

Received _____

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**CLASS A
WATER UTILITIES**

U# _____

**2016
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, 2016**

REPORT MUST BE FILED NOT LATER THAN MARCH 31, 2017

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GENERAL INSTRUCTIONS

1. Two completed and signed hard copies of this report and one electronic copy must be filed **NOT LATER THAN MARCH 31, 2017**, with:

CALIFORNIA PUBLIC UTILITIES COMMISSION
WATER DIVISION
ATTN: BRUCE DEBERRY
505 VAN NESS AVENUE, ROOM 3106
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 Oath on Page 60, must be signed by an authorized officer, partner, or owner.
4. The report must be prepared in ink or by the use of a typewriter. Computer generated report forms may be substituted.
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. The totals of the details in the latter must agree with the balances of the accounts to which they refer.
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, 2016, through December 31, 2016. 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 12, 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. Common plant allocated to water should be indicated with water plant figures in Net Plant Investment.
2. The capitalization section for those reporting on both California Only and Total System Forms should be identical and completed with Total Company Data. Be sure that Advances for Construction include California water data only.
3. Complete the operation section with California water revenues and expenses, but if necessary, remove interdepartmental revenues and expenses.
4. All other utility and nonutility revenues and expenses are netted on Line No. 38.

BALANCE SHEET AND CAPITALIZATION DATA

Calendar Year 2016

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

Person Responsible for this Report: Jimmy Cheung

	<u>1/1/2016</u>	<u>12/31/2016</u>	<u>Average</u>
BALANCE SHEET DATA			
1 Intangible Plant	\$ 34,830,354	\$ 36,273,376	\$ 35,551,865
2 Land and Land Rights	15,148,605	15,254,592	15,201,599
3 Depreciable Plant	1,367,042,747	1,452,065,995	1,409,554,371
4 Gross Plant in Service	<u>1,417,021,707</u>	<u>1,503,593,964</u>	<u>1,460,307,835</u>
5 Less: Accumulated Depreciation	(479,171,259)	(479,108,583)	(479,139,921)
6 Net Water Plant in Service	<u>937,850,448</u>	<u>1,024,485,381</u>	<u>981,167,914</u>
7 Water Plant Held for Future Use	-	-	-
8 Construction Work in Progress	58,972,753	56,587,231	57,779,992
9 Materials and Supplies	4,860,316	3,724,251	4,292,284
10 Less: Advances for Construction	(71,254,836)	(73,052,586)	(72,153,711)
11 Less: Contributions in Aid of Construction	(117,810,150)	(120,518,131)	(119,164,141)
12 Less: Accumulated Deferred Income and Investment Tax Credits	(197,269,837)	(229,326,692)	(213,298,264)
13 Net Plant Investment	<u>\$ 615,348,694</u>	<u>\$ 661,899,454</u>	<u>\$ 638,624,074</u>
CAPITALIZATION			
14 Common Stock	\$ 238,795,023	\$ 240,481,591	\$ 239,638,307
15 Proprietary Capital (Individual or Partnership)	-	-	-
16 Paid-in Capital	-	-	-
17 Retained Earnings	184,187,892	205,541,927	194,864,910
18 Common Stock and Equity (Lines 14 through 17)	<u>422,982,915</u>	<u>446,023,518</u>	<u>434,503,217</u>
19 Preferred Stock	-	-	-
20 Long-Term Debt	325,541,468	325,251,629	325,396,549
21 Notes Payable	311,658	329,539	320,599
22 Total Capitalization (Lines 18 through 21)	<u>\$ 748,836,041</u>	<u>\$ 771,604,686</u>	<u>\$ 760,220,364</u>

INCOME STATEMENT AND OTHER DATA

Calendar Year 2016

Name of Utility: Golden State Water Company

Telephone: 909-394-3600

INCOME STATEMENT	Annual Amount
23 Unmetered Water Revenue	\$ 2,543,926
24 Fire Protection Revenue	1,717,314
25 Irrigation Revenue	7,911,918
26 Metered Water Revenue	285,984,616
27 Total Operating Revenue	<u>298,157,774</u>
28 <u>Operating Expenses</u>	<u>147,411,755</u>
29 Depreciation Expense (Composite Rate: <u>2.9% for both water and electric</u>)	<u>33,041,529</u>
30 Amortization and Property Losses	<u>1,707,766</u>
31 Property Taxes	<u>8,263,724</u>
32 Taxes Other Than Income Taxes	<u>20,813,182</u>
33 Total Operating Revenue Deduction Before Taxes	<u>211,237,956</u>
34 California Corp. Franchise Tax	<u>5,185,666</u>
35 Federal Corporate Income Tax	<u>20,107,075</u>
36 Total Operating Revenue Deduction After Taxes	<u>236,530,697</u>
37 Net Operating Income (Loss) - California Water Operations	<u>61,627,077</u>
38 Other Operating and Nonoperating. Income and Exp. - Net (Exclude Interest Expense)	<u>5,037,413</u>
39 Income Available for Fixed Charges	<u>66,664,490</u>
40 Interest Expense	<u>19,695,627</u>
41 Net Income (Loss) Before Dividends	<u>46,968,863</u>
42 Preferred Stock Dividends	<u>-</u>
43 Net Income (Loss) Available for Common Stock	<u>\$ 46,968,863</u>

OTHER DATA

44 Refunds of Advances for Construction	<u>3,072,263</u>
45 Total Payroll Charged to Operating Expenses	<u>48,857,752</u>
46 Purchased Water	<u>49,609,313</u>
47 Power	<u>8,662,971</u>
48 Class A Water Companies Only:	
a. Pre-TRA 1986 Contributions in Aid of Construction	<u>1,066,769</u>
b. Pre-TRA 1986 Advances for Construction	<u>7,937,559</u>
c. Post TRA 1986 Contributions in Aid of Construction	<u>118,830,436</u>
d. Post TRA 1986 Advances for Construction	<u>64,070,580</u>

Active Service Connections

	Jan. 1	Dec. 31	Annual Average
49 Metered Service Connections	253,837	255,393	254,615
50 Flat Rate Service Connections	6,451	5,851	6,151
51 Total Active Service Connections	260,288	261,244	260,766

BALANCE SHEET AND CAPITALIZATION DATA
Adjusted to Exclude Non-Regulated Activity

Calendar Year 2016

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

Person Responsible for this Report: Jimmy Cheung

	<u>1/1/2016</u>	<u>12/31/2016</u>	<u>Average</u>
BALANCE SHEET DATA			
1 Intangible Plant	\$ 34,830,354	\$ 36,273,376	\$ 35,551,865
2 Land and Land Rights	15,148,605	15,254,592	15,201,599
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5 Less: Accumulated Depreciation	(479,171,259)	(479,108,583)	(479,139,921)
6 Net Water Plant in Service	937,850,448	1,024,485,381	981,167,914
7 Water Plant Held for Future Use	-	-	-
8 Construction Work in Progress	58,972,753	56,587,231	57,779,992
9 Materials and Supplies	4,009,470	2,795,459	3,402,464
10 Less: Advances for Construction	(70,189,323)	(72,008,138)	(71,098,731)
11 Less: Contributions in Aid of Construction	(108,299,235)	(109,010,952)	(108,655,093)
12 Less: Accumulated Deferred Income and Investment Tax Credits	(179,920,692)	(212,196,888)	(196,058,790)
13 Net Plant Investment	\$ 642,423,421	\$ 690,652,093	\$ 666,537,757
CAPITALIZATION			
14 Common Stock	\$ 238,795,023	\$ 240,481,591	\$ 239,638,307
15 Proprietary Capital (Individual or Partnership)	-	-	-
16 Paid-in Capital	-	-	-
17 Retained Earnings	134,299,951	150,616,574	142,458,262
18 Common Stock and Equity (Lines 14 through 17)	373,094,974	391,098,165	382,096,570
19 Preferred Stock	-	-	-
20 Long-Term Debt	325,541,468	325,251,629	325,396,549
21 Notes Payable	311,658	329,539	320,599
22 Total Capitalization (Lines 18 through 21)	\$ 698,948,100	\$ 716,679,333	\$ 707,813,717

Note: Line 9: Adjusted to exclude materials and supplies related to electric operations.
Line 10: Adjusted to exclude Advances for Construction related to electric operations.
Line 11: Adjusted to exclude Contributions in Aid of Construction related to electric operations and publicly funded grant plant.
Line 12: Adjusted to exclude Deferred Income and Investment Tax Credits related to electric operations.
Line 17: Adjusted to exclude Retained Earnings related to electric operation and non-regulated activities.
Line 22: Adjusted to exclude certain activities related to electric operations and non-regulated activities.

