regional Water Authority (Sacramento)
Sacramento Central Groundwater Authority
Sacramento Groundwater Authority
San Gabriel Basin Water Quality Authority
San Gabriel Valley Protective Association
San Gabriel Valley Water Association
Six Basin Watermaster
Southeast Water Coalition Joint Powers Authority
Three Valleys MWD - Miramar Plant
Twitchell Management Authority
Water Replenishment District
West Basin Water Association
West Basin Water Rights Panel
West End Consolidated Water Company
Yolo County Flood Control and Water Conservation District

and additionally, all joint powers authorities (“JPA”), watermaster boards, public-private partnerships, groundwater basin management authorities, and/or mutual water companies that GSWC may enter into or conduct transactions with and any other entities as listed under the definition of “affiliate”.

II.F. “Costs”

“Costs” are used in these Rules to refer to the total expenses assigned or allocated to different projects or activities through the utility’s and parent company’s accounting systems. Cost categories include:

1. ***Direct Costs.*** Direct costs are costs that can be clearly identified to specific projects or activities because the resource in question, or some measurable portion of that resource, has been dedicated to the project or activity. An example would be the hours of a worker’s time spent on the effort, materials purchased and used specifically on that effort, or the proportion of a machine’s hours dedicated to the effort.
2. ***Direct Overhead Costs.*** For organizations that produce multiple outputs, direct overhead costs are the common costs of a subset of the organization, such as supervisors and support staff of a division not assigned or traceable to specific projects, or machinery shared among a subset of the company’s projects. Such overhead costs require allocation to specific projects through proxies and methodologies designed to accurately reflect the particular production aspects of each project; e.g., some processes are more capital-intensive than others and

need less supervision input. Allocation methodologies for direct overhead costs can make use of several factors, often activity-based and often using “cost causation” as one of the principles in their design.

3. *Indirect Overhead Costs.* Indirect overhead costs are functions that affect the entire organization, such as the headquarters building, the Chief Executive Officer and Chief Financial Officer, General Counsel and associated legal support, personnel departments, security for this building or these offices, shareholder and public relations, insurance, depreciation, advertising, and similar functions. These are real costs of the organization and must be allocated to the ongoing projects and activities to determine the total cost of each. These are also sometimes called “General Overhead Costs.”
4. *Fully-loaded* (also known as fully-allocated) costs. Fully-loaded (or fully-allocated) costs refer to the total cost of a project or activity, which is the sum of Direct, Direct Overhead, and Indirect Overhead costs, as defined in Rule II.F.1, 2 and 3.

II.G. “Transaction”

“Transaction” means any transfer of an item of value such as a good, service, information or money between a utility and one or more of its affiliates.

II.H. “Property”

“Property” refers to any right or asset, tangible or intangible, to which an entity has legal or equitable title.

II.I. “Real Property”

“Real property” refers to any interest in real estate including leases, easements, and water rights.

II.J. “Customer”

“Customer” means any person, firm, association, corporation or governmental agency supplied or entitled to be supplied with water, wastewater, or sewer service for compensation by a utility.

II.K. “Customer information”

“Customer information” means information and data specific to a utility customer which the utility acquired or developed in the course of its provision of utility services.

II.L. “Cross-subsidy”

“Cross-subsidy” means the unauthorized over-allocation of costs to captive ratepayers resulting in under-allocation of costs to a utility affiliate.

GSWC Compliance:

GSWC affirms these definitions and applies these definitions in the administration of its procedures, mechanisms and policies for ensuring continuous compliance with these rules.

RULE III. Utility Operations and Service Quality

III.A.

A utility shall not allow transactions with affiliates to diminish GSWC staffing, resources, or activities in a manner that would result in degradation of the reliability, efficiency, adequacy, or cost of utility service or an adverse impact on customer service. Utility management attention shall not be diverted to such transactions in a way that would result in such degradation. The utility's parent and affiliates shall not acquire utility assets at any price if such transfer of assets would impair the utility's ability to fulfill its obligation to serve or to operate in a prudent and efficient manner.

GSWC Compliance:

GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule III.A. Further, GSWC's ongoing compliance with General Order 103-A precludes the possibility of degradation of the reliability, efficiency, adequacy, or cost of utility service (in particular, Section II of GO 103-A, Standards of Service, "requires that each utility shall operate its system so as to deliver reliable, high quality service to its customers at reasonable cost" and that "each water utility shall ensure that it complies with the [California Dept. of Public Health's] permit requirements and all applicable drinking water regulations"). Furthermore, GSWC's compliance with Public Utilities Code Section 851 precludes the acquisition of utility assets in such a manner as to impair the utility's ability to fulfill its obligation to serve or to operate in a prudent and efficient manner.

In addition, GSWC notes that Rule III.A is similar to GSWC's Holding Company Rules 20 b and c; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to be.

III.B.

Except as otherwise provided by these Rules, a utility shall not

- 1. Provide leads to its affiliates;**
- 2. Solicit business on behalf of its affiliates;**
- 3. Acquire information on behalf of or to provide to its affiliates;**
- 4. Share market analysis reports or any other types of proprietary or non-publicly available reports, including but not limited to market, forecast, planning or strategic reports, with its affiliates, except that a utility may share such information with a parent under the condition that the parent does not share the information with any other entity;**
- 5. Request authorization from its customers to pass on customer information exclusively to its affiliates;**
- 6. Give the appearance that the utility speaks on behalf of its affiliates; or**
- 7. Represent that, as a result of the affiliation with the utility, its affiliates or customers of its affiliates will receive any different treatment by the utility than the treatment the utility provides to other, unaffiliated companies or their customers.**

8. Provisions 3, 4 and 5 of Rule III.B shall not apply to utility affiliates that are non-profit and whose sole purpose is to serve the functions of regulated utilities, the parents of regulated utilities, governmental or non-profit entities, including non-profit affiliates of regulated utilities.
9. Utilities may file an Advice Letter seeking an exemption to Rule III.B.8 within ninety days of the effective date of the Commission decision adopting these rules, requesting that a non-profit affiliate subject to Rule III.B.8 be allowed to serve the functions of other affiliates, as long as those other affiliates provide no more than five per cent of the annual revenues of the non-profit affiliate.

GSWC Compliance:

As noted in compliance to Rule I.H; GSWC's affiliate, ASUS, operates water and wastewater systems outside of California and is regulated by the Public Utilities Commission in each state where it provides water and/or wastewater service. GSWC provides Corporate Support for ASUS and ASUS pays GSWC for services rendered as determined in GSWC's most recent GRC Decision. Most of ASUS' operations are not within California, and do not substantially affect the utility's operations and therefore, is exempt from Rule III.B.

III.C.

Except as provided for elsewhere in these rules, if a utility provides customer or utility information, services, or unused capacity or supply to an affiliate, it must offer such customer or utility information, services, or unused capacity or supply to all similarly situated market participants in a non-discriminatory manner, which includes offering on a timely basis.

GSWC Compliance:

As noted in compliance to Rule I.H; GSWC's affiliate, ASUS, operates water and wastewater systems outside of California and is regulated by the Public Utilities Commission in each state where it provides water and/or wastewater service. GSWC provides Corporate Support for ASUS and ASUS pays GSWC for services rendered as determined in GSWC's most recent GRC Decision. Most of ASUS' operations are not within California and do not substantially affect the utility's operations and therefore, is exempt from Rule III.C.

RULE IV. Separation

IV.A.

The utility shall maintain accounting records in accordance with Generally Accepted Accounting Principles, the Commission's Uniform System of Accounts, Commission decisions and resolutions, and the Public Utilities Code.

GSWC Compliance:

As a Registrant with the Securities and Exchange Commission ("SEC"), GSWC affirms that it maintains its accounting records in accordance with Generally Accepted Accounting Principles, the Commission's Uniform System of Accounts, relevant Commission decisions and resolutions, and that its accounting records are consistent with the provisions in Public Utility Code Sections 314 and 701. Utility accounting records are available for review upon Commission request.

American States Water Company financial statements and GSWC financial statements are audited by their independent accountants on an annual basis.

Furthermore, GSWC notes that Rule IV.A. is similar to GSWC's Holding Company Rule 18; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

IV.B.

The utility, its parent and other affiliated companies shall allocate common costs among them in such a manner that the ratepayers of the utility shall not subsidize any parent or other affiliate of the utility.

GSWC Compliance:

GSWC affirms that it has adequate procedures, mechanisms and policies in place to comply with Rule IV.B. GSWC applies Rule II.F's definitions to its compliance with Rule IV.B. All such costs are reviewed and approved in each of GSWC's general rate cases.

Furthermore, GSWC notes that Rule IV.B. is similar to GSWC's Holding Company Rule 19; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

IV.C.

The utility shall list all shared directors and officers between the utility and its affiliates in its annual report to the Commission. Not later than 30 days following a change to this list, the utility shall notify the Director of the Division of Water and Audits and the Director of the Division of Ratepayer Advocates of the change(s).

GSWC Compliance:

GSWC affirms that it has adequate procedures, mechanisms and policies in place to comply with Rule IV.C. GSWC provides a list of all shared directors and officers between the utility and its affiliates in its Annual Report to the Commission. GSWC affirms that it will notify the Director of the Division of Water and Audits and the Director of the Office of Ratepayer Advocates² no later than 30 days following a change to the list of shared directors and officers.

IV.D.

Employees transferred or temporarily assigned from the utility to an affiliate shall not use non-public, proprietary utility information gained from the utility in a discriminatory or exclusive fashion to the benefit of the affiliate to the detriment of unaffiliated competitors.

² On September 26, 2013, the governor of California signed SB 96 changing the Division of Ratepayer Advocates' name to the Office of Ratepayer Advocates.

GSWC Compliance:

GSWC provides training to employees transferred or temporarily assigned to affiliates that fall under the applicability of this Rule, specifying that the employees shall not use non-public, proprietary utility information gained from the utility in a discriminatory or exclusive fashion to the benefit of the affiliate to the detriment of unaffiliated competitors.

IV.E.

All employee movement between a utility and its affiliates, as defined in Rule I.B, shall be consistent with the following provisions:

IV.E.1

A utility shall track and report to the Commission all employee movement between the utility and affiliates, consistent with Rule VIII.F.

GSWC Compliance:

GSWC interprets this Rule as being applicable to permanent movement only, and it affirms that it has adequate procedures, mechanisms and policies in place to comply with Rule IV.E.1. GSWC includes this information in its Annual Report to the Commission. GSWC's Affiliate Transactions Procedures document provides guidance for compliance with this Rule. The current version of the Affiliate Transactions Procedures document is available to the Commission upon request. These procedures may be updated periodically and issued by GSWC's affiliate rules compliance officer.

Furthermore, GSWC notes that Rule IV.E.1 is similar to GSWC's Holding Company Rules 10 C and D; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

IV.E.2

When an employee of a utility is transferred, assigned, or otherwise employed by the affiliate, the affiliate shall make a one-time payment to the utility in an amount equivalent to 15% of the employee's base annual compensation. All such fees paid to the utility shall be accounted for in a separate memorandum account to track them for future ratemaking treatment on an annual basis, or as otherwise necessary to ensure that the utility's ratepayers receive the fees. This transfer payment provision does not apply to clerical workers.

GSWC Compliance:

GSWC affirms that it has adequate procedures, mechanisms and policies in place to comply with Rule IV.E.2. GSWC includes this information in its Annual Report to the Commission. GSWC's Affiliate Transactions Procedures document provides guidance for compliance with this Rule. The current version of the Affiliate Transactions Procedures document is available to the Commission upon request. These procedures may be updated periodically and issued by GSWC's affiliate rules compliance officer.