INCOME STATEMENT AND OTHER DATA
Adjusted to Exclude Non-Regulated Activity
 Calendar Year 2016

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

	<u>Annual Amount</u>
INCOME STATEMENT	
23 Unmetered Water Revenue	\$ 2,543,926
24 Fire Protection Revenue	1,717,314
25 Irrigation Revenue	7,911,918
26 Metered Water Revenue	285,984,616
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37 Net Operating Income (Loss) - California Water Operations	<u>61,627,077</u>
38 Other Operating and Nonoperating. Income and Exp. - Net (Exclude Interest Expense)	<u>-</u>
39 Income Available for Fixed Charges	<u>61,627,077</u>
40 Interest Expense	<u>19,695,627</u>
41 Net Income (Loss) Before Dividends	<u>41,931,450</u>
42 Preferred Stock Dividends	<u>-</u>
43 Net Income (Loss) Available for Common Stock	<u>\$ 41,931,450</u>
OTHER DATA	
44 Refunds of Advances for Construction	<u>3,072,263</u>
45 Total Payroll Charged to Operating Expenses	<u>48,857,752</u>
46 Purchased Water	<u>49,609,313</u>
47 Power	<u>8,662,971</u>
48 Class A Water Companies Only:	
a. Pre-TRA 1986 Contributions in Aid of Construction	<u>1,066,769</u>
b. Pre-TRA 1986 Advances for Construction	<u>7,937,559</u>
c. Post TRA 1986 Contributions in Aid of Construction	<u>118,830,436</u>
d. Post TRA 1986 Advances for Construction	<u>64,070,580</u>

	<u>Jan. 1</u>	<u>Dec. 31</u>	<u>Annual Average</u>
<u>Active Service Connections</u>			
49 Metered Service Connections	253,837	255,393	254,615
50 Flat Rate Service Connections	6,451	5,851	6,151
51 Total Active Service Connections	<u>260,288</u>	<u>261,244</u>	<u>260,766</u>

Excess Capacity and Non-Tariffed Services

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

Based on the information and filings required in D.00-07-018, D.03-04-028, and D.04-12-023, provide the following information by each individual non-tariffed good and service provided in 2015:

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

Notes to Adjusted Selected Financial Data

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 Adjusted BS & Cap Data (Utility) to exclude \$928,792 Materials and Supplies related to Electric Operations.
 - 2 Adjusted BS & Cap Data (Utility) to exclude \$1,044,448 Advances for Construction related to Electric Operations.
 - 3 Adjusted BS & Cap Data (Utility) to exclude \$620,927 Contributions in Aid of Construction related to Electric Operations and \$10.9M of publicly funded grant plant.
 - 4 Adjusted IS & Other Data (Utility) to exclude \$5,037,413 related to Electric Operations and non-regulated activities. See schedules B-6, B-7, B-8 and B-10 for details
 - 5 Adjusted BS & Cap Data (Utility) to exclude \$17,129,803 Accumulated Deferred Income and Investment Tax Credits related to Electric Operations.
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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:
 Individual (name of owner) _____
 Partnership (name of partner) _____
 Partnership (name of partner) _____
 Partnership (name of partner) _____
 Corporation (corporate name) _____
 Organized under laws of (state) CALIFORNIA Date: 12/31/1929

Principal Officers:
 Name: ROBERT J. SPROWLS Title: PRESIDENT, CEO
 Name: EVA G. TANG Title: CFO, SR. VICE PRESIDENT- FINANCE
 Name: DENISE L. KRUGER Title: SR VICE PRESIDENT, REGULATED UTILITIES
 Name: BRYAN K. SWITZER Title: VICE PRESIDENT -REGULATORY AFFAIRS
 Name: GLADYS M. FARROW Title: VICE PRESIDENT FINANCE, TREASURY
 Name: PATRICK R. SCANLON Title: VICE PRESIDENT -WATER OPERATIONS
 Name: PAUL J. ROWLEY Title: VICE PRESIDENT -WATER OPERATIONS
 Name: WILLIAM C GEDNEY Title: VICE PRESIDENT-ENVIRONMENTAL QUALITY

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: NONE Date: _____
 Name: _____ Date: _____
 Name: _____ Date: _____
 Name: _____ Date: _____

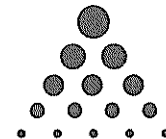
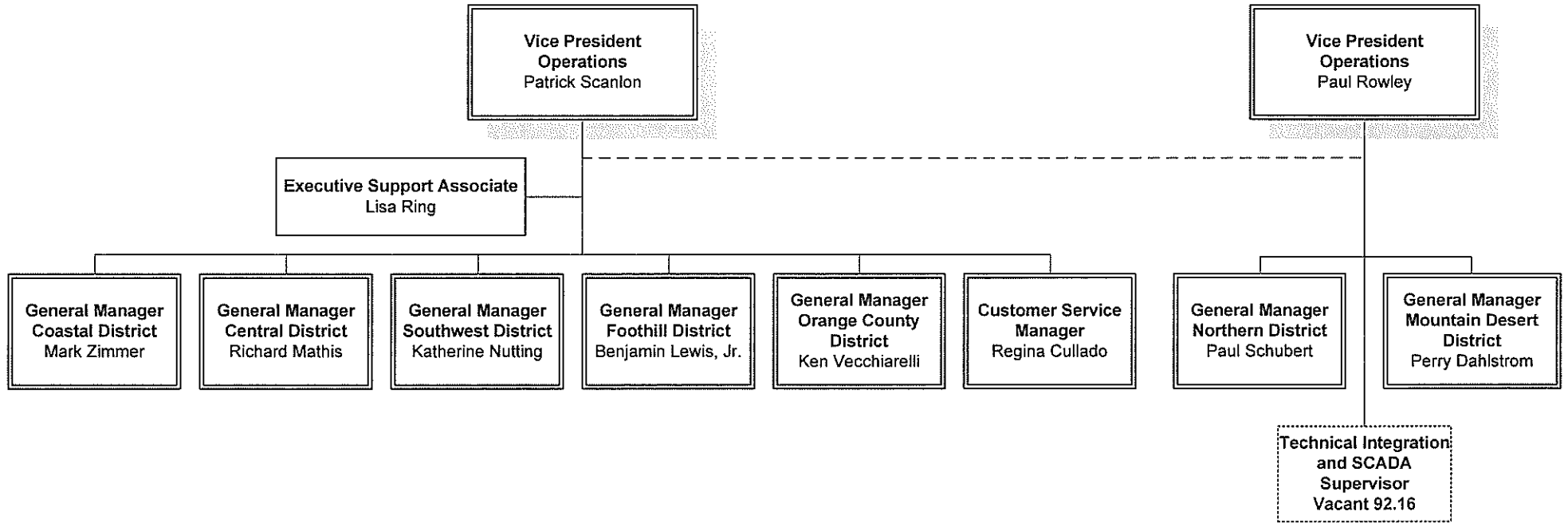
10. Use the space below for supplementary information or explanations concerning this report:

11. List Name, Grade, and License Number of all Licensed Operators:
SEE SCHEDULE ATTACHED

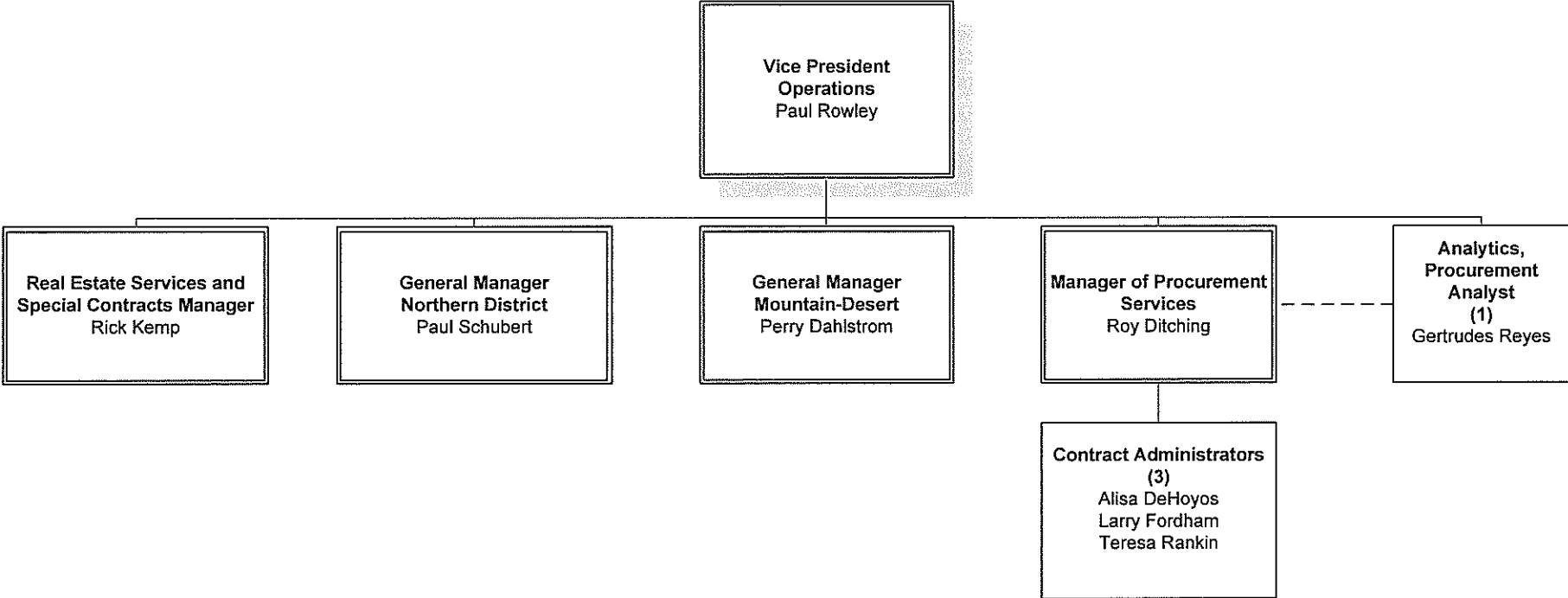
12. List Name, Address, and Phone Number of your company's external auditor:
 Name: PRICEWATERHOUSE COOPERS LLP Telephone: 213-356-6939
 Address: 601 SOUTH FIGUEROA STREET, LOS ANGELES, CA 90017

13. This annual report was prepared by:
GOLDEN STATE WATER COMPANY
 Name of firm or consultant: NONE
 Address of firm or consultant: _____
 Phone Number of firm or consultant: ()

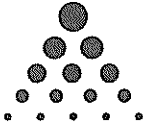
Operations



Water Operations & Procurement Services



REVISED/REVIEWED
1/26/16



Employee	Location	Supervisor	Distribution				Treatment			
			Certification Level	Cerification Number	Renewal Date	Expiration Date	Certification Level	Cerification Number	Renewal Date	Expiration Date
Aguilar, Lucy	Central Basin West CSA	Garten, Steven	CA DIST-Level 1	22988	8/1/2019	12/1/2019				
Ahart, Keith	Clearlake CSA	Schubert, Paul	CA DIST-Level 2	14488	4/1/2018	8/1/2018	CA TRMT-Level 4	16944	10/1/2019	2/1/2020
Aiello, Marco	Claremont CSA	Traffas, Tom	CA DIST-Level 3	14224	12/1/2019	4/1/2020	CA TRMT-Level 1	17267	8/1/2019	12/1/2019
Allen, Charles	GSWC-Anaheim Hdqtrs	Hancocks, Brandy	CA DIST-Level 4	19265	2/1/2020	6/1/2020	CA TRMT-Level 2	24616	9/1/2017	1/1/2018
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				
Anderson, Travis	Arden-Cordova-Coloma	Schubert, Paul	CA DIST-Level 3	8168	4/1/2018	8/1/2018	CA TRMT-Level 5	26738	3/1/2019	7/1/2019
Arroyo, Jose	San Gabriel CSA	Nila, Robert	CA DIST-Level 1	43043	7/1/2019	11/1/2019				
Astudillo, Angel	Los Alamitos CSA	Ho-Sang, Jennifer	CA DIST-Level 1	40391	7/1/2017	11/1/2017				
Attwood, Steve	Barstow CSA	Ramirez, Jesse	CA DIST-Level 4	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	1/1/2018	5/1/2018	CA TRMT-Level 2	25503	3/1/2019	7/1/2019
Babb, Mike	Santa Maria CSA	Zimmer, Mark	CA DIST-Level 3	36373	9/1/2017	1/1/2018	CA TRMT-Level 2	30713	1/2/2018	5/2/2018
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	11/1/2017	3/1/2018	CA TRMT-Level 3	18032	4/1/2019	8/1/2019
Banuelos, Robert	Anaheim Hdqtrs	Combes, Adrian	CA DIST-Level 2	41446	4/1/2018	8/1/2018	CA TRMT-Level 2	35649	7/1/2019	11/1/2019
Barnette, Ricky	Los Alamitos Field Ops	Steve Brown	CA DIST-Level 1	16778	8/1/2019	12/1/2019				
Bartlett, Koa	Central Basin West CSA	Garten, Steven	CA DIST-Level 1	38716	11/1/2019	3/1/2020				
Bazylak, 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	5/1/2017	9/1/2017	CA TRMT-Level 2	29145	9/1/2017	1/1/2018
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	7/1/2017	11/1/2017
Bocanegra, Federico	Central District Water Supply	Hughes, John	CA DIST-Level 3	15395	2/1/2018	6/1/2018	CA TRMT-Level 2	23806	3/1/2017	7/1/2017
Briseno, Eric	Claremont CSA	Traffas, Tom	CA DIST-Level 2	36822	8/1/2017	12/1/2017				
Brown, Derrick	Southwest	Orozco, Jarvis	CA DIST-Level 1	16785	8/1/2018	12/1/2018				
Brown, Justin	Santa Maria CSA	Panoofsky, Megan	CA DIST-Level 4	34983	5/1/2017	9/1/2017	CA TRMT-Level 2	30961	3/1/2018	7/1/2018
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	Babb, Mike	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	Villarreal, Ernesto	CA DIST-Level 2	39047	7/1/2017	11/1/2017				
Camorlinga, Fernando	Southwest-Spring Street	Cathcart, David	CA DIST-Level 2	22542	8/1/2019	12/1/2019				
Candioty, Fred	San Gabriel Saxon	Nila, Robert	CA DIST-Level 1	46747	1/1/2019	5/1/2019				
Carder, Jeffery	Arden-Cordova-Coloma	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	8/1/2017	12/1/2017				
Carmona, Ernesto	Central Basin East	Rivera, Albert	CA DIST-Level 2	38732	6/1/2019	10/1/2019	CA TRMT-Level 2	32850	6/1/2019	10/1/2019
Carmona, Jorge	Southwest	Villarreal, Ernesto	CA DIST-Level 2	36892	12/1/2016	4/1/2017	CA TRMT-Level 2	32452	5/1/2019	9/1/2019
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	2/1/2017	6/1/2017				
Cerda,raul	Los Alamitos Field Ops	Brown, Steven	CA DIST-Level 2	17118	1/1/2020	5/1/2020				
Chase, Jkames	Ojai CSA	Luongo, James	CA DIST-Level 2	32566	7/1/2018	11/1/2018	CA TRMT-Level 2	25901	10/1/2018	2/1/2019
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
Combs, Billy	Southwest District CSA	Cathcart, David	CA DIST-Level 2	9009	3/2/2018	7/2/2018				
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	12/2/2017	4/1/2018				
Correa, Jorge	Central Basin West CSA	Garten, Steven	CA DIST-Level 1	46506	10/1/018	2/1/2019				
Cortez, Ramon	Anaheim Hdqtrs	Carver, Paul	CA DIST-Level 2	41318	2/1/2018	6/1/2018				
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
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	12/1/2017	4/1/2018				
Davis, Marcus	Bay Point CSA	Gonzalez, Tina	CA DIST-Level 3	31084	8/1/2017	12/1/2017	CA TRMT-Level 2	28811	3/1/2019	7/1/2019