IV.E.3

Utility employees may be used on a temporary or intermittent basis (less than 30% of an employee's chargeable time in any calendar year) by affiliates only if:

- a. All such use is documented, priced and reported in accordance with these Rules and existing Commission reporting requirements, except that when the affiliate obtains the services of a non-executive employee, compensation to the utility shall be priced at a minimum of the greater of fully loaded cost plus 5% of direct labor cost, or fair market values. When the affiliate obtains the services of an executive employee, compensation to the utility shall be priced at a minimum of the greater of fully loaded cost plus 15% of direct labor cost, or fair market value;
- b. Utility needs for utility employees always take priority over any affiliate requests;
- c. No more than 10% of full time equivalent utility employees may be on loan at a given time;
- d. Utility employees agree, in writing, that they will abide by these Rules; and
- e. Affiliate use of utility employees shall be conducted pursuant to a written agreement approved by the appropriate utility and affiliate officers.

GSWC Compliance:

GSWC affirms that it has adequate procedures, mechanisms and policies in place to comply with Rule IV.E.3. GSWC includes this information in its Annual Report to the Commission. GSWC's Affiliate Transactions Procedures document provides guidance for compliance with this Rule. The current version of the Affiliate Transactions Procedures document is available to the Commission upon request. These procedures may be updated periodically and issued by GSWC's affiliate rules compliance officer.

Because of the cost and difficulty associated with developing or obtaining the fair market value ("FMV") of an employee's time, when the use of an employee is determined to be infrequent, less than 5% of an employee's chargeable time in any calendar year, GSWC will charge the Affiliate in compliance with Rules IV.B. and VI.E. to ensure that the utility does not cross-subsidize the affiliate and forego an FMV determination.

RULE V. Shared Corporate Support

V.A.

A utility, its parent company, or a separate affiliate created solely to perform corporate support services may share with its affiliates joint corporate oversight, governance, support systems, and personnel as further specified in these Rules. Any shared support shall be priced, reported and conducted in accordance with these Rules as well as other applicable Commission pricing and reporting requirements.

GSWC Compliance:

GSWC's Affiliate Transactions Procedures document states that the portion of the fully loaded costs of shared corporate services that benefits American States Water Company and/or affiliates shall be charged to American States Water and/or affiliates. GSWC interprets this rule as permitting allocations pursuant to existing practice, previous GRC decisions, etc. to the extent allocations are in compliance with Rule IV.B.

Furthermore, GSWC provides Shared Corporate Support to its Affiliate Company, ASUS. Shared Corporate Support is allocated in Compliance with Rule IV.B. as determined in GSWC's most recent GRC Decision.

V.B.

Corporate support shall not be shared in a manner that allows or provides a means for the transfer of confidential information from the utility to the affiliate, creates the opportunity for preferential treatment or unfair competitive advantage, leads to customer confusion, or creates significant opportunities for cross-subsidy of affiliates. The restriction on transfer of confidential information from the utility to the affiliate does not apply to corporate support, shared services and access to capital.

GSWC Compliance:

GSWC interprets this Rule such that the restriction on transfer of confidential information from the utility to the affiliate does not apply to corporate support, shared services and access to capital. The provision of corporate support services will not provide a means for the transfer of confidential non-public Utility information from the Utility to an affiliate that would create the opportunity for preferential treatment or unfair competitive advantage, lead to customer confusion, or create significant opportunities for cross-subsidy of affiliates.

V.C.

Examples of services that may be shared include: corporate governance and oversight, payroll, taxes, shareholder services, insurance, financial reporting, financial planning and analysis, corporate accounting, corporate security, human resources (compensation, benefits, employment policies), employee records, regulatory affairs, lobbying, legal, and pension management, engineering, water or sewage for resale, water storage capacity, and purchasing of water distribution systems.

GSWC Compliance:

GSWC affirms that all of the services listed in Rule V.C can be shared between GSWC, its parent company (if applicable) and all covered affiliates.

V.D.

Examples of services that may not be shared include: hedging and financial derivatives and arbitrage services, and marketing.

GSWC Compliance:

GSWC affirms that all of the services listed in Rule V.D cannot be shared between GSWC, its parent company (if applicable) and all covered affiliates.

RULE VI. Pricing of Goods and Services between the Utility and Its Affiliate(s)

To the extent that these Rules do not prohibit the transfer of goods and services between a utility and its affiliates:

VI.A.

Transfers from the utility to its affiliates of goods and services offered by the utility on the open market will be priced at fair market value.

VI.B.

Transfers from an affiliate to the utility of goods and services offered by the affiliate on the open market shall be priced at no more than fair market value.

VI.C.

For goods or services for which the price is regulated by a state agency, that price shall be deemed to be the fair market value, except that in cases where more than one state commission regulates the price of goods or services, this Commission's pricing provisions govern.

VI.D.

Goods and services produced, purchased or developed to be offered on the open market by the utility shall be provided to the utility's affiliates and unaffiliated companies on a nondiscriminatory basis, except as otherwise required or permitted by these Rules or applicable law.

VI.E.

Transfers from the utility to its affiliates of goods and services not produced, purchased or developed to be offered on the open market by the utility shall be priced at fully allocated cost plus 5% of direct labor cost.

VI.F.

Transfers from an affiliate to the utility of goods and services not produced, purchased or developed to be offered on the open market by the affiliate shall be priced at the lower of fully loaded cost or fair market value.

VI.G.

The utility shall develop a verifiable and independent appraisal of fair market value for any goods or services that are transferred to any affiliated company at fair market value under these Rules. The Commission's staff shall have access to all supporting documents used in the development of the fair market value. If sufficient support for the appraisal of fair market value does not exist to the reasonable satisfaction of the Commission's staff, the utility shall hire an independent consultant acceptable to the Commission staff to reappraise the fair market value for these transactions.

GSWC's Compliance for Rules VI (VI.A - VI.G):

GSWC notes that Rule VI. is similar to GSWC's Holding Company Rules 21, 23, 24, 26, 27, and 28; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VI.A. GSWC's Controller is responsible for ensuring that transfers are calculated and recorded appropriately. When the Controller questions the amount charged for the utility's goods or services, the utility's Vice President of Regulatory Affairs will be notified, as will the affected affiliate for review of the transaction.

Further, with respect to Rule VI.G, GSWC interprets the surrogate for fair market value as a preference for "shall be priced at fully allocated cost plus 5% of direct labor cost." Often, employee transfers will be done on an emergency basis where there is not sufficient time to ascertain "fair market value." Accordingly, GSWC will employ the formula in Rule VI.E, and it will interpret this approach as being consistent with the definitions in Rule II.F.

Furthermore, GSWC notes that Rule VI.G is similar to GSWC's Holding Company Rules 22 and 25; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

RULE VII. Financial Health of the Utility

GSWC notes that Rule VII. is similar to GSWC's Holding Company Rules 11-16; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

VII.A.

The parent shall provide the utility with adequate capital to fulfill all of its service obligations prescribed by the Commission.

GSWC Compliance:

GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VII.A. GSWC's Vice President – Finance, Treasurer and Assistant Secretary maintains the utility's long-term capital investment estimates, as well as the utility's estimate of capital needed to meet its investment capital requirements.

Furthermore, GSWC notes that Rule VII.A. is similar to GSWC's Holding Company Rule 12; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

VII.B.

If the parent is publicly traded, the utility shall notify the Director of the Commission's Division of Water and Audits and the Director of the Division of Ratepayer Advocates in writing within 30 days of any downgrading to the bonds of the parent, another affiliate, and/or the utility, and shall include with such notice the complete report of the issuing bond rating agency.

GSWC Compliance:

GSWC's parent, is a publicly traded company. GSWC also holds public debt and is therefore a Registrant with the SEC. GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VII.B. and affirms that it will comply, as required.

VII.C.

The creation of a new affiliate by the parent or another affiliate shall not adversely impact the utility's operations and provision of service.

GSWC Compliance:

As a publicly traded company, GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VII.C. and affirms that the creation of any new affiliate by GSWC or its parent will not adversely affect the utility's operations and provision of service.

VII.D.

Debt of the utility's parent or other affiliates shall not be issued or guaranteed or secured by the utility.

GSWC Compliance:

GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VII.D. GSWC interprets this rule as being applicable to debt issued by the parent on behalf of a non-regulated affiliate, not when the parent is issuing debt on behalf of the utility or another Commission-regulated affiliate.

Furthermore, GSWC notes that Rule VII.D. is similar to GSWC's Holding Company Rule 14; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so. Holding Company Rule 14 allowed debt of the holding company or affiliates to be guaranteed by the utility with prior approval by the Commission. ATR VII.D. forbids the debt of the holding company or affiliates to be guaranteed by the utility. GSWC will abide by ATR VII.D.

VII.E.

Financial Separation. Within three months of the effective date of the decision adopting these Rules, each utility with a parent company shall file a Tier III advice letter proposing provisions that are sufficient to prevent the utility from being pulled into the bankruptcy of its parent company. The process specified by the Advice Letter Filing shall include a verification that the provisions have been implemented and signed by the utility's senior management (e.g., the Chief Executive Officer, Chief Financial Officer, and General Counsel).

GSWC Compliance:

Pursuant to the conditions stated in the letter from Commission Executive Director Paul Clanon to CWA Attorney Jose E. Guzman, Jr., dated December 9, 2010, GSWC filed its Tier III advice letter on March 31, 2011, demonstrating its compliance with Rule VII.E. The Commission approved Golden State Water Company's Advice Letter No. 1443-W, regarding the compliance

Rule VII.E, financial separation, in accordance with Resolution W-4984 with an effective date of August 14, 2014.

VII.F.

Rules VI, VII, VIII(B) and VIII(C) adopted in Decision 97-12-011 (applicable to California Water Service Company), and Rules 12, 13, 15 and 16 adopted in Decision 98-06-068 (applicable to Golden State Water Company), continue in effect for those companies only.

GSWC affirms that the stated Rules 12, 13, 15 and 16 in Decision 98-06-068 continue in effect. GSWC notes ATR VII.D. forbids the debt of the holding company to be guaranteed by the utility. This appears to be in contradiction with Holding Company Rule 15. GSWC will abide by ATR VII.D.

RULE VIII. Regulatory Oversight

VIII.A.

The officers and employees of the utility and its affiliated companies shall be available to appear and testify in any proceeding before the Commission involving the utility. If, in the proper exercise of the Commission staff's duties, the utility cannot supply appropriate personnel to address the staff's reasonable concerns, then the appropriate staff of the relevant utility affiliated companies including, if necessary, its parent company, shall be made available to the Commission staff.

GSWC Compliance:

GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VIII.A. GSWC will continue to make the officers and employees of the utility and its covered affiliates available to testify before the Commission, as necessary or required, consistent with the provisions of Public Utility Code Section 314 and Decision 98-06-068.

Furthermore, GSWC notes that Rule VIII.A. is similar to GSWC's Holding Company Rule 8; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

VIII.B.

The utility and its affiliated companies shall provide the Commission, its staff, and its agents with access to the relevant books and records of such entities in connection with the exercise by the Commission of its regulatory responsibilities in examining any of the costs sought to be recovered by the utility in rate proceedings or in connection with a transaction or transactions between the utility and its affiliates. The utility shall continue to maintain its books and records in accordance with all Commission rules. The utility's books and records shall be maintained and housed available in California.

GSWC Compliance:

GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VIII.B. GSWC will continue to make its books and records open for examination by the Commission and its staff, consistent with the provisions of Public Utility Code Section 314 and Decision 98-06-068.

Furthermore, GSWC notes that Rule VIII.B. is similar to GSWC's Holding Company Rule 9; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

VIII.C.