Employee	Location	Supervisor	Distribution				Treatment			
			Certification Level	Cerification Number	Renewal Date	Expiration Date	Certification Level	Cerification Number	Renewal Date	Expiration Date
De La Rocha, Ivan	Los Alamitos CSA	Ho-Sang, Jennifer	CA DIST-Level 1	44536	7/1/2017	11/1/2017				
Dean, James	Apple Valley CSA	Ramirez, Jesse					CA TRMT-Level 1	37078	10/1/2017	2/1/2018
Delgado, Pedro	Central Basin West CSA	Garten, Steven	CA DIST-Level 1	29312	2/1/2017	6/1/2017				
Deras, Luke	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	40460	9/1/2019	1/1/2020	CA TRMT-Level 1	37566	3/1/2018	7/1/2018
Dewald, James	Los Alamitos Field Ops	Brown, Steven	CA DIST-Level 2	46577	7/1/19	11/1/2019	CA TRMT-Level 1	38824	6/1/2019	10/1/2019
Eikamp, David	Orange County-Water Supply	Vecchiarelli, Ken	CA DIST-Level 3	8628	12/2/2017	4/1/2018	CA TRMT-Level 2	21947	7/1/2017	11/1/2017
Eleasaro, Eleasaro	Southwest Broadway	Cathcart, David	CA DIST-Level 2	37551	1/1/2018	5/1/2018				
Ellis, Dietrich	Southwest District CSA	Orozco, Jarvis	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	12/1/2017	4/1/2018	CA TRMT-Level 2	20837	1/1/2019	5/1/2019
Faulkner, Kristen	Anaheim Hdqtrs	Cullado, Regina					CA TRMT-Level 1	27402	11/1/2017	3/1/2018
Fernandez, Miguel	Simi Valley CSA	Rigg, Scoot	CA DIST-Level 1	47863	8/1/2019	12/1/2019				
Figueroa, John	Ojai CSA	Luongo, James	CA DIST-Level 1	45692	4/1/2018	8/1/2018	CA TRMT-Level 2	38436	2/1/2019	6/1/2019
Fryer, Michael	Foothill Dtictrict Office	Snay, Kyle	CA DIST-Level 3	16813	11/1/2018	3/1/2019	CA TRMT-Level 3	26142	2/1/2017	6/1/2017
Gallardo, Aaron	Central	Rivera, Albert	CA DIST-Level 1	34512	12/1/2016	4/1/2017	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
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, Jose A.	Saxon Plant Field Office	Bancroft, Steven	CA DIST-Level 4	40066	3/1/2018	7/1/2018	CA TRMT-Level 1	34588	4/1/2018	8/1/2018
Garcia, Philip L.	Claremont CSA	Traffas, Tom	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	11/1/2019	3/1/2020	CA TRMT-Level 4	16451	7/1/2017	11/1/2017
Gill III, Billy	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	15355	1/1/2018	5/1/2018				
Gisler, Ernest	Region 1 Headquarters	Kruger, Denise	CA DIST-Level 2	10391	1/1/2018	5/1/2018	CA TRMT-Level 4	23782	1/1/2019	5/1/2019
Godsey, David	Calipatria CSA	Dahlstrom, Perry	CA DIST-Level 3	9748	11/1/2017	3/1/2018	CA TRMT-Level 4	12526	3/1/2018	7/1/2018
Gomez, Sonny	Southwest	Orozco, Jarvis	CA DIST-Level 1	46248	7/1/2018	11/1/2018				
Gonzales, Carlos	Southwest-Spring Street	Villarreal, Ernesto	CA DIST-Level 2	14237	12/1/2017	4/1/2018				
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	11/1/2018	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	7/1/2017	11/1/2017
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	CA TRMT-Level 1	19652	2/1/2017	6/1/2017
Haller, Joseph	Wrightwood	Cowen, James	CA DIST-Level 3	18481	9/1/2017	1/1/2018	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	3/1/2017	7/1/2017	CA TRMT-Level 2	29924	3/1/2018	7/1/2018
Hargett, Logan	Simi Valley CSA	Rigg, Scoot	CA DIST-Level 1	33578	6/1/2019	10/1/2019	CA TRMT-Level 1	29923	3/1/2017	7/1/2017
Hawken, Matthew	Barstow CSA	Ramirez, Jesse	CA DIST-Level 3	30876	3/1/2019	7/1/2019	CA TRMT-Level 2	28432	3/1/2018	7/1/2018
Heavener, Kenneth	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	8433	1/1/2018	5/1/2018				
Heeren, Erik	Los Osos CSA	Lindstrom, Anthony	CA DIST-Level 1	47029	1/1/2019	5/1/2019	CA TRMT-Level 1	38873	8/1/2019	12/1/2019
Henderson, Bill	Southwest District CSA	Orozco, Jarvis	CA DIST-Level 1	17031	6/1/2017	10/1/2017				
Henry, Michael	Foothill Water Supply-San Dimas	Wert, Dale	CA DIST-Level 3	5542	1/1/2018	5/1/2018	CA TRMT-Level 3	8991	12/1/2016	4/1/2017
Hernandez, Eric	Central Basin West Bissell	Garten, Steven	CA DIST-Level 2	40403	2/1/2018	6/1/2018				
Hernandez, Rafael	Central Basin Water Supply	Hughes, John	CA DIST-Level 3	33471	1/1/2017	5/1/2017	CA TRMT-Level 2	31655	9/1/2017	1/1/2018
Hernandez, Rick	Simi Valley CSA	Rigg, Scoot	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	8/1/2017	12/1/2017				
Huff, William	Foothill District Office	Khong, Edward	CA DIST-Level 3	24752	10/1/2018	2/1/2019	CA TRMT-Level 3	5048	9/1/2017	1/1/2018
Hughes, John	Central District Office	Mathis, Richard	CA DIST-Level 2	8206	4/1/2018	8/1/2018	CA TRMT-Level 3	17883	5/2/2018	9/2/2018
Illia, Mark	Clearlake CSA	Ahart, Keith	CA DIST-Level 3	18499	6/1/2017	10/1/2017	CA TRMT-Level 4	24659	11/1/2019	3/1/2020
Ingram, Anton	Southwest-Spring Street	Villarreal, Ernesto	CA DIST-Level 2	8984	4/1/2018	8/1/2018				
Insko, Mark	Region 1 Headquarters	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				
Johnson, Jarvis	San Dimas CSA	Standi, John	CA DIST-Level 3	29326	11/1/2017	3/1/2018	CA TRMT-Level 2	27130	12/1/2017	4/1/2018
Jones, John	Foothill District Office	Khong, Edward	CA DIST-Level 3	7135	4/1/2018	8/1/2018	CA TRMT-Level 2	17095	2/1/2019	6/1/2019

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Juare, Daniel	Apple Valley CSA	Ramirez, Jesse	CA DIST-Level 3	3486	6/1/2017	10/1/2017	CA TRMT-Level 2	12512	2/1/2019	6/1/2019
Kawamura, Joseph	Santa Maria CSA	Babb, Mike	CA DIST-Level 4	8436	9/1/2017	1/1/2018	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	CA TRMT-Level 3	23162	7/1/2017	11/1/2017
Kilgannon, Heather	Foothill District Office	White, Dawn	CA DIST-Level 3	5660	6/1/2017	10/1/2017	CA TRMT-Level 2	19209	6/1/2017	10/1/2017
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, Ethan	San Dimas CSA	Standi, John	CA DIST-Level 4	32780	8/1/2017	12/1/2017	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				
Lindbeck, Danny	Foothill Water Supply-San Dimas	Wert, Dale	CA DIST-Level 2	37143	7/1/2018	11/1/2018				
Lindstrom, Anthony	Los Osos CSA	Zimmer, Mark	CA DIST-Level 4	5839	11/1/2017	3/1/2018	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	7/1/2017	11/1/2017
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, Boris	Southwest-Spring Street	Orozco, Jarvis	CA DIST-Level 1	33595	6/1/2019	10/1/2019				
Lopez, James	Los Alamitos CSA	Ho-Sang, Jennifer	CA DIST-Level 2	17051	2/1/2017	6/1/2017				
Lopez, Paul	Simi Valley CSA	Rigg, Scoot	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	3/1/2017	7/1/2017				
Lopez, Saul	Culver City-Charnock	Pelayo, Victor	CA DIST-Level 2	37294	7/1/2017	11/1/2017	CA TRMT-Level 1	33506	4/1/2020	8/1/2020
Luongo, James	Ojai CSA	Zimmer, Mark	CA DIST-Level 5	6865	3/1/2017	7/1/2017	CA TRMT-Level 3	19931	2/1/2019	6/1/2019
Maldonado, Rudy	Southwest-Spring Street	Orozco, Jarvis	CA DIST-Level 2	26454	2/1/2017	6/1/2017	CA TRMT-Level 1	32757	9/1/2019	1/1/2020
Marquez, Anthony	Chadron Plant FO	Bancroft, Steven	CA DIST-Level 2	31354	8/1/2018	9/1/2018	CA TRMT-Level 2	30596	10/1/2017	2/1/2018
Marshall, Robert	Ojai CSA	Luongo, James	CA DIST-Level 1	47184	4/1/2019	8/1/2019	CA TRMT-Level 2	38742	4/1/2019	8/1/2019
Mataiusi, David	Blackburn Facility	Rivera, Albert	CA DIST-Level 1	46468	10/1/2018	2/1/2019				
Mathis, Richard	Central District	Scanlon, Patrick	CA DIST-Level 5	6469	12/1/2017	4/1/2018	CA TRMT-Level 5	17734	6/1/2019	10/1/2019
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
McAvoy, Robert	Morongo CSA	Pollack, Michael	CA DIST-Level 2	39798	7/1/2019	11/1/2019				
McCoy, Keith	Central District Office	Farah, Joe	CA DIST-Level 3	22987	6/1/2017	10/1/2017	CA TRMT-Level 2	17129	2/1/2019	6/1/2019
McKay, Scott	Orange County-Water Supply	Eikamp, David	CA DIST-Level 2	14250	2/2/2018	6/2/2018	CA TRMT-Level 3	25921	12/1/2017	4/1/2018
McKay, Travis	Central Basin East Field Ops	Rivera, Albert	CA DIST-Level 1	22991	11/1/2017	3/1/2018				
McNabb, Jeffrey	Central District Office	Miller, Lisa	CA DIST-Level 2	34470	10/1/2017	2/1/2018	CA TRMT-Level 2	29658	9/1/2017	1/1/2018
Mendoza, Antonio	Morongo Office	Pollack, Michael	CA DIST-Level 3	35870	6/1/2018	10/1/2018	CA TRMT-Level 2	36400	10/1/2017	2/1/2018
Mendoza, Armando	Bay Point CSA	Gonzalez, Tina	CA DIST-Level 2	47486	6/1/2019	10/1/2019				
Miller, Lisa	Central Basin	Pillai, Sunil					CA TRMT-Level 2	33507	3/1/2017	7/1/2017
Montoya, Anthony	Apple Valley CSA	Ramirez, Jesse	CA DIST-Level 2	43353	10/1/2018	2/1/2019	CA TRMT-Level 1	33929	9/1/2017	1/1/2018
Moore, Duane	Southwest-Spring Street	Orozco, Jarvis	CA DIST-Level 2	7139	4/1/2018	8/1/2018				
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				
Murphy, Terrance	Placentia Field Office	Webb, Delmus	CA DIST-Level 1	16933	6/1/2017	10/1/2017				
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	12/1/2017	4/1/2018	CA TRMT-Level 2	24965	9/1/2018	1/1/2019
Negreros, Adrianna	Southwest District CSA	Miller, Lisa	CA DIST-Level 2	7140	11/1/2017	3/1/2018	CA TRMT-Level 2	19525	8/1/2019	12/1/2019
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	2/1/2018	6/1/2018	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
Nutting, Katherine	Southwest District CSA	Scanlon, Patrick	CA DIST-Level 2	23727	6/1/2017	10/1/2017	CA TRMT-Level 2	25936	3/1/2019	7/1/2019
Oby, Thomas	Arden-Cordova-Coloma	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	Twilla, Sean	CA DIST-Level 3	39115	10/1/2017	2/1/2018	CA TRMT-Level 2	28791	3/1/2019	7/1/2019
Orozco, Jarvis	Central Basin East Field Ops	Nutting, Kate	CA DIST-Level 3	30978	7/1/2018	11/1/2018	CA TRMT-Level 1	34591	4/1/2018	8/1/2018
Ortega, Adam	Central Basin East	Rivera, Albert	CA DIST-Level 2	45522	6/1/2019	10/1/2019				
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, Vincent	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	15365	1/1/2018	5/1/2018				
Padilla, Miguel	Southwest-Spring Street	Villarreal, Ernesto	CA DIST-Level 1	22975	8/1/2019	12/1/2019				

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Pak, Chae Chin	Anaheim Hdqtrs	Combes, Adrian	CA DIST-Level 2	9400	2/1/2018	6/1/2018	CA TRMT-Level 2	30526	9/1/2017	1/1/2018
Panofsky (Meachum), Megan	Coastal District Office	Sinagra, Dane	CA DIST-Level 2	40780	11/1/2017	3/1/2018				
Pasalo, Alen	San Dimas office	Standi, John	CA DIST-Level 1	46846	1/1/2019	5/1/2019				
Pelayo, Victor	Central	Mathis, Richard	CA DIST-Level 4	9593	1/1/2018	5/1/2018	CA TRMT-Level 2	32771	3/1/2017	7/1/2017
Pelayo, Victor Manuel	Southwest District CSA	Cathcart, David	CA DIST-Level 1	32915	1/1/2019	5/1/2019				
Penrod, Keith	Foothill Water Supply-San Dimas	Standi, John	CA DIST-Level 4	7123	3/1/2017	7/1/2017	CA TRMT-Level 3	17727	12/1/2019	4/1/2020
Peral, Jesus	Southwest-Spring Street	Cathcart, David	CA DIST-Level 1	28496	8/1/2019	12/1/2019				
Pollack, Michael	Morongo Valley CSA	Dahlstrom, Perry	CA DIST-Level 3	15484	4/1/2020	8/1/2020	CA TRMT-Level 3	13950	2/1/2020	6/1/2020
Porter, Vincent	Apple Valley CSA	Ramirez, Jesse	CA DIST-Level 3	5562	4/1/2018	8/1/2018	CA TRMT-Level 3	12521	2/1/2017	6/1/2017
Porterfield, James	Wrightwood	Cowen, James	CA DIST-Level 3	29660	9/1/2017	1/1/2018	CA TRMT-Level 2	27468	1/2/2018	5/2/2018
Poti, Pua	Placentia Field Office	Webb, Delmus	CA DIST-Level 1	23438	6/1/2017	10/1/2017				
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 1	46416	8/1/2018	12/1/2018				
Quintanilla, Eliseo	Southwest-Spring Street	Cathcart, David	CA DIST-Level 5	22974	1/1/2019	6/1/2019	CA TRMT-Level 2	30822	3/1/2019	7/1/2019
Quinto, Carolyn	Culver City	Han, Hieu	CA DIST-Level 2	25527	3/1/2018	7/1/2018	CA TRMT-Level 2	26743	9/1/2017	1/1/2018
Rambaud, Thomas	Claremont CSA	Traffas, Tom	CA DIST-Level 4	5564	10/1/2019	2/1/2020	CA TRMT-Level 2	12237	12/1/2018	4/1/2019
Ramirez, Jesse	Barstow CSA	Dahlstrom, Perry	CA DIST-Level 5	2414	11/1/2019	3/1/2020	CA TRMT-Level 3	9735	11/1/2018	3/1/2019
Ramirez, Victor	Southwest-Water Supply	Bancroft, Steven	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
Reyes, Roberto	Southwest-Spring Street	Villarreal, Ernesto	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, Scoot	CA DIST-Level 5	6607	12/1/2018	4/1/2019	CA TRMT-Level 2	19106	2/1/2019	6/1/2019
Rinde, Bryan	Region I Headquarters	White, Dawn	CA DIST-Level 2	44179	5/1/2017	9/1/2017				
Ringer, James	Claremont CSA	Traffas, Tom	CA DIST-Level 3	5567	4/1/2018	8/1/2018	CA TRMT-Level 2	16539	7/1/2017	11/1/2017
Rippe, Gregory	Clearlake CSA	Ahart, Keith	CA DIST-Level 3	27273	10/1/2017	2/1/2018	CA TRMT-Level 3	26057	2/1/2018	6/1/2018
Rivas, Julia	Claremont CSA	Traffas, Tom	CA DIST-Level 2	33626	8/1/2018	12/1/2018	CA TRMT-Level 2	32397	9/1/2017	1/1/2018
Rivas, Louis	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	8442	1/1/2018	5/1/2018				
Rivera, Albert	Central Basin East CSA	Mathis, Richard	CA DIST-Level 5	5676	10/1/2017	2/1/2018	CA TRMT-Level 3	16051	8/1/2019	12/1/2019
Rivera, Armando	Calpatria CSA	Godsey, David	CA DIST-Level 2	41486	1/1/2017	5/1/2017	CA TRMT-Level 2	34666	2/1/2018	6/1/2018
Rivera, Jose	Los Alamitos Field Ops	Eikamp, David	CA DIST-Level 2	30175	9/1/2017	1/1/2018	CA TRMT-Level 1	27921	4/1/2018	8/1/2018
Rivera, William	Southwest District CSA	Orozco, Jarvis	CA DIST-Level 1	22977	12/1/2017	4/1/2018				
Robers, 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	Traffas, Tom	CA DIST-Level 1	24751	12/1/2017	4/1/2018				
Rodriguez, Fernando	Foothill District Office	Traffas, Tom	CA DIST-Level 1	47991	9/1/2019	1/1/2020	CA TRMT-Level 1	39063	9/1/2019	1/1/2020
Rodriguez, Jesse	Southwest-Spring Street	Cathcart, David	CA DIST-Level 2	38960	1/1/2019	5/1/2019	CA TRMT-Level 2	35416	9/1/2019	1/1/2020
Rodriguez, Michael	Southwest-Spring Street	Orozco, Jarvis	CA DIST-Level 2	43913	1/1/2020	5/1/2020				
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 3	38152	3/1/2018	7/1/2018	CA TRMT-Level 2	34598	9/1/2019	1/1/2020
Salcido, Joseph	San Dimas CSA	Zimmer, Mark	CA DIST-Level 4	23464	12/1/2017	4/1/2018	CA TRMT-Level 2	27373	10/1/2017	2/1/2018
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, Joshua	Bay Point CSA	Gonzalez, Tina	CA DIST-Level 2	43355	8/1/2019	12/1/2019				
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
Sawran, Mark	Santa Maria CSA	Babb, Mike	CA DIST-Level 2	28155	6/1/2019	10/1/2019	CA TRMT-Level 2	26150	6/1/2019	10/1/2019
Scanlon, Patrick	Anaheim Hdqtrs	Kruger, Denise	CA DIST-Level 3	2961	12/2/2017	4/2/2018	CA TRMT-Level 3	10901	11/1/2019	3/1/2020
Schubert, Paul	Northern District Office	Rowley, Paul	CA DIST-Level 2	8177	1/1/2017	3/1/2018	CA TRMT-Level 4	14931	8/1/2017	12/1/2017
Scott, Ryan	Simi Valley CSA	Rigg, Scoot	CA DIST-Level 1	42116	1/1/2018	3/1/2019				
Serate, Angela	Ojai CSA	Luongo, James	CA DIST-Level 2	37687	2/1/2019	6/1/2019	CA TRMT-Level 1	32662	9/1/2019	1/1/2020
Serna, Hector	Southwest	Orozco, Jarvis	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	Orozco, Jarvis	CA DIST-Level 3	43122	5/1/2019	9/1/2019	CA TRMT-Level 2	36999	9/1/2017	1/1/2018
Sheriff, James	Barstow CSA	Ramirez, Jesse	CA DIST-Level 2	36367	12/1/2016	4/1/2017				
Simmons, Dennis	Los Alamitos CSA	Ho-Sang, Jennifer	CA DIST-Level 1	24531	8/1/2018	12/1/2018				
Sinagra, Dane	Region 1 Headquarters	Gisler, Ernest	CA DIST-Level 2	36932	6/1/2018	10/1/2018	CA TRMT-Level 2	30284	9/1/2017	1/1/2018