Compliance Plans. Each utility shall include a compliance plan as part of its annual report, starting in 2011 with the 2010 annual report and biennially thereafter. The compliance plan shall include:

1. A list of all affiliates of the utility, as defined in Rule II.E,³ and for each affiliate a description of its purposes or activities, and whether the utility claims that Rule I.B makes any portion of these Rules applicable to the affiliate;
2. A description of the procedures in place to assure compliance with these Rules; and
3. A description of both the specific mechanisms and the procedures that the utility and parent company have in place to assure that the utility is not utilizing the parent company or any of its affiliates not covered by these Rules as a conduit to circumvent any of these Rules in any respect. The description shall address, but shall not be limited to (a) the dissemination of information transferred by the utility to an affiliate covered by these Rules, (b) the provision of services to its affiliates covered by these Rules or (c) the transfer of employees to its affiliates covered by these Rules in contravention of these Rules. A corporate officer from the utility and parent company shall verify the adequacy of these specific mechanisms and procedures to ensure that the utility is not utilizing the parent company or any of its affiliates not covered by these Rules as a conduit to circumvent any of these Rules.

GSWC Compliance:

GSWC will continue submitting its compliance plan biennially to the Commission with its Annual Report. GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VIII.C. GSWC's Regulatory Affairs Department is responsible for maintaining and updating this compliance plan. If changes are determined to be necessary to ensure compliance, this plan will be revised and updated annually or as needed. GSWC maintains a current list of applicable affiliates of the utility, which is attached to this document as Appendix A. Further, GSWC affirms that this plan complies with Rule VIII.C, and that the appropriate procedures and mechanisms are detailed in its Affiliate Transactions Procedures document.

VIII.D.

New Affiliates. Upon the creation of a new affiliate, the utility shall immediately notify the Commission of its creation, as well as posting notice of this event on its web site. No later than 60 days after the creation of this affiliate, the utility shall file an information-only filing, as provided for in Rule 6.1 of General Order 96-B, with the Director of the Commission's Division of Water and Audits, with service on the Director of the Division of Ratepayer Advocates. The advice letter shall state the affiliate's purpose or activities and whether the utility claims these Rules are applicable to the new affiliate, and shall include a

³ Decision 10-10-019 erroneously references Rule II.D.

demonstration to the Commission that there are adequate procedures in place that will assure compliance with these Rules. The advice letter may include a request, including supporting explanation, that the affiliate transaction rules not be applied to the new affiliate. If the utility requests that the affiliate transactions rules not be applied to the new affiliate, in lieu of an information-only filing, the utility shall file a Tier 2 advice letter making such a request, including an explanation of why these Rules should not apply to the new affiliate.

GSWC Compliance:

GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VIII.D. GSWC will notify the Commission of the creation of any new affiliate. No later than 60 days after the creation of an applicable affiliate, the utility shall file an information-only filing, as provided for in Rule 6.1 of General Order 96-B, with the Director of the Commission's Division of Water and Audits, with service on the Director of the Office of Ratepayer Advocates, demonstrating how GSWC will implement these Rules with respect to the new affiliate. In lieu of an information-only filing, GSWC will file a tier 2 advice letter if an exemption of the ATRs is being requested. GSWC notes that its compliance will comport with the discussion in Rule II.E. of this plan. Occasionally, an investment management company acquires more than 10% of AWR's outstanding shares. Rule II.E defines these management companies as Affiliates of the Utility. Since no affiliate transactions occur between the investment management companies and the Utility, GSWC has timely filed a tier 2 advice letter requesting a conditional waiver from the Commission. To date, the Commission has approved GSWC's previous advice letters to exempt Rules VII.B (bond downgrading), VIII.A (access to officers and employees), VIII.B (access to books and records) and VIII.D (creation of new affiliates) with respect to these investment management companies. GSWC will continue to file a tier 2 advice letter upon knowledge of an investment management company acquiring more than 10% of AWR's outstanding shares.

VIII.E.

Independent Audits. Commencing in 2013, and biennially thereafter, the utility shall have an audit performed by independent auditors if the sum of all unregulated affiliates' revenue during the last two calendar years exceeds 5% of the total revenue of the utility and all of its affiliates during that period. The audits shall cover the last two calendar years which end on December 31, and shall verify that the utility is in compliance with these Rules. The utility shall submit the audit report to the Director of the Division of Water and Audits and the Director of the Division of Ratepayer Advocates no later than September 30 of the year in which the audit is performed. The Division of Water and Audits shall post the audit reports on the Commission's web site. The audits shall be at shareholder expense.

GSWC Compliance:

GSWC will continue to comply with this Rule, as stated, and will cooperate with the independent audit firm, as well as the Division of Water & Audits during the audit. GSWC will continue to submit its independent audit report biennially to the Director of the Division of Water and Audits and the Office of Ratepayer Advocates, with its first report having been submitted on September 30, 2013, and biennially thereafter.

VIII.F.

Annual Affiliate Transaction Reports. Each year, by March 31, the utility shall submit a report to the Director of the Division of Water and Audits and the Director of the Division of Ratepayer Advocates that includes a summary of all transactions between the utility and its affiliated companies for the previous calendar year. The utility shall maintain such information on a monthly basis and make such information available to the Commission's staff upon request. The summary shall include a description of each transaction and an accounting of all costs associated with each transaction although each transaction need not be separately identified where multiple transactions occur in the same account (although supporting documentation for each individual transaction shall be made available to the Commission staff upon request). These transactions shall include the following:

1. Services provided by the utility to the affiliated companies;
2. Services provided by the affiliated companies to the utility;
3. Assets transferred from the utility to the affiliated companies;
4. Assets transferred from the affiliated companies to the utility;
5. Employees transferred from the utility to the-affiliated companies;
6. Employees transferred from the-affiliated companies to the utility;
7. The financing arrangements and transactions between the utility and the affiliated companies;
8. Services provided by and/or assets transferred from the parent holding company to affiliate company which may have germane utility regulations impacts; and
9. Services provided by and/or assets transferred from affiliated company to the parent holding company which may have germane utility regulation impacts.

GSWC Compliance:

GSWC maintains appropriate procedures and mechanisms to ensure compliance with Rule VIII. F. GSWC affirms that, as part of its Annual Report to the Commission, it will continue to submit an affiliate transactions report to the Director of the Division of Water and Audits and the Director of the Office of Ratepayer Advocates that includes a summary of all transactions between the utility and its affiliated companies for the previous calendar year. With respect to Rule VIII.F.8, GSWC interprets this rule as being applicable to those affiliates and affiliate transactions covered in Rule I.B., and it affirms that the applicable services provided by, and/or assets transferred from, the parent holding company to the affiliate company will be included in the affiliate transactions report.

Furthermore, GSWC notes that Rule VIII.F., except for items 8 and 9, is similar to GSWC's Holding Company Rule 10; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

RULE IX. Confidentiality

Any records or other information of a confidential nature furnished to the Commission pursuant to these Rules that are individually marked Confidential are not to be treated as public records and shall be treated in accordance with P. U. Code § 583 and the Commission's General Order 66-C, or their successors.

GSWC Compliance:

GSWC affirms compliance with Rule IX.

Furthermore, GSWC notes that Rule IX is similar to GSWC's Holding Company Rule 30; see Appendix B. GSWC has been in compliance with its Holding Company Rules since 1998 and continues to do so.

RULE X. Provision of Non-tariffed Products and Services (NTP&S)

GSWC Compliance:

GSWC notes that this is a change from GSWC's Holding Company Rules which required that all unregulated businesses be conducted by one of GSWC's unregulated affiliates.

In Decision 10-10-019, Ordering Paragraph 5 states: "Notwithstanding Paragraph 20 of the Settlement adopted by Decision 98-06-068 and attached thereto, Golden State Water Company may offer non-tariffed products and services consistent with the rules in Appendix A."

X.A.

Except as provided for in these rules, new products and services shall be offered through affiliates.

X.B.

A utility may only offer on the open market the following products and services:

1. Existing products and services offered by the utility pursuant to tariff;
2. New products and services that are offered on a tariffed basis; and
3. Products and services that are offered on a non-tariffed basis (NTP&S) and that meet the following conditions:
 - a) The NTP&S utilizes a portion of the excess or unused capacity of a utility asset or resource;
 - b) Such asset or resource has been acquired for the purpose of and is necessary and useful in providing tariffed utility services;
 - c) The involved portion of such asset or resource may only be used to offer the product or service on a non-tariffed basis without adversely affecting the cost, quality or reliability of tariffed utility products and services;
 - d) The products and services can be marketed with minimal or no incremental ratepayer capital, minimal or no new forms of liability or

business risk being incurred by utility ratepayers, and no undue diversion of utility management attention; and

- e) The utility's offering of the NTP&S does not violate any California law, regulation, or Commission policy regarding anticompetitive practices.

X.C.

Revenues. Gross revenue from NTP&S projects shall be shared between the utility's shareholders and its ratepayers. In each general rate case, NTP&S revenues shall be determined and shared as follows:

1. Active NTP&S projects: 90% shareholder and 10% ratepayer.
2. Passive NTP&S projects: 70% shareholder and 30% ratepayer.
3. A utility shall classify all NTP&S as active or passive according to the table below. For a new NTP&S not listed in the table, which requires approval by the Commission by advice letter pursuant to Rule X.G, an "active" project requires a shareholder investment of at least \$125,000. Otherwise the new NTP&S shall be classified as passive. No costs recoverable through rates shall be counted toward the \$125,000 threshold.
4. Revenues received that are specified in a contract as pass-through of costs, without any mark-up, shall be excluded when determining revenue sharing. If an advice letter is required pursuant to Rule X.G, the utility shall specify in the advice letter any items other than postage, power, taxes, and purchased water for which it proposes pass-through treatment and must obtain Commission approval for such treatment.
5. For those utilities with annual Other Operating Revenue (OOR) of \$100,000 or more, revenue sharing shall occur only for revenues in excess of that amount. All NTP&S revenue below that level shall accrue to the benefit of ratepayers.
6. For those utilities with annual OOR below \$100,000, there shall be no sharing threshold, and ratepayers shall accrue all benefits for non-tariffed products and services.

X.D.

Cost Allocation. All costs, direct and indirect, including all taxes, incurred due to NTP&S projects shall not be recovered through tariffed rates. These costs shall be tracked in separate accounts and any costs to be allocated between tariffed utility services and NTP&S shall be documented and justified in each utility's rate case. More specifically, all incremental investments, costs, and taxes due to non-tariffed utility products and services shall be absorbed by the utility shareholders, i.e., not recovered through tariffed rates.

X.E.

Annual Report of NTP&S Projects. Each utility shall include information regarding its NTP&S projects in its Annual Reports, including but not be limited to the following:

1. A detailed description of each NTP&S activity;
2. Whether and why it is classified active or passive;
3. Gross revenue received;
4. Revenue allocated to ratepayers and to shareholders, as established in the company's current general rate case;
5. A complete identification of all regulated assets used in the transaction;
6. A complete list of all employees (by position) that participated in providing the non-tariffed service, with amount of time spent on provision of the service;
7. If the NTP&S has been classified as active through advice letter submission, provide the number of the advice letter and the authorizing Resolution; and
8. If the NTP&S did not require approval through advice letter, provide the date notice was given to the Commission.

X.F.

When a utility initiates the offering of NTP&S that are designated as active or passive in the table below, the utility shall provide notice of such activity by letter to the Director of the Division of Water and Audits and the Program Manager of the Division of Ratepayer Advocates-Water Branch, within 30 days of instituting such activity.

X.G.