Employee	Location	Supervisor	Distribution				Treatment			
			Certification Level	Certification Number	Renewal Date	Expiration Date	Certification Level	Certification Number	Renewal Date	Expiration Date
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	8/1/2017	12/1/2017				
Solo, Jose	Los Alamitos Field Ops	Brown, Steven	CA DIST-Level 2	14257	2/1/2018	6/1/2018				
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	12/1/2017	4/1/2018	CA TRMT-Level 3	32225	3/1/2019	7/1/2019
Stephens, David	Foothill Water Supply-San Dimas	Traffas, Tom	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	3/1/2017	7/1/2017
Stewart, Brian	Bay Point CSA	Gonzalez, Tina	CA DIST-Level 2	39322	1/1/2020	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	11/1/2017	3/1/2018	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	9/1/2017	1/1/2018				
Suarez, David	Placentia CSA	Webb, Delmus	CA DIST-Level 1	29345	2/1/2017	6/1/2017				
Suh, Johnny	Arden Cordova CSA	Twillia, 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	1/1/2018	5/1/2018
Tovar, Steven	Los Alamitos CSA	Brown, Steven	CA DIST-Level 1	47292	6/1/2019	10/1/2019				
Traffas, Tom	Claremont CSA	Lewis, Benjamin	CA DIST-Level 5	5583	8/1/2017	12/1/2017	CA TRMT-Level 3	12088	6/1/2018	10/1/2018
Trujillo, Manuel	Capital Programs	Farah, Joe	CA DIST-Level 3	5682	5/1/2018	9/1/2018	CA TRMT-Level 3	17705	10/1/2017	2/1/2018
Twillia, Sean	Region 1 Headquarters	Schubert, Paul	CA DIST-Level 4	30998	4/1/2019	8/1/2019	CA TRMT-Level 4	28287	7/1/2017	11/1/2017
Urban, Matej	Arden Cordova CSA	Anderson, Travis	CA DIST - Level 2	45203	7/1/2018	11/1/2018	CA TRMT-Level 2	36615	6/1/2017	10/1/2017
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	Twillia, Sean	CA DIST-Level 3	18610	1/1/2019	5/1/2019	CA TRMT-Level 1	28288	9/1/2018	1/1/2019
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	12/2/2017	4/2/2018				
Ventura, Conde	Southwest-Spring Street	Cervantes, Gaudencio	CA DIST-Level 4	33813	5/1/2017	9/1/2017	CA TRMT-Level 2	34086	9/1/2017	1/1/2018
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	3/1/2017	7/1/2017
Vornies, Kirby	Santa Maria CSA	Babb, Mike	CA DIST-Level 3	3672	2/1/2018	6/1/2018	CA TRMT-Level 2	12007	2/1/2017	6/1/2017
Wade, Wesley	San Dimas CSA	Standi, John	CA DIST-Level 1	23978	8/1/2018	12/1/2018				
Webb, Delmus	Los Alamitos CSA	Vecchiarelli, Ken	CA DIST-Level 5	4419	1/1/2018	5/1/2018	CA TRMT-Level 2	29676	8/1/2018	12/1/2018
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	3/1/2017	7/1/2017	CA TRMT-Level 2	26164	7/1/2019	11/1/2019
Wesselhoft, Kevin	Central Basin West CSA	Garten, Steven	CA DIST-Level 2	44378	7/1/2017	11/1/2017				
Whitaker, James	Apple Valley CSA	Dahlstrom, Perry	CA DIST-Level 2	27260	10/1/2018	2/1/2019	CA TRMT-Level 3	23603	9/1/2019	1/1/2020
Wise, William	Morongo Valley CSA	Pollack, Michael	CA DIST-Level 4	33059	7/1/2019	11/1/2019	CA TRMT-Level 2	28922	10/1/2018	2/1/2019
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	5/1/2017	9/1/2017
Zimmer, Mark	Los Osos CSA	Scanlon, Patrick	CA DIST-Level 4	23523	6/1/2017	10/1/2017	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 in Service	A-1	\$ 1,560,181,195	\$ 1,475,994,460
3	107	Utility Plant Adjustments			
4		Total Utility Plant		1,560,181,195	1,475,994,460
5	250	Reserve for Depreciation of Utility Plant	A-3	450,776,165	452,567,858
6	251	Reserve for amortization of limited term utility investments	A-3	28,332,418	26,603,401
7	252	Reserve for amortization of utility plant acquisition adjustment	A-3	-	-
8		Total utility plant reserves		479,108,583	479,171,259
9		Total utility plant less reserves (including Prop50)		1,081,072,612	996,823,201
10					
11		II. INVESTMENT AND FUND ACCOUNTS			
12	110	Other Physical Property	A-2	112,049,392	105,253,904
13	253	Reserve for depreciation and amortization of other property	A-3	42,951,604	40,866,943
14		Other physical property less reserve		69,097,788	64,386,961
15	111	Investments in Associated Companies	A-4	31,631	31,631
16	112	Other Investments	A-5	14,078,778	11,701,770
17	113	Sinking Funds	A-6	-	-
18	114	Miscellaneous Special Funds	A-7	-	-
19		Total investments and fund accounts		83,208,197	76,120,362
20					
21		III. CURRENT AND ACCRUED ASSETS			
22	120	Cash		178,905	2,267,577
23	121	Special Deposits	A-8	-	-
24	122	Working Funds		29,868	29,868
25	123	Temporary Cash Investments		-	-
26	124	Notes Receivable	A-9	-	-
27	125	Accounts Receivable including unbilled receivables		40,407,388	39,489,755
28	126	Receivables from Associated Companies	A-10	-	-
29	131	Materials and Supplies - Water Segment		2,795,459	4,009,470
30	131	Materials and Supplies -Electric Segment		928,792	850,847
31	132	Prepayments including prepaid taxes (current and non-current)	A-11	27,107,917	17,950,645
32	133	Other Current and Accrued Assets	A-12	-	46,295
33		Total Current and Accrued Assets		71,448,329	64,644,456
34					
35		IV. DEFERRED DEBITS			
36	140	Unamortized Debt Discount and Expense	A-13	4,270,746	4,640,551
37	141	Extraordinary Property Losses	A-14	-	-
38	142	Preliminary Survey and Investigation Charges		39,195	39,195
39	143	Clearing Accounts		126,586	43,296
40	145	Other Work in Progress		-	-
41	146	Other Deferred Debits	A-15	152,838,253	138,551,384
42		Total Deferred Debits		157,274,780	143,274,426
43		Total Assets and Other Debits		\$ 1,393,003,917	\$ 1,280,862,444