Provision of New NTP&S. Any water or sewer utility that proposes to engage in the provision of new NTP&S not included in the table below, using the excess capacity of assets or resources reflected in the utility's revenue requirement, and which are proposed to be classified as active as described herein, shall file a Tier 3 advice letter (see Resolution ALJ-202) with the Director of the Division of Water and Audits seeking Commission approval. The advice letter shall be served on the service list for Rulemaking 09-04-012 and the service list for the utility's current or most recent general rate case. The advice letter shall contain the following:

1. A full description of the proposed NTP&S, including, without limitation, the identity of parties served (if known), revenue and cost forecasts, and the term of any contract to be employed.
2. A description of the accounting method to be used to allocate the incremental costs between tariffed services and caused by the NTP&S.
3. Copies of all operative documents for the proposed service.
4. A detailed description of any items other than postage, power, taxes, and purchased water for which the utility proposes pass-through treatment for purposes of calculating revenue sharing.

5. Complete identification of all utility regulated assets and personnel resources that will be used in the proposed transaction. Identify the particular excess capacity (or capacities) asset or resource to be used to provide the NTP&S.
6. A complete list of all employees that will participate in providing the service, with an estimate of the amount of time each will spend.
7. A showing that the proposed NTP&S may be offered without adversely affecting the cost, quality, or reliability of the utility services.
8. A showing of how the NTP&S will be marketed with minimal or no incremental ratepayer capital, minimal or no new forms of liability or business risk, and no undue diversion of utility management attention.
9. A showing of how the NTP&S does not violate any law, regulation, or Commission policy regarding anti-competitive practices.
10. A justification for classifying the NTP&S as active. The utility shall demonstrate that there is or will be incremental shareholder investment above \$125,000.
11. A statement that all risks incurred through this proposed NTP&S project shall be borne by the utility's shareholders.
12. A description of the market served by the proposed NTP&S project, a list or description of the current incumbents in that market, and an analysis of how the utility's entry into the market will affect the market's competitiveness. Include in this analysis a description of how the utility will guard against using anti-competitive pricing in this market.
13. Any other information, opinions, or documentation that might be relevant to the Commission's consideration of the NTP&S.

GSWC Compliance:

GSWC will comply with all provisions of Rule X. In accordance with Rule X.E, GSWC will submit a Report on Non-Tariffed Products and Services with its Annual Report of Affiliated Entities to the Commission.

APPENDIX A
Golden State Water Company's Affiliates

Subsidiary Name ¹	Subsidiary's Line of Business	Primary Location of Subsidiary	Applicability of Rules
American States Utility Services	Operate Water and Sewer Distribution Systems and Treatment Facilities on Military Bases	San Dimas, CA	Yes
Fort Bliss Water Services Company	Operate Water and Sewer Distribution Systems	Fort Bliss, Texas	Yes
Old North Utility Services, Inc.	Operate Water and Sewer Distribution Systems	North Carolina	Yes
Old Dominion Utility Services, Inc.	Operate Water and Sewer Distribution Systems	Virginia	Yes
Palmetto State Utility Services, Inc.	Operate Water and Sewer Distribution Systems	South Carolina	Yes
Terrapin Utility Services, Inc.	Operate Water and Sewer Distribution Systems	Maryland	Yes
Emerald Coast Utility Services, Inc.	Operate Water and Sewer Distribution Systems	Florida	Yes
Fort Riley Utility Services, Inc.	Operate Water and Sewer Distribution Systems and Treatment Facilities	Kansas	Yes

¹ Although investment management companies are considered affiliates by definition, GSWC does not engage in any affiliate transactions with these companies. The investment management companies do not provide water or wastewater products and services and are excluded from this listing. Refer to GSWC's response to Rule VIII.D in its 2018 Affiliate Transaction Rules Compliance Plan.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

RULE I. Jurisdiction and Applicability

I.A. These Rules apply to all Class A and Class B California public utility water and sewer corporations or companies subject to regulation by the California Public Utilities Commission (Commission).

I.B. These Rules apply to transactions between a Commission-regulated utility and another affiliated entity that is engaged in the provision of products that use water or sewer services or the provision of services that relate to the use of water or sewer services, including the utility's parent company, and to the utility's use of regulated assets for non-tariffed utility services, unless specifically modified or exempted by the Commission. Transactions between a Commission-regulated utility and an affiliated utility regulated by a state regulatory commission (whether the utility is located in California or elsewhere) are exempt from these Rules, except for provisions of Rule IV.B and Rule X.

Comment:

The Affiliate Transaction Rules adopted in Decision 10-10-019 and as modified in D.11-10-034 and D.12-01-042 are similar to the Holding Company Rules established in D.98-06-068.

I.C. Utilities shall comply with all applicable State and Federal statutes, laws and administrative regulations.

I.D. Existing Commission rules for each utility and its parent company continue to apply except to the extent they conflict with these Rules. In such cases, these Rules supersede prior rules and guidelines, provided that nothing herein shall preclude (1) the Commission from adopting other utility-specific guidelines; or (2) a utility or its parent company from adopting other utility-specific guidelines, with advance Commission approval through Decision or Resolution. In the case of ambiguity regarding whether a conflict exists, there shall be a rebuttable presumption that these Rules apply.

Comment:

The Holding Company Rule 14 allowed debt of the holding company or affiliates to be guaranteed by the Utility with prior approval by the Commission. ATR VII.D forbids the debt of the holding company or affiliates to be guaranteed by the Utility.

Rule VII.F adopts Holding Company Rules 12, 13, 15 and 16. Holding Company Rule 15 requires approval of issuance of holding company or affiliate debt if guaranteed by the Utility yet ATRs VII.D forbids the debt of the holding company to be guaranteed by the Utility. This appears to be a conflict.

GSWC will continue to abide by ATR VII.D.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

I.E. Where these Rules do not address an item currently addressed in a utility's existing rules imposed by this Commission which govern that utility's transactions with its affiliate(s) or its use of regulated assets for non-tariffed utility services, the existing utility-specific rules continue to apply for that item only.

Comment:

GSWC notes that the following Holding Company Rules are not specifically addressed in the ATRs:

11. Capital Requirements. The capital requirements of the Utility shall be given first priority by the Utility's board of directors and, consistent with its fiduciary responsibilities, by the holding company's board of directors, as well.

20. Unregulated Operations And Transfer Of Employees.

d. The Utility shall endeavor to transfer to its affiliates any employee whose primary responsibility is to conduct unregulated operations, taking into consideration the Utility's obligations to any such employee, its obligations under any contract with its unions or others, and the cost of providing comparable terms of employment.

23. Transfer Of Intangible Assets And Goods From The Utility. Any transfer without monetary consideration of any intangible asset or good from the Utility to any affiliate shall be priced at cost or fair market value, whichever is higher, if the asset or good is currently, or was at any time, included in the Utility's ratebase, including (a) any asset or good booked to plant held for future use that is currently, or was at any time, included in the Utility's ratebase or (b) any asset or good to which the Utility's ratepayers have contributed any carrying or operating cost. Any gain resulting from the transfer of any such asset or good shall be allocated in accordance with applicable provisions of the Public Utilities Code and policies of the Commission. Absent any change in the applicable policy of the Commission or provision of the Public Utilities Code, all gain from the transfer of any such asset or good without monetary consideration shall be allocated to ratepayers.

24. For the purposes of this Settlement, intangible assets and goods shall mean all intellectual property (whether such property constitutes patents, trademarks, service marks, copyrights, or any other intellectual property)

Comment:

GSWC will continue to abide by these Holding Company Rules.

I.F. These Rules do not preclude or stay any form of civil relief, or rights or defenses thereto, that may be available under state or federal law.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

I.G. A California utility which is also a multi-state utility and subject to the jurisdiction of other state regulatory commissions, may file an application with this Commission, served on all parties to this proceeding and its most recent general rate case, requesting a limited exemption from these Rules or a part thereof, for transactions between the utility solely in its capacity serving its jurisdictional areas wholly outside of California, and its affiliates if such out-of-state operations do not substantially affect the utility's operations and the operating costs inside California. The applicant has the burden of proof.

I.H. A California utility's affiliates that operate entirely outside of California are exempt from Rule III.B and Rule III.C of these Rules, for transactions between the utility and such affiliates if the affiliates' operations do not substantially affect the utility's operations and the operating costs inside California.

I.I. These Rules shall be interpreted broadly, to effectuate the Commission's stated objectives of protecting consumer and ratepayer interests and, as an element thereof, preventing anti-competitive conduct.

RULE II. Definitions

II.A. "Parent company" or "parent"

"Parent company" or "parent" is the entity, including a holding company or corporation, that owns, or has substantial operational control (as defined in Rule II.E) of, the regulated utility.

II.B. "Utility"

"Utility" (unless specified as a water utility) refers to all water utilities and sewer utilities regulated by the Commission.

II.C. "Water utility"

"Water utility" refers to all water utilities regulated by the Commission.

II.D. "Sewer utility"

"Sewer utility" refers to all sewer utilities regulated by the Commission.

II.E. "Affiliate"

"Affiliate" means any entity whose outstanding voting securities are more than 10 percent owned, controlled, directly or indirectly, by a utility, by its parent company, or by any subsidiary of either that exerts substantial operational control.

For purposes of these Rules, "substantial operational control" includes, but is not limited to, the possession, directly or indirectly of the authority to direct or cause the direction of the management or policies of a company. A direct or indirect voting interest of more than 10 percent by the utility in an entity's company creates a rebuttable presumption of substantial operational control.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

For purposes of these Rules “affiliate” includes the utility’s parent company, or any company that directly or indirectly owns, controls, or holds the power to vote more than 10 percent of the outstanding voting securities of a utility or its parent company.

Regulated subsidiaries of a utility, the revenues and expenses of which are subject to regulation by the Commission and are included by the Commission in establishing rates for the utility, are not included within the definition of affiliate for the purpose of these Rules. However, these Rules apply to all interactions any such regulated subsidiary has with other affiliated unregulated entities covered by these Rules.

For the purposes of this Rule, “affiliate” shall not include a mutual water company, a joint powers authority, other governmental or quasi-governmental agency or authority, a public/private partnership, a watermaster board, a water basin association, or a groundwater management authority in which a utility participates or in which a utility is a member or shareholder.

II.F. “Costs”

“Costs” are used in these Rules to refer to the total expenses assigned or allocated to different projects or activities through the utility’s and parent company’s accounting systems. Cost categories include:

1. **Direct Costs.** Direct costs are costs that can be clearly identified to specific projects or activities because the resource in question, or some measurable portion of that resource, has been dedicated to the project or activity. An example would be the hours of a worker’s time spent on the effort, materials purchased and used specifically on that effort, or the proportion of a machine’s hours dedicated to the effort.
2. **Direct Overhead Costs.** For organizations that produce multiple outputs, direct overhead costs are the common costs of a subset of the organization, such as supervisors and support staff of a division not assigned or traceable to specific projects, or machinery shared among a subset of the company’s projects. Such overhead costs require allocation to specific projects through proxies and methodologies designed to accurately reflect the particular production aspects of each project; e.g., some processes are more capital-intensive than others and need less supervision input. Allocation methodologies for direct overhead costs can make use of several factors, often activity-based and often using “cost causation” as one of the principles in their design.
3. **Indirect Overhead Costs.** Indirect overhead costs are functions that affect the entire organization, such as the headquarters building, the Chief Executive Officer and Chief Financial Officer, General Counsel and associated legal support, personnel departments, security for this building or these offices, shareholder and public relations, insurance, depreciation, advertising, and similar functions. These are real costs of the organization and must be allocated to the ongoing projects and activities to determine the total cost of each. These are also sometimes called “General Overhead Costs.”

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

4. *Fully-loaded* (also known as fully-allocated) costs. Fully-loaded (or fully-allocated) costs refer to the total cost of a project or activity, which is the sum of Direct, Direct Overhead, and Indirect Overhead costs, as defined in Rule II.F.1, 2 and 3.

II.G. "Transaction"

"Transaction" means any transfer of an item of value such as a good, service, information or money between a utility and one or more of its affiliates.

II.H. "Property"

"Property" refers to any right or asset, tangible or intangible, to which an entity has legal or equitable title.

II.I. "Real Property"

"Real property" refers to any interest in real estate including leases, easements, and water rights.

II.J. "Customer"

"Customer" means any person, firm, association, corporation or governmental agency supplied or entitled to be supplied with water, wastewater, or sewer service for compensation by a utility.

II.K. "Customer information"

"Customer information" means non-public information and data specific to a utility customer which the utility acquired or developed in the course of its provision of utility services.

II.L. "Cross-subsidy"

"Cross-subsidy" means the unauthorized over-allocation of costs to captive ratepayers resulting in under-allocation of costs to a utility affiliate.

RULE III. Utility Operations and Service Quality

III.A. A utility shall not allow transactions with affiliates to diminish water utility staffing, resources, or activities in a manner that would result in degradation of the reliability, efficiency, adequacy, or cost of utility service or an adverse impact on customer service. Utility management attention shall not be diverted to such transactions in a way that would result in such degradation. The utility's parent and affiliates shall not acquire utility assets at any price if such transfer of assets would impair the utility's ability to fulfill its obligation to serve or to operate in a prudent and efficient manner.

D.98-06-068, Rule 20 b, c

20. Unregulated Operations And Transfer Of Employees.

- b. The Utility shall avoid a diversion of management that would adversely affect the Utility.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

c. The Utility shall not use its directors and employees, including officers, to conduct unregulated operations if such use would adversely affect the Utility or its ratepayers.

Comment:

Both ATR III.A and Holding Company Rule 20 require a utility to maintain its level of service and not allow transactions or sharing of employees between the Utility and its affiliates to adversely affect the Utility or its ratepayers.

III.B. Except as otherwise provided by these Rules, a utility shall not

- 1. Provide leads to its affiliates;**
- 2. Solicit business on behalf of its affiliates;**
- 3. Acquire information on behalf of or to provide to its affiliates;**
- 4. Share market analysis reports or any other types of proprietary or non-publicly available reports, including but not limited to market, forecast, planning or strategic reports, with its affiliates, except that a utility may share such information with a parent under the condition that the parent does not share the information with any other entity;**
- 5. Request authorization from its customers to pass on customer information exclusively to its affiliates;**
- 6. Give the appearance that the utility speaks on behalf of its affiliates; or**
- 7. Represent that, as a result of the affiliation with the utility, its affiliates or customers of its affiliates will receive any different treatment by the utility than the treatment the utility provides to other, unaffiliated companies or their customers.**
- 8. Provisions 3, 4 and 5 of Rule III.B shall not apply to utility affiliates which are non-profit and whose sole purpose is to serve the functions of regulated utilities, the parents of regulated utilities, governmental or non-profit entities, including non-profit affiliates of regulated utilities.**
- 9. Utilities may file an Advice Letter seeking an exemption to Rule III.B.8 within ninety days of the effective date of the Commission decision adopting these rules, requesting that a non-profit affiliate subject to Rule III.B.8 be allowed to serve the functions of other affiliates, as long as those other affiliates provide no more than five per cent of the annual revenues of the non-profit affiliate.**

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

III.C. Except as provided for elsewhere in these rules, if a utility provides customer or utility information, services, or unused capacity or supply to an affiliate, it must offer such customer or utility information, services, or unused capacity or supply to all similarly situated market participants in a non-discriminatory manner, which includes offering on a timely basis.

RULE IV. Separation

IV.A. The utility shall maintain accounting records in accordance with Generally Accepted Accounting Principles, the Commission's Uniform System of Accounts, Commission decisions and resolutions, and the Public Utilities Code.

D.98-06-068, Rule 18

18. Accounting. The Utility and each of its affiliates, including the holding company, shall maintain their accounting records in accordance with Generally Accepted Accounting Principles and, where appropriate, the Commission's Uniform System of Accounts.

Comment:

Both ATR IV.A. and Holding Company Rule 18 require the utility to maintain its records according to Generally Accepted Accounting Principles (GAAP) and the CPUC Uniform System of Accounts (USOA).

IV.B. The utility, its parent and other affiliated companies shall allocate common costs among them in such a manner that the ratepayers of the utility shall not subsidize any parent or other affiliate of the utility.

D.98-06-068, Rule 19

19. Allocation Of Common Costs. Absent any change in the applicable policy of the Commission or provision of the Public Utilities Code, the Utility and each of its affiliates, including the holding company, shall allocate costs between them in such a manner that ratepayers of the Utility not subsidize any affiliate of the Utility.

Comment:

Both ATR IV.B. and Holding Company Rule 19 require the utility to allocate costs in such a manner that ratepayers do not subsidize any affiliate.

IV.C. The utility shall list all shared directors and officers between the utility and its affiliates in its annual report to the Commission. Not later than 30 days following a change to this list, the utility shall notify the Director of the Division of Water and Audits and the Director of the Division of Ratepayer Advocates of the change(s).

IV.D. Employees transferred or temporarily assigned from the utility to an affiliate shall not use non-public, proprietary utility information gained from the utility in a

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

discriminatory or exclusive fashion to the benefit of the affiliate to the detriment of unaffiliated competitors.

IV.E. All employee movement between a utility and its affiliates, as defined in Rule I.B, shall be consistent with the following provisions:

IV.E.1 A utility shall track and report to the Commission all employee movement between the utility and affiliates, consistent with Rule VIII.F.

IV.E.2 When an employee of a utility is transferred, assigned, or otherwise employed by the affiliate, the affiliate shall make a one-time payment to the utility in an amount equivalent to 15% of the employee's base annual compensation. All such fees paid to the utility shall be accounted for in a separate memorandum account to track them for future ratemaking treatment on an annual basis, or as otherwise necessary to ensure that the utility's ratepayers receive the fees. This transfer payment provision does not apply to clerical workers.

IV.E.3 Utility employees may be used on a temporary or intermittent basis (less than 30% of an employee's chargeable time in any calendar year) by affiliates only if:

- All such use is documented, priced and reported in accordance with these Rules and existing Commission reporting requirements, except that when the affiliate obtains the services of a non-executive employee, compensation to the utility shall be priced at a minimum of the greater of fully loaded cost plus 5% of direct labor cost, or fair market values. When the affiliate obtains the services of an executive employee, compensation to the utility shall be priced at a minimum of the greater of fully loaded cost plus 15% of direct labor cost, or fair market value;
- Utility needs for utility employees always take priority over any affiliate requests;
- No more than 10% of full time equivalent utility employees may be on loan at a given time;
- Utility employees agree, in writing, that they will abide by these Rules; and
- Affiliate use of utility employees shall be conducted pursuant to a written agreement approved by the appropriate utility and affiliate officers.

RULE V. Shared Corporate Support

V.A. A utility, its parent company, or a separate affiliate created solely to perform corporate support services may share with its affiliates joint corporate oversight, governance, support systems, and personnel as further specified in these Rules. Any shared support shall be priced, reported and conducted in accordance with these Rules as well as other applicable Commission pricing and reporting requirements.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

V.B. Corporate support shall not be shared in a manner that allows or provides a means for the transfer of confidential information from the utility to the affiliate, creates the opportunity for preferential treatment or unfair competitive advantage, leads to customer confusion, or creates significant opportunities for cross-subsidy of affiliates. The restriction on transfer of confidential information from the utility to the affiliate does not apply to corporate support, shared services and access to capital.

V.C. Examples of services that may be shared include: corporate governance and oversight, payroll, taxes, shareholder services, insurance, financial reporting, financial planning and analysis, corporate accounting, corporate security, human resources (compensation, benefits, employment policies), employee records, regulatory affairs, lobbying, legal, and pension management, engineering, water or sewage for resale, water storage capacity, and purchasing of water distribution systems.

V.D. Examples of services that may not be shared include: hedging and financial derivatives and arbitrage services, and marketing.

RULE VI. Pricing of Goods and Services between the Utility and Its Affiliate(s)

To the extent that these Rules do not prohibit the transfer of goods and services between a utility and its affiliates:

VI.A. Transfers from the utility to its affiliates of goods and services offered by the utility on the open market will be priced at fair market value.

VI.E. Transfers from the utility to its affiliates of goods and services not produced, purchased or developed to be offered on the open market by the utility shall be priced at fully allocated cost plus 5% of direct labor cost.

D.98-06-068, Rules 21, 23, 24 and 27 reference transfer from Utility

21. Transfer Of Tangible Assets And Goods From The Utility. Any transfer without monetary consideration of a tangible asset or good from the Utility to any affiliate shall be priced at cost or fair market value, whichever is higher, if the asset or good is currently, or was at any time, included in the Utility's ratebase, including (a) any asset or good booked to plant held for future use that is currently, or was at any time, included in the Utility's ratebase or (b) any asset or good to which the Utility's ratepayers have contributed any carrying or operating cost. Any gain resulting from the transfer of any such asset or good shall be allocated in accordance with applicable provisions of the Public Utilities Code and policies of the Commission. Absent any change in the applicable policy of the Commission or provision of the Public Utilities Code, all gain from the transfer of any such asset or good without monetary consideration shall be allocated to ratepayers.

27. Pricing Of Services From The Utility To The Affiliate Or Holding Company. Any

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

service provided by the Utility to an affiliate or the holding company shall be priced to recover at least the Utility's cost --such as the proportionate cost of (a) salary and benefits of any employee used in providing such services and (b) any equipment, including carrying costs with respect thereto, or supplies used in connection therewith.

Comment:

The Affiliate Transaction Rules distinguish between transfers of goods and services offered on the open market and those that are not. The Affiliate Transaction Rules add 5% of direct labor cost to fully allocated costs. This is an increase over what was required by Rule 27 of the Holding Company Rules.

VI.B. Transfers from an affiliate to the utility of goods and services offered by the affiliate on the open market shall be priced at no more than fair market value.

VI.C. For goods or services for which the price is regulated by a state agency, that price shall be deemed to be the fair market value, except that in cases where more than one state commission regulates the price of goods or services, this Commission's pricing provisions govern.

VI.D. Goods and services produced, purchased or developed to be offered on the open market by the utility shall be provided to the utility's affiliates and unaffiliated companies on a nondiscriminatory basis, except as otherwise required or permitted by these Rules or applicable law.

VI.F. Transfers from an affiliate to the utility of goods and services not produced, purchased or developed to be offered on the open market by the affiliate shall be priced at the lower of fully loaded cost or fair market value.

D.98-06-068, Rules 26 and 28 reference transfer to Utility

26. Transfers Of Tangible and Intangible Assets And Goods To The Utility. Any transfer of any tangible or intangible asset or good to the Utility from any affiliate shall be in compliance with the applicable provisions of the Public Utilities Code and the Commission's policies. Unless in conflict with the Public Utilities Code or the Commission's policies, such asset or good transferred from an affiliate to the Utility shall be at cost or fair market value, whichever is lower. The Utility may seek prior authorization from the Commission, however, by filing an application or advice letter for a determination of the appropriate value of an asset or good.

28. Pricing Of Services From The Affiliate Or Holding Company To The Utility. Except for common costs allocated in the manner described in Paragraph 19, the cost of services provided by an affiliate, including the holding company, to the Utility shall be considered reasonable if it is at or below the lowest of

- (a) the cost which would have been incurred by the Utility if it provided such services on comparable terms,

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

(b) the rate which would have been charged to the Utility by an unaffiliated party for the provision of comparable services on comparable terms, or

(c) the rate which would have been charged by the affiliate to an unaffiliated party for the provision of comparable services on comparable terms.

Comment:

Both the ATRs and Holding Company rules require transfers of goods and services from the affiliate to the utility not offered on the open market to be priced at the lower of cost or fair market value ("FMV").