**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)
44		I. CORPORATE CAPITAL AND SURPLUS			
45	200	Common Capital Stock	A-18	\$ 240,481,591	\$ 238,795,023
46	201	Preferred Capital Stock	A-18	-	-
47	202	Stock liability for Conversion		-	-
48	203	Premiums and Assessments on Capital Stock	A-19	-	-
49	150	Discount on Capital Stock	A-16	()	()
50	151	Capital Stock Expense	A-17	()	()
51	270	Capital Surplus	A-20		
52	271	Earned Surplus	A-21	205,541,927	184,187,892
53		Total Corporate Capital and Surplus		446,023,518	422,982,915
54					
55		II. PROPRIETARY CAPITAL			
56	204	Proprietary Capital (Individual or Partnership)	A-22	-	-
57	205	Undistributed Profits of Proprietorship or Partnership	A-23	-	-
58		Total Proprietary Capital		-	-
59					
60		III. LONG-TERM DEBT			
61	210	Bonds	A-24	-	-
62	211	Receivers' Certificates		-	-
63	212	Advances from Associated Companies	A-25	-	-
64	213	Miscellaneous Long-term Debt	A-26	325,251,629	325,541,468
65		Total Long-term Debt		325,251,629	325,541,468
66					
67		IV. CURRENT AND ACCRUED LIABILITIES			
68	220	Notes Payable	A-28	329,539	311,658
69	221	Notes Receivable Discounted		-	-
70	222	Accounts Payable		34,989,704	39,739,536
71	223	Payables to Associated Companies	A-29	62,246,265	12,466,570
72	224	Dividends Declared		-	-
73	225	Matured Long-term Debt		-	-
74	226	Matured Interest		-	-
75	227	Customers' Deposits		1,145,660	1,210,924
76	228	Taxes Accrued (current and non-current)	A-31	9,157,566	8,225,446
77	229	Interest Accrued		3,588,231	3,598,967
78	230	Other Current and Accrued Liabilities	A-30	20,447,311	21,481,514
79		Total Current and Accrued Liabilities		131,904,277	87,034,616
80					
81		V. DEFERRED CREDITS			
82	240	Unamortized Premium on Debt	A-13	-	-
83	241	Advances for Construction - Water	A-32	72,008,138	70,189,323
84	241	Advances for Construction -Electric		1,044,448	1,065,513
85	242	Other Deferred Credits	A-33	62,050,256	54,412,458
86		Deferred income taxes and investment tax credits		229,326,692	197,269,837
87		Total Deferred Credits		364,429,534	322,937,131
88		VI. RESERVES			
89	254	Reserve for Uncollectible Accounts	A-34	760,764	919,318
90	255	Insurance Reserve (general liability and worker comp reserves)	A-34	4,116,064	3,636,845
91	256	Injuries and Damages Reserve	A-34	-	-
92	257	Employees' Provident Reserve	A-34	-	-
93	258	Other Reserves	A-34	-	-
94		Total Reserves		4,876,828	4,556,163
95					
96		VII. CONTRIBUTIONS IN AID OF CONSTRUCTION			
97	265	Contributions in Aid of Construction	A-35	109,010,952	108,299,235
98	266	Publicly funded grant plant-water (Prop 50 & ARRA-net)		10,886,252	8,921,739
99		Contributions in Aid of Construction- Electric		620,927	589,176
100		Total Liabilities and Other Credits		\$ 1,393,003,917	\$ 1,280,862,444

SCHEDULE B
Income Account 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	\$ 298,157,774
3				
4		Operating Revenue Deductions:		
5	502	Operating Expenses	B-2	147,411,755
6	503	Depreciation	A-3	33,041,529
7	504	Amortization of Limited-term Utility Investments	A-3	1,707,766
8	505	Amortization of Utility Plant Acquisition Adjustments	A-3	
9	506	Property Losses Chargeable to Operations	B-3	
10	507	Taxes	B-4	54,369,647
11		Total Operating Revenue Deductions		236,530,697
12		Net Operating Revenues		61,627,077
13	508	Income from Utility Plant Leased to Others		
14	510	Rent for Lease of Utility Plant		
15		Total Utility Operating Income		
16				
17		II. OTHER INCOME		
18	521	Income from Nonutility Operations (Net)	B-6	3,858,412
19	522	Revenue from Lease of Other Physical Property		
20	523	Dividend Revenues		
21	524	Interest Revenues		733,913
22	525	Revenues from Sinking and Other Funds		
23	526	Miscellaneous Nonoperating Revenues	B-7	2,614,134
24	527	Nonoperating Revenue Deductions - Dr.	B-8	1,286,541
25		Total Other Income		5,919,918
26		Net Income before Income Deductions		
27				
28		III. INCOME DEDUCTIONS		
29	530	Interest on Long-term Debt		19,494,151
30	531	Amortization of Debt Discount and Expense		401,563
31	532	Amortization of Premium on Debt - Cr.		
32	533	Taxes Assumed on Interest		
33	534	Interest on Debt to Associated Companies		542,356
34	535	Other Interest Charges	B-9	(8,530)
35	536	Interest Charged to Construction - Cr.		
36	537	Miscellaneous Amortization		
37	538	Miscellaneous Income Deductions	B-10	148,592
38		Total Income Deductions		20,578,132
39		Net Income		\$ 46,968,863
40				
41		IV. DISPOSITION OF NET INCOME		
42	540	Miscellaneous Reservations of Net Income		
43				
44		Balance transferred to Earned Surplus or		
45		Proprietary Accounts scheduled on page 21		

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)	\$ 1,424,436,899	\$ 120,564,031	\$ (34,069,450)	\$ 77,676	\$ 1,511,009,156
2	100.2	Utility Plant Leased to Others					
3	100.3	Construction Work in Progress	58,972,753	118,531,046		(120,916,568)	56,587,231
4	100.4	Utility Plant Held for Future Use (Sch A-1c)					
5	100.5	Utility Plant Acquisition Adjustments	(7,415,192)	-			(7,415,192)
6	100.6	Utility Plant in Process of Reclassification					
7		Total utility plant	\$ 1,475,994,460	\$ 239,095,077	\$ (34,069,450)	\$ (120,838,892)	\$ 1,560,181,195

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	\$ -	\$ -	\$ -	\$ 253,086
3	302	Franchises and Consents (Schedule A-1b)	152,295	-	-	-	152,295
4	303	Other Intangible Plant	34,424,973	1,445,475	(2,453)	-	35,867,995
5		Total Intangible Plant	34,830,354	1,445,475	(2,453)	-	36,273,376
6							
7		II. LANDED CAPITAL					
8	306	Land and Land Rights	15,148,605	33,023	(4,711)	77,675	15,254,592
9							
10		III. SOURCE OF SUPPLY PLANT					
11	311	Structures and Improvements	297,517	-	-	-	297,517
12	312	Collecting and Impounding Reservoirs	1,444,648	121,587	(29,258)	-	1,536,978
13	313	Lake, River and Other Intakes	6,159	-	-	-	6,159
14	314	Springs and Tunnels	-	-	-	-	-
15	315	Wells	58,756,016	396,247	(768,457)	-	58,383,807
16	316	Supply Mains	25,404,687	158,271	(3,582)	(13,706)	25,545,670
17	317	Other Source of Supply Plant	907,212	-	-	-	907,212
18		Total Source of Supply Plant	86,816,240	676,105	(801,297)	(13,706)	86,677,342
19							
20		IV. PUMPING PLANT					
21	321	Structures and Improvements	20,713,228	1,643,980	(196,946)	0	22,160,262
22	322	Boiler Plant Equipment	-	-	-	-	-
23	323	Other Power Production Equipment	-	-	-	-	-
24	324	Pumping Equipment	128,461,548	8,683,728	(2,883,062)	36,219	134,298,432
25	325	Other Pumping Plant	11,848,942	1,106,067	(55,355)	(6,938)	12,892,716
26		Total Pumping Plant	161,023,717	11,433,775	(3,135,363)	29,281	169,351,410
27							
28		V. WATER TREATMENT PLANT					
29	331	Structures and Improvements	16,280,396	900,728	(415,382)	-	16,765,742
30	332	Water Treatment Equipment	54,767,590	2,847,414	(590,323)	17,743	57,042,423
31		Total Water Treatment Plant	71,047,986	3,748,142	(1,005,705)	17,743	73,808,165

SCHEDULE A-1a

Account 100.1 - Utility Plant in Service (Continued)