VI.G. The utility shall develop a verifiable and independent appraisal of fair market value for any goods or services that are transferred to any affiliated company at fair market value under these Rules. The Commission's staff shall have access to all supporting documents used in the development of the fair market value. If sufficient support for the appraisal of fair market value does not exist to the reasonable satisfaction of the Commission's staff, the utility shall hire an independent consultant acceptable to the Commission staff to reappraise the fair market value for these transactions.

D.98-06-068, Rules 22 and 25

22. The Utility shall develop a verifiable and independent appraisal of fair market value for any tangible asset or good that is transferred to any affiliate under Paragraph 21 above. The Commission's staff will have access to all supporting documents used in the development of the fair market value.

25. The Utility shall develop a verifiable and independent appraisal of fair market value for any intangible asset or good that is transferred to any affiliate under Paragraph 23 above. The Commission's staff will have access to all supporting documents used in the development of the fair market value. If sufficient support for the appraisal of fair market value does not exist to the reasonable satisfaction of the Commission's staff, the Utility shall hire an independent consultant under the joint control of the Commission staff and the Utility to reappraise the fair market value for any such intangible asset or good. The fair market value may be a single price, a royalty on the intangible asset or good, or a combination.

Comment:

ATR VI.G is effectively identical to rules 22 and 25.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

RULE VII. Financial Health of the Utility

VII.A. The parent shall provide the utility with adequate capital to fulfill all of its service obligations prescribed by the Commission.

VII.B. If the parent is publicly traded, the utility shall notify the Director of the Commission's Division of Water and Audits and the Director of the Division of Ratepayer Advocates in writing within 30 days of any downgrading to the bonds of the parent, another affiliate, and/or the utility, and shall include with such notice the complete report of the issuing bond rating agency.

VII.C. The creation of a new affiliate by the parent or another affiliate shall not adversely impact the utility's operations and provision of service.

VII.D. Debt of the utility's parent or other affiliates shall not be issued or guaranteed or secured by the utility.

D.98-06-068, Rule 14

14. Issuance Of Debt For Affiliates. Debt of the holding company and debt of other affiliates shall not be issued or guaranteed by the Utility without prior approval by the Commission.

Comment:

The Holding Company Rule 14 allowed debt of the holding company or affiliates to be guaranteed by the utility with prior approval by the Commission. ATRs VII.D forbids the debt of the holding company or affiliates to be guaranteed by the utility.

VII.E. Financial Separation. Within three months of the effective date of the decision adopting these Rules, each utility with a parent company shall file a Tier III advice letter proposing provisions that are sufficient to prevent the utility from being pulled into the bankruptcy of its parent company. The process specified by the Advice Letter Filing shall include a verification that the provisions have been implemented and signed by the utility's senior management (e.g., the Chief Executive Officer, Chief Financial Officer, and General Counsel).

VII.F. Rules VI, VII, VIII(B) and VIII(C) adopted in Decision 97-12-011 (applicable to California Water Service Company), and Rules 12, 13, 15 and 16 adopted in Decision 98-06-068 (applicable to Golden State Water Company), continue in effect for those companies only.

D.98-06-068, Rules 12, 13, 15 and 16

12. Capital Structure Of The Utility. The Utility shall maintain a capital structure consistent with that determined to be reasonable by the Commission in its most recent decision on the Utility's capital structure in order that ratepayers not be adversely

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

affected. The holding company shall use its best efforts to provide or cause to be provided equity to restore the capital structure of the Utility whenever the Commission has determined that it has not been reasonably maintained.

13. Issuance Of Debt By The Utility. The Utility shall continue to issue its own debt.

15. The Commission's approval is not required for issuance of debt by the holding company or affiliates unless guaranteed by the Utility or secured by the Utility's assets.

Comment:

ATR VII.D. forbids the debt of the holding company to be guaranteed by the Utility. This appears to be in contradiction with Holding Company Rule 15.

16. Any loan of more than twelve months to the Utility by the holding company or any other affiliate requires prior approval by the Commission.

RULE VIII. Regulatory Oversight

VIII.A. The officers and employees of the utility and its affiliated companies shall be available to appear and testify in any proceeding before the Commission involving the utility. If, in the proper exercise of the Commission staff's duties, the utility cannot supply appropriate personnel to address the staff's reasonable concerns, then the appropriate staff of the relevant utility affiliated companies including, if necessary, its parent company, shall be made available to the Commission staff.

D.98-06-068, Rule 8

8. Access To Directors, Officers, And Employees. The directors, officers, and employees of the Utility and its affiliates, including the holding company, shall be available to appear and testify in any proceeding before the Commission involving the Utility. The officers and employees of the Utility and its affiliates, including the holding company, shall be available for consultations with the Commission's staff as necessary or required.

Comment:

The ATR VIII.A. is similar to the Holding Company Rule 8, except that ATR VII.A provides access to the employees of the affiliate only when the Utility cannot provide the information needed.

VIII.B. The utility and its affiliated companies shall provide the Commission, its staff, and its agents with access to the relevant books and records of such entities in connection with the exercise by the Commission of its regulatory responsibilities in examining any of the costs sought to be recovered by the utility in rate proceedings or in connection with a transaction or transactions between the utility and its affiliates. The utility shall continue to maintain its books and records in accordance with all Commission rules. The utility's

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

books and records shall be maintained and housed available in California.

D.98-06-068, Rule 9

9. Access To Books And Records. The Utility and its affiliates, including the holding company, will provide the Commission, its staff, and its agents with access to the books and records of the holding company and each affiliate in connection with the exercise by the Commission of its regulatory responsibilities.

Comment:

The ATR VIII.B. is similar to the Holding Company Rule 9. In addition, ATR VIII.B. requires the Utility's Books to be maintained and housed in California.

VIII.C.

Compliance Plans. Each utility shall include a compliance plan as part of its annual report, starting in 2011 with the 2010 annual report and biennially thereafter. The compliance plan shall include:

1. A list of all affiliates of the utility, as defined in Rule II.D, and for each affiliate a description of its purposes or activities, and whether the utility claims that Rule I.B makes any portion of these Rules applicable to the affiliate;
2. A description of the procedures in place to assure compliance with these Rules; and
3. A description of both the specific mechanisms and the procedures that the utility and parent company have in place to assure that the utility is not utilizing the parent company or any of its affiliates not covered by these Rules as a conduit to circumvent any of these Rules in any respect. The description shall address, but shall not be limited to (a) the dissemination of information transferred by the utility to an affiliate covered by these Rules, (b) the provision of services to its affiliates covered by these Rules or (c) the transfer of employees to its affiliates covered by these Rules in contravention of these Rules. A corporate officer from the utility and parent company shall verify the adequacy of these specific mechanisms and procedures to ensure that the utility is not utilizing the parent company or any of its affiliates not covered by these Rules as a conduit to circumvent any of these Rules.

VIII.D.

New Affiliates. Upon the creation of a new affiliate, the utility shall immediately notify the Commission of its creation, as well as posting notice of this event on its web site. No later than 60 days after the creation of this affiliate, the utility shall file ~~a Tier 3 advice letter~~ an information-only filing, as provided for in Rule 6.1 of General Order 96-B, with the Director of the Commission's Division of Water and Audits, with service on the Director of the Division of Ratepayer Advocates. The advice letter shall state the affiliate's purpose or activities and whether the utility claims these Rules are applicable to the new affiliate, and shall include a demonstration to the Commission that there are adequate procedures in place that will assure compliance with these Rules. The advice letter may include a

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

request, including supporting explanation, that the affiliate transaction rules not be applied to the new affiliate. If the utility requests that the affiliate transactions rules not be applied to the new affiliate, in lieu of an information-only filing, the utility shall file a Tier 2 advice letter making such a request, including an explanation of why these Rules should not apply to the new affiliate.

VIII.E.

Independent Audits. Commencing in 2013, and biennially thereafter, the utility shall have an audit performed by independent auditors if the sum of all unregulated affiliates' revenue during the last two calendar years exceeds 5% of the total revenue of the utility and all of its affiliates during that period. The audits shall cover the last two calendar years which end on December 31, and shall verify that the utility is in compliance with these Rules. The utility shall submit the audit report to the Director of the Division of Water and Audits and the Director of the Division of Ratepayer Advocates no later than September 30 of the year in which the audit is performed. The Division of Water and Audits shall post the audit reports on the Commission's web site. The audits shall be at shareholder expense.

VIII.F.

Annual Affiliate Transaction Reports. Each year, by March 31, the utility shall submit a report to the Director of the Division of Water and Audits and the Director of the Division of Ratepayer Advocates that includes a summary of all transactions between the utility and its affiliated companies for the previous calendar year. The utility shall maintain such information on a monthly basis and make such information available to the Commission's staff upon request. The summary shall include a description of each transaction and an accounting of all costs associated with each transaction although each transaction need not be separately identified where multiple transactions occur in the same account (although supporting documentation for each individual transaction shall be made available to the Commission staff upon request). These transactions shall include the following:

1. Services provided by the utility to the affiliated companies;
2. Services provided by the affiliated companies to the utility;
3. Assets transferred from the utility to the affiliated companies;
4. Assets transferred from the affiliated companies to the utility;
5. Employees transferred from the utility to the affiliated companies;
6. Employees transferred from the affiliated companies to the utility;
7. The financing arrangements and transactions between the utility and the affiliated companies;
8. Services provided by and/or assets transferred from the parent holding company to affiliate company which may have germane utility regulations impacts; and
9. Services provided by and/or assets transferred from affiliated company to the parent holding company which may have germane utility regulation impacts.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

D.98-06-068, Rule 10 (except for rules 8 & 9 above).

Appendix A of Attachment 1 in D.98-06-068 includes details of what is to be included in a – g below.

10. Annual Report. The Utility shall file with the Commission, prior to the last working day in May of each year, a report which includes:

A. The annual consolidated financial statements of the holding company as reported on Form 10K filed with the Securities and Exchange Commission. The Utility shall also provide workpapers that reconcile the holding company's Form 10K with the holding company's, the Utility's, and each affiliate's general ledgers for the previous calendar year.

B. A summary of all transactions between the Utility and its affiliates, including the holding company, for the previous calendar year. The Utility shall maintain such information on a monthly basis and make such information available LO the Commission's staff upon request. The summary shall include a description of each transaction and an accounting of all costs associated with each transaction, as set forth in Appendix A to this Settlement, although each transaction need not be separately identified where multiple transactions occur in the same account. These transactions shall include

(a) services provided by the Utility to any affiliate, including the holding company;

(b) services provided by any affiliate, including the holding company, to the Utility;

(c) assets transferred from the Utility to any affiliate, including the holding company;

(d) assets transferred from any affiliate, including the holding company, to the Utility;

(e) employees transferred from the Utility to any affiliate, including the holding company;

(f) employees transferred from any affiliate, including the holding company, to the Utility; and

(g) financing arrangements and transactions between the Utility and its affiliated companies, including the holding company.

C. A copy of each report filed with the Securities and Exchange Commission during the previous year.

Comment:

Items 1 through 7 of ATR VIII.F is the same as the Holding Company Rule 10. In addition, ATR VIII.F adds items 8 and 9.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

Appendix A of Attachment 1 in D.98-06-068 includes details of what is to be included in a – g as follows:

A. Services Provided By The Utility To Any Affiliate, Including The Holding Company

A summary of each account affected by an affiliated transaction, detailed by name of affiliate, description of service provided, accounts used, and amounts booked to each account, together with the following information for each service provided:

1. Rate charged, with explanation if different rates are charged
2. Formula for determining rate
3. Whether service is provided to nonaffiliate, with explanation if service not provided to nonaffiliate
4. Rate charged to nonaffiliate, with explanation if rate different than that charged to affiliate
5. Formula for determining rate charged nonaffiliate

B. Services Provided By The Affiliate Or Holding Company To The Utility

A summary of each account affected by an affiliated transaction, detailed by name of affiliate, description of service provided by affiliate, accounts used, and amounts booked to each account, together with the following information for each service provided:

1. Rate charged, with explanation if different rates are charged
2. Formula for determining rate
3. Whether service is provided to nonaffiliate, with explanation if service not provided to nonaffiliate
4. Rate charged to nonaffiliate or other affiliates, with explanation if rate different than that charged to Utility
5. Formula for determining rate charged nonaffiliate

C. Assets Transferred From The Utility To Any Affiliate, Including The Holding Company

1. Description of each asset transferred or sold
2. Asset's use to Utility
3. Asset's use to affiliate
4. Reason for disposition of asset
5. Number of years *in* ratebase I
6. Fair market value, if applicable

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

7. Price charged to affiliate, with explanation if sold for less than fair market value
 8. Whether asset was offered on the open market and, if not, why not
 9. Detail of accounts affected and amount booked to each account
 10. Treatment of gain
- D. Assets Transferred From The Affiliate, Including The Holding Company To The Utility
1. Description of each asset transferred or sold
 2. Asset's use to affiliate
 3. Asset's use to Utility
 4. Reason for disposition of asset
 5. Reason for not purchasing asset from nonaffiliate
 6. Fair market value of asset
 7. Detail of accounts affected and amount booked to each account
 8. Price paid by Utility
- E. Employees Transferred From Utility To Affiliate
1. Employee's name
 2. Date of transfer
 3. Employee's title and duties at Utility
 4. Length of time with Utility
 5. Last annual salary with Utility
 6. Duties to be performed and title at affiliate
 7. Whether duties to continue at Utility and, if so, identity of the employee to perform these duties and years of experience in performing these duties
 8. If duties to be discontinued, effect on Utility's service
 9. Reason for transfer
- F. Employees Transferred From Affiliate To Utility
1. Employee's name
 2. Date of transfer
 3. Employee's duties and title at affiliate
 4. Length of time with affiliate

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

5. Last annual salary with affiliate
 6. Annual salary at Utility
 7. Duties to be performed and title at Utility
 8. Qualifications for performing this duty at the Utility
 9. Reason for transfer
- G. Financial Arrangements And Transactions Between The Utility And Any Affiliate, Including The Holding Company
1. Name of affiliate
 2. Date of transaction
 3. Amount of transaction
 4. Detail of each account affected and amount booked to each account
 5. Rate of interest charged for transaction
 6. Length of transaction
 7. Schedule for repayment
 8. Detail of payments made during year
 9. Source of funds provided to affiliate
 10. Rate of interest, amount of new debt issued or proposed to be issued by the Utility to provide funds to an affiliate, and term of such new debt
 11. Effect on common equity if retained earnings reduced to provide funds to an affiliate
 12. Explanation of Utility's plans to return to a capital structure consistent with that determined to be reasonable by the Commission in its most recent decision on the Utility's capital structure if provision of funds from retained earnings to an affiliate results *in* a capital structure inconsistent with that determined to be reasonable by the *Commission*
 13. Number of shares issued, number of shares sold, and effect on capital structure if Utility issues stock to provide funds to an affiliate

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

RULE IX. Confidentiality

Any records or other information of a confidential nature furnished to the Commission pursuant to these Rules that are individually marked Confidential are not to be treated as public records and shall be treated in accordance with P. U. Code § 583 and the Commission's General Order 66-C, or their successors.

D.98-06-068, Rule 30

30. Confidentiality. Any record or other information of a confidential nature furnished to the Commission's staff under the terms of this Settlement shall be treated in accordance with provisions of the Commission's General Order 66-C.

Comment:

The ATR IX is the same as Holding Company Rule 30. In addition, ATR IX adds "or their successors."

RULE X. Provision of Non-tariffed Products and Services (NTP&S)

GSWC notes that this is a change from GSWC's Holding Company Rules which required that all unregulated businesses be conducted by one of GSWC's unregulated affiliates.

In Decision 10-10-019, Ordering Paragraph 5 states: "Notwithstanding Paragraph 20 of the Settlement adopted by Decision 98-06-068 and attached thereto, Golden State Water Company may offer non-tariffed products and services consistent with the rules in Appendix A."

X.A. Except as provided for in these rules, new products and services shall be offered through affiliates.

X.B. A utility may only offer on the open market the following products and services:

- 1. Existing products and services offered by the utility pursuant to tariff;**
- 2. New products and services that are offered on a tariffed basis; and**
- 3. Products and services that are offered on a non-tariffed basis (NTP&S) and that meet the following conditions:**
 - a) The NTP&S utilizes a portion of the excess or unused capacity of a utility asset or resource;**
 - b) Such asset or resource has been acquired for the purpose of and is necessary and useful in providing tariffed utility services;**
 - c) The involved portion of such asset or resource may only be used to offer the**

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

product or service on a non-tariffed basis without adversely affecting the cost, quality or reliability of tariffed utility products and services;

- d) The products and services can be marketed with minimal or no incremental ratepayer capital, minimal or no new forms of liability or business risk being incurred by utility ratepayers, and no undue diversion of utility management attention; and
- e) The utility's offering of the NTP&S does not violate any California law, regulation, or Commission policy regarding anticompetitive practices.

X.C. Revenues. Gross revenue from NTP&S projects shall be shared between the utility's shareholders and its ratepayers. In each general rate case, NPT&S revenues shall be determined and shared as follows:

1. Active NTP&S projects: 90% shareholder and 10% ratepayer.
2. Passive NTP&S projects: 70% shareholder and 30% ratepayer.
3. A utility shall classify all NTP&S as active or passive according to the table below. For a new NTP&S not listed in the table, which requires approval by the Commission by advice letter pursuant to Rule X.G, an "active" project requires a shareholder investment of at least \$125,000. Otherwise the new NTP&S shall be classified as passive. No costs recoverable through rates shall be counted toward the \$125,000 threshold.
4. Revenues received that are specified in a contract as pass-through of costs, without any mark-up, shall be excluded when determining revenue sharing. If an advice letter is required pursuant to Rule X.G, the utility shall specify in the advice letter any items other than postage, power, taxes, and purchased water for which it proposes pass-through treatment and must obtain Commission approval for such treatment.
5. For those utilities with annual Other Operating Revenue (OOR) of \$100,000 or more, revenue sharing shall occur only for revenues in excess of that amount. All NTP&S revenue below that level shall accrue to the benefit of ratepayers.
6. For those utilities with annual OOR below \$100,000, there shall be no sharing threshold, and ratepayers shall accrue all benefits for non-tariffed products and services.

X.D. Cost Allocation. All costs, direct and indirect, including all taxes, incurred due to NTP&S projects shall not be recovered through tariffed rates. These costs shall be tracked in separate accounts and any costs to be allocated between tariffed utility services and

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

NTP&S shall be documented and justified in each utility's rate case. More specifically, all incremental investments, costs, and taxes due to non-tariffed utility products and services shall be absorbed by the utility shareholders, i.e., not recovered through tariffed rates.

X.E. Annual Report of NTP&S Projects. Each utility shall include information regarding its NTP&S projects in its Annual Reports, including but not be limited to the following:

1. A detailed description of each NTP&S activity;
2. Whether and why it is classified active or passive;
3. Gross revenue received;
4. Revenue allocated to ratepayers and to shareholders, as established in the company's current general rate case;
5. A complete identification of all regulated assets used in the transaction;
6. A complete list of all employees (by position) that participated in providing the non-tariffed service, with amount of time spent on provision of the service;
7. If the NTP&S has been classified as active through advice letter submission, provide the number of the advice letter and the authorizing Resolution; and
8. If the NTP&S did not require approval through advice letter, provide the date notice was given to the Commission.

X.F. When a utility initiates the offering of NTP&S that are designated as active or passive in the table below, the utility shall provide notice of such activity by letter to the Director of the Division of Water and Audits and the Program Manager of the Division of Ratepayer Advocates-Water Branch, within 30 days of instituting such activity.

X.G. Provision of New NTP&S. Any water or sewer utility that proposes to engage in the provision of new NTP&S not included in the table below, using the excess capacity of assets or resources reflected in the utility's revenue requirement, and which are proposed to be classified as active as described herein, shall file a Tier 3 advice letter (see Resolution ALJ-202) with the Director of the Division of Water and Audits seeking Commission approval. The advice letter shall be served on the service list for Rulemaking 09-04-012 and the service list for the utility's current or most recent general rate case. The advice letter shall contain the following:

1. A full description of the proposed NTP&S, including, without limitation, the identity of parties served (if known), revenue and cost forecasts, and the term of any contract to be employed.

APPENDIX B

Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042

2. A description of the accounting method to be used to allocate the incremental costs between tariffed services and caused by the NTP&S.
3. Copies of all operative documents for the proposed service.
4. A detailed description of any items other than postage, power, taxes, and purchased water for which the utility proposes pass-through treatment for purposes of calculating revenue sharing.
5. Complete identification of all utility regulated assets and personnel resources that will be used in the proposed transaction. Identify the particular excess capacity (or capacities) asset or resource to be used to provide the NTP&S.
6. A complete list of all employees that will participate in providing the service, with an estimate of the amount of time each will spend.
7. A showing that the proposed NTP&S may be offered without adversely affecting the cost, quality, or reliability of the utility services.
8. A showing of how the NTP&S will be marketed with minimal or no incremental ratepayer capital, minimal or no new forms of liability or business risk, and no undue diversion of utility management attention.
9. A showing of how the NTP&S does not violate any law, regulation, or Commission policy regarding anti-competitive practices.
10. A justification for classifying the NTP&S as active. The utility shall demonstrate that there is or will be incremental shareholder investment above \$125,000.
11. A statement that all risks incurred through this proposed NTP&S project shall be borne by the utility's shareholders.
12. A description of the market served by the proposed NTP&S project, a list or description of the current incumbents in that market, and an analysis of how the utility's entry into the market will affect the market's competitiveness. Include in this analysis a description of how the utility will guard against using anti-competitive pricing in this market.
13. Any other information, opinions, or documentation that might be relevant to the Commission's consideration of the NTP&S.

APPENDIX B

**Comparison of Affiliate Transaction Rules and GSWC Holding Company Rules as
Adopted in D.10-10-019 and Modified in D.11-10-034 and D.12-01-042**

**DESIGNATION OF ACTIVE AND PASSIVE NTP&S WATER AND SEWER UTILITY
PROJECTS**

CATEGORY	ACTIVITY	ACTIVE/PASSIVE DESIGNATION
Use of Facilities	• Placement of third party communications equipment, attachments, conduit and cable • Parking • Vehicle storage • Office space	Passive
Use of General Facilities	• Parking • Vehicle storage • Meeting/training • Office Space • Placement of third party communications equipment, attachments, conduit and cable	Passive
Use of Heavy Equipment and Machinery	• Use of heavy equipment such as cranes, machinery, equipment	Passive
Geographic Information Systems Services	• Mapping services • Map creation • Specialized geographic data base analysis and development • User training	Passive
Miscellaneous Services	• Training, technical certification, conferences and seminars	Passive
License of utility Software	• Utility developed software • Software licensed to the utility	Active
Customer Account Management Services	• Bill calculation, processing and presentation • Meter reading • Payment processing • Credit and collections • Phone center services (responding to customer billing questions, service establishment requests) • Other field services	Active
Operation and Maintenance Contracts	• Operation and Maintenance of Third Party Utility Systems • Leases of Third party utility systems • Design/Build contracts	Active
Meter Services	• Replacement of Water Meters for Third Party Utility systems	Active
Customer Ancillary Services	• Customer Facility Related Services, Including Maintenance Contracts	Active

**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: California Department of Public Health-(ARRA)
 Address: 1616 Capital Avenue MS 7408
 Phone Number: 916-449-5600
 Account Number: Project Number 3410015-006
 Date Hired: 2009

2. Total surcharge billed to customers during the 12 month reporting period:

\$ 304,962 *

* \$304,962 is the surcharge billed to customers, not collected from customers

Meter Size	No. of Metered Customers as of 12/31/2017	Monthly Surcharge Per Customer
5/8 X 3/4 inch	2,401	\$ 0.75
3/4 inch	10,284	1.13
1 inch	1,280	1.88
1 1/2 inch	117	3.75
2 inch	887	6.00
3 inch	140	11.25
4 inch	35	18.75
6 inch	5	37.50
8 inch	1	60.00
10 inch	1	86.25
Number of Flat Rate Customers	1,190	1.40
Total	16,341	

3. Summary of the bank account activities showing:

Balance at beginning of year	\$ 205,653
Add: Deposits during the year	<u>347,956</u>
Interest earned	<u>739</u>
Other deposits	<u> </u>
Less: Loan payments	<u>(316,324)</u>
Bank charges	<u> </u>
Other withdrawals	<u> </u>
Balance at end of year	<u>\$ 238,025</u>

4. Reason for other deposits/withdrawals

5. Total Accumulated Reserve: \$ 238,025

**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					\$ -
3	302	Franchises and Consents					-
4	303	Other Intangible Plant					-
5		Total Intangible Plant	\$ -	\$ -	\$ -	\$ -	\$ -
6							
7		II. LANDED CAPITAL					
8	306	Land and Land Rights					\$ -
9							
10		III. SOURCE OF SUPPLY PLANT					
11	311	Structures and Improvements					\$ -
12	312	Collecting and Impounding Reservoirs					-
13	313	Lake, River and Other Intakes					-
14	314	Springs and Tunnels					-
15	315	Wells					-
16	316	Supply Mains					-
17	317	Other Source of Supply Plant					-
18		Total Source of Supply Plant	\$ -	\$ -	\$ -	\$ -	\$ -
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					-
25	325	Other Pumping Plant					-
26		Total Pumping Plant	\$ -	\$ -	\$ -	\$ -	\$ -
27							
28		V. WATER TREATMENT PLANT					
29	331	Structures and Improvements					\$ -
30	332	Water Treatment Equipment					-
31		Total Water Treatment Plant	\$ -	\$ -	\$ -	\$ -	\$ -
32							
33		VI. TRANSMISSION AND DIST. PLANT					
34	341	Structures and Improvements					\$ -
35	342	Reservoirs and Tanks					-
36	343	Transmission and Distribution Mains					-
37	344	Fire Mains					-
38	345	Services	2,073,197				2,073,197
39	346	Meters	6,565,124				6,565,124
40	347	Meter Installations					-
41	348	Hydrants					-
42	349	Other Transmission and Distribution Plant					-
43		Total Transmission and Distribution Plant	\$ 8,638,321	\$ -	\$ -	\$ -	\$ 8,638,321

**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	\$ 8,638,321	\$ -	\$ -	\$ -	\$ 8,638,321

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	\$ -	\$ -	\$ -	\$ -	\$ -

**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: First 5 LA and First 5 Sacramento
 Address: 750 N. Alameda St, Suite 300 LA 90012 and
2750 Gateway Oaks Drive, Suite 330 Sacramento, CA 95833
 Phone Number: 213-482-5902 and 916-876-6529
 Account Number: 4121-992507
 Date Hired: 2011/2013

2. Total surcharge billed to customers during the 12 month reporting period:

\$ _____ N/A

Meter Size	No. of Metered Customers as of 12/31/2017	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		
8 inch		
10 inch		
Number of Flat Rate Customers		
Total		

3. Summary of the bank account activities showing:

Balance at beginning of year	\$ _____
Add: Deposits during the year	_____
Interest earned	_____
Other deposits	_____
Less: Loan payments	_____
Bank charges	_____
Other withdrawals	_____
Balance at end of year	\$ _____

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					\$ -
3	302	Franchises and Consents					-
4	303	Other Intangible Plant	71,756				71,756
5		Total Intangible Plant	\$ 71,756	\$ -	\$ -	\$ -	\$ 71,756
6							
7		II. LANDED CAPITAL					
8	306	Land and Land Rights					\$ -
9							
10		III. SOURCE OF SUPPLY PLANT					
11	311	Structures and Improvements					\$ -
12	312	Collecting and Impounding Reservoirs					-
13	313	Lake, River and Other Intakes					-
14	314	Springs and Tunnels					-
15	315	Wells					-
16	316	Supply Mains	615,118				615,118
17	317	Other Source of Supply Plant					-
18		Total Source of Supply Plant	\$ 615,118	\$ -	\$ -	\$ -	\$ 615,118
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	410,487				410,487
25	325	Other Pumping Plant	277,798				277,798
26		Total Pumping Plant	\$ 688,285	\$ -	\$ -	\$ -	\$ 688,285
27							
28		V. WATER TREATMENT PLANT					
29	331	Structures and Improvements	1,469,838		(8,601)		\$ 1,461,238
30	332	Water Treatment Equipment	1,800,239				1,800,239
31		Total Water Treatment Plant	\$ 3,270,077	\$ -	\$ (8,601)	\$ -	\$ 3,261,477
32							
33		VI. TRANSMISSION AND DIST. PLANT					
34	341	Structures and Improvements					\$ -
35	342	Reservoirs and Tanks					-
36	343	Transmission and Distribution Mains					-
37	344	Fire Mains					-
38	345	Services					-
39	346	Meters					-
40	347	Meter Installations					-
41	348	Hydrants					-
42	349	Other Transmission and Distribution Plant					-
43		Total Transmission and Distribution Plant	\$ -	\$ -	\$ -	\$ -	\$ -

**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	\$ 4,645,236	\$ -	\$ (8,601)	\$ -	\$ 4,636,636

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	\$ -	\$ -	\$ -	\$ -	\$ -

**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: California Department of Public Health
 Address: 1616 Capital Avenue MS 7408
 Phone Number: 916 449-5600
 Account Number: 4121-992507
 Date Hired: 2010

2. Total surcharge billed to customers during the 12 month reporting period:

\$ _____ N/A

Meter Size	No. of Metered Customers as of 12/31/2017	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		
8 inch		
10 inch		
Number of Flat Rate Customers		
Total		

3. Summary of the bank account activities showing:

Balance at beginning of year	\$ _____
Add: Deposits during the year	_____
Interest earned	_____
Other deposits	_____
Less: Loan payments	_____
Bank charges	_____
Other withdrawals	_____
Balance at end of year	\$ _____

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					\$ -
3	302	Franchises and Consents					-
4	303	Other Intangible Plant	165,072		(165,072)		-
5		Total Intangible Plant	\$ 165,072	\$ -	\$ (165,072)	\$ -	\$ -
6							
7		II. LANDED CAPITAL					
8	306	Land and Land Rights					\$ -
9							
10		III. SOURCE OF SUPPLY PLANT					
11	311	Structures and Improvements					\$ -
12	312	Collecting and Impounding Reservoirs					-
13	313	Lake, River and Other Intakes					-
14	314	Springs and Tunnels					-
15	315	Wells	3,975,334	309,543			4,284,877
16	316	Supply Mains	225,744				225,744
17	317	Other Source of Supply Plant					-
18		Total Source of Supply Plant	\$ 4,201,078	\$ 309,543	\$ -	\$ -	\$ 4,510,621
19							
20		IV. PUMPING PLANT					
21	321	Structures and Improvements					\$ -
22	322	Boiler Plant Equipment	500,412				500,412
23	323	Other Power Production Equipment					-
24	324	Pumping Equipment	3,873,669				3,873,669
25	325	Other Pumping Plant	432,024				432,024
26		Total Pumping Plant	\$ 4,806,104	\$ -	\$ -	\$ -	\$ 4,806,104
27							
28		V. WATER TREATMENT PLANT					
29	331	Structures and Improvements	397,593				\$ 397,593
30	332	Water Treatment Equipment	1,104,244				1,104,244
31		Total Water Treatment Plant	\$ 1,501,837	\$ -	\$ -	\$ -	\$ 1,501,837
32							
33		VI. TRANSMISSION AND DIST. PLANT					
34	341	Structures and Improvements	61,192				\$ 61,192
35	342	Reservoirs and Tanks	51,782				51,782
36	343	Transmission and Distribution Mains	2,534				2,534
37	344	Fire Mains					-
38	345	Services	25,845				25,845
39	346	Meters					-
40	347	Meter Installations					-
41	348	Hydrants					-
42	349	Other Transmission and Distribution Plant					-
43		Total Transmission and Distribution Plant	\$ 141,353	\$ -	\$ -	\$ -	\$ 141,353

**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	\$ 10,815,444	\$ 309,543	\$ (165,072)	\$ -	\$ 10,959,915

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	\$ -	\$ -	\$ -	\$ -	\$ -

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: None
 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

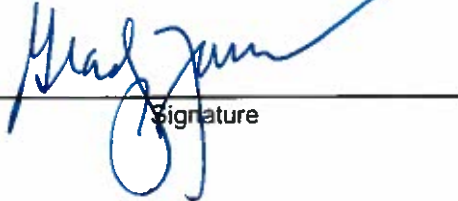
(PLEASE VERIFY THAT ALL SCHEDULES ARE ACCURATE AND COMPLETE BEFORE SIGNING)

I, the undersigned Gladys M Farrow
Officer, Partner, or Owner (Please Print)

of Golden State 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, 2017, through December 31, 2017.

Vice President Finance, Treasurer and
Assistant Secretary
Title (Please Print)


Signature

909-394-3600
Telephone Number

May 18, 2018
Date

INDEX

	<u>PAGE</u>		<u>PAGE</u>
Accidents	57	Operating expenses	46-48
Acres irrigated	62	Operating revenues	45
Advances from affiliated companies	36	Organization and control	13
Advances for construction	41	Other deferred credits	42
Affiliate Transactions	66	Other deferred debits	29,30
Assets	14	Other income	16
Assets in special funds	23-24	Other investments	23
Balance sheet	14-15	Other physical property	19
Balancing & Memorandum Accounts	64	Payables to affiliated companies	37
Bonds	35	Political expenditures	58
Bonuses paid to executives & officers	58	Population served	62
Capital stock	31	Premium on capital stock	32
Capital surplus	33	Prepayments	26
Contributions in aid of construction	43	Proprietary capital	34
Depreciation and amortization reserves	21	Purchased water for resale	59
Declaration	77	Rate base	20
Discount on capital stock	29	Receivables from affiliated companies	26
Discount and expense on funded debt	27	Revenues apportioned to cities and towns	45
Dividends declared	31	SDWBA/SRF loan data	67-75
Earned surplus	33	Securities issued or assumed	36
		Selected Financial Data Excluding Non-	
Employees and their compensation	57	Regulated Activity	9-11
Engineering and management fees	56	Service connections	61
Excess Capacity and Non-Tariffed Services	12	Sinking funds	23
Facilities Fees	76	Sources of supply and water developed	59
Franchises	18	Special deposits	24
Income statement	16	Status with Board of Public Health	63
Income deductions	16	Stockholders	31
Investments in affiliated companies	23	Storage facilities	59
Liabilities	15	Taxes	49
Loans to directors, or officers, or shareholders	58	Transmission and distribution facilities	60
Low Income Rate Assistance Program(s)	65	Unamortized debt discount and expense	27
Management fees and expenses	56	Unamortized premium on debt	27
Meters and services	61	Undistributed profits	34
Miscellaneous long-term debt	36	Utility plant	17
Miscellaneous reserves	42	Utility plant in service	17-18
Miscellaneous special funds	24	Utility plant held for future use	19
Notes payable	37	Water delivered to metered customers	62
Notes receivable	25	Water Conservation Program(s)	65
Officers	13	Working Cash	20