Line No.	Acct	Title of Account (a)	Balance Beg of Year (b)	Additions During Year (c)	Retirements During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
VI. TRANSMISSION AND DIST. PLANT							
33	341	Structures and Improvements	1,303,748	141,799	(17,211)	-	1,428,336
34	342	Reservoirs and Tanks	64,466,108	5,864,829	(301,551)	-	70,029,386
35	343	Transmission and Distribution Mains	524,735,690	60,199,862	(1,574,430)	(19,548)	583,341,574
36	344	Fire Mains	5,512,856	2,078,805	(47,892)	4,194	7,547,963
37	345	Services	185,581,701	17,387,170	(3,367,794)	(19,176)	199,581,901
38	346	Meters	74,891,732	4,988,366	(18,473,163)	(123,687)	61,283,248
39	347	Meter Installations	-	-	-	-	-
40	348	Hydrants	73,937,339	6,979,214	(425,678)	134,590	80,625,465
41	349	Other Transmission and Distribution Plant	2,301,785	-	-	(0)	2,301,785
42		Total Transmission and Distribution Plant	932,730,959	97,640,045	(24,207,719)	(23,627)	1,006,139,658
VII. GENERAL PLANT							
45	371	Structures and Improvements	19,739,438	662,416	(16,288)	0	20,385,566
46	372	Office Furniture and Equipment	58,638,192	2,986,526	(3,543,111)	(0)	58,081,607
47	373	Transportation Equipment	12,933,071	1,104,599	(684,870)	75,552	13,428,351
48	374	Stores Equipment	-	-	-	-	-
49	375	Laboratory Equipment	45,137	0	(2,633)	-	42,504
50	376	Communication Equipment	1,252,680	56,445	(66,842)	(75,552)	1,166,731
51	377	Power Operated Equipment	5,531,188	406,734	(262,014)	-	5,675,908
52	378	Tools, Shop and Garage Equipment	4,572,239	203,151	(312,050)	(16,628)	4,446,712
53	379	Other General Plant	931,728	167,596	(24,395)	6,938	1,081,868
54		Total General Plant	103,643,673	5,587,467	(4,912,203)	(9,690)	104,309,247
VIII. UNDISTRIBUTED ITEMS							
57	390	Other Tangible Property	103,221	-	-	-	103,221
58	391	Utility Plant Purchased	19,092,143	-	-	-	19,092,143
59	392	Utility Plant Sold	-	-	-	-	-
60		Total Undistributed Items	19,195,364	-	-	-	19,195,364
61		Total Utility Plant in Service	\$ 1,424,436,899	\$ 120,564,031	\$ (34,069,450)	\$ 77,676	\$ 1,511,009,156

SCHEDULE A-1b

Account 302 - Franchises and Consents

Line No.	Name of Original Grantor (a)	Date of Grant (b)	Date of Acquisition by Utility (d)	Amount at which Carried in Account ¹ (e)
1	Total franchises	prior to 1995		\$ 152,295
2				
3				
4				
5	Total			\$ 152,295

¹ The total should agree with the balance at the end of the year in Account 302 in Schedule A-1a Line 10.

SCHEDULE A-1c
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 110 - Other Physical Property

Line No.	Name and Description of Property (a)	Book Value End of Year (b)
1	Arden Cordova	\$ 20,210
2	Barstow	87,904
3	Desert	560
4	Metropolitan	167,778
5	Orange County	63,819
6	Pomona Valley	11,040
7	San Dimas	266,781
8	San Gabriel	7,004
9	Santa Maria	6,331
10	Simi Valley	5,775
11	Wrightwood	164,984
12	Claremont	7,920
13	Bear Valley Electric	550
14	Rate base disallowance assets, net of depreciation reserves	7,957,734
15	Subtotal	\$ 8,768,389
16	State Water Project- other non-regulated	4,049,150
17	Electric utility plant (including CWIP)	99,231,852
18		
19	Total	\$ 112,049,392

**SCHEDULE A-1d
RATE BASE AND WORKING CASH**

Line No.	Acct.	Title of Account (a)	Balance 12/31/2016 (c)	Balance 1/1/2016 (d)
		RATE BASE		
1		Utility Plant		
2		Plant in Service	\$ 1,439,484,118	\$ 1,354,105,245
3		Construction Work in Progress	55,003,161	57,404,495
4		General Office Prorate	(6,602,890)	(6,602,890)
5		Total Gross Plant (=Line 2 + Line 3 + Line 4)	1,487,884,389	1,404,906,849
6		Less Accumulated Depreciation		
7		Plant in Service	442,527,914	445,655,477
8		General Office Prorate		
9		Total Accumulated Depreciation (=Line 7 + Line 8)	442,527,914	445,655,477
10		Less Other Reserves		
11		Deferred Income Taxes	178,085,703	154,292,117
12		Deferred Investment Tax Credit	1,531,517	1,604,081
13		Other Reserves	2,950,579	2,605,655
14		Total Other Reserves (=Line 11 + Line 12 + Line 13)	182,567,799	158,501,853
15		Less Adjustments		
16		Contributions in Aid of Construction	108,140,242	105,302,124
17		Advances for Construction	66,364,743	64,504,629
18		Other	-	-
19		Total Adjustments (=Line 16 + Line 17 + Line 18)	174,504,986	169,806,753
20		Add Materials and Supplies	2,812,514	4,026,524
21		Add Working Cash (=Line 34)	(662,165)	10,825,100
		Add General Office, Regions, District Office and CSA allocation	24,756,298	26,926,787
22		TOTAL RATE BASE FOR GSWC (WATER AND GO, exclude Electric)	\$ 715,190,337	\$ 672,721,177
23		(=Line 5 - Line 9 - Line 14 - Line 19 + Line 20 + Line 21)		
		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)	(662,165)	10,825,100
		* Electric power, gas or other fuel purchased for pumping and/or purchased commodity for resale billed after receipt (metered).		

SCHEDULE A-3
Accounts 250 to 253, Inclusive - Depreciation and Amortization Reserves

Line No.	Item (a)	Account 250	Account 251	Account 252	Account 253
		Utility Plant (b)	Limited-Term Utility Investments (c)	Utility Plant Acquisition Adjustments (d)	Other Property (e)
1	Balance in reserves at beginning of year	\$ 452,567,858	\$ 26,603,401	\$ -	\$ 40,866,943
2	Add: Credits to reserves during year				
3	(a) Charged to Account 503, 504, 505 ⁽¹⁾	33,169,775	1,707,765	-	2,027,177
4	(b) Charged to Account 265	3,261,321	28,416	-	9,523
5	(c) Charged to clearing accounts	1,531,544	-	-	135,371
6	(d) Salvage recovered	147,336	-	-	17,244
7	(e) All other credits ⁽²⁾	855,639	-	-	-
8	Total credits	38,965,615	1,736,181	-	2,189,314
9	Deduct: Debits to reserves during year				
10	(a) Book cost of property retired	34,033,031	7,164	-	65,915
11	(b) Cost of removal	5,868,637	-	-	38,740
12	(c) All other debits ⁽³⁾	855,640	-	-	-
13	Total debits	40,757,308	7,164	-	104,655
14	Balance in reserve at end of year	\$ 450,776,165	\$ 28,332,418	\$ -	\$ 42,951,603
15					
16	(1) COMPOSITE DEPRECIATION RATE USED FOR STRAIGHT LINE REMAINING LIFE:				2.9%
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-3a
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 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	\$ (107,027)	\$ (3,446)	\$ -	\$ -	\$ (110,473)
3	312	Collecting and Impounding Reservoirs	(300,927)	(147,781)	-	-	(448,708)
4	313	Lake, river and Other Intakes	(5,719)	(22)	-	-	(5,741)
5	314	Springs and Tunnels	-	-	-	-	-
6	315	Wells	(13,509,024)	(1,631,493)	768,457	526,182	(13,845,878)
7	316	Supply Mains	(6,159,796)	(675,270)	10,584	9,378	(6,815,104)
8	317	Other Source of Supply Plant	(821,153)	(17,285)	-	-	(838,438)
9		Total Source of Supply Plant	\$ (20,903,646)	\$ (2,475,297)	\$ 779,041	\$ 535,560	\$ (22,064,342)
10							
11		II. PUMPING PLANT					
12	321	Structures and Improvements	(4,844,878)	(595,939)	196,945	16,137	(5,227,735)
13	322	Boiler Plant Equipment	-	-	-	-	-
14	323	Other Power Production Equipment	-	-	-	-	-
15	324	Pumping Equipment	(43,237,071)	(4,399,603)	2,874,286	211,337	(44,551,051)
16	325	Other Pumping Plant	(3,533,022)	(483,461)	56,625	-	(3,959,858)
17		Total Pumping Plant	(51,614,971)	(5,479,003)	3,127,856	227,474	(53,738,644)
18							
19		III. WATER TREATMENT PLANT					
20	331	Structures and Improvements	(3,765,039)	(555,304)	415,382	28,928	(3,876,033)
21	332	Water Treatment Equipment	(22,809,679)	(1,933,320)	588,839	40,340	(24,113,820)
22		Total Water Treatment Plant	(26,574,718)	(2,488,624)	1,004,221	69,268	(27,989,853)
23							
24		IV. TRANS. AND DIST. PLANT					
25	341	Structures and Improvements	(224,326)	(55,797)	17,211	77	(262,835)
26	342	Reservoirs and Tanks	(15,843,423)	(988,033)	301,551	566,401	(15,963,504)
27	343	Transmission and Distribution Mains	(137,360,220)	(9,616,345)	1,574,065	1,408,319	(143,994,181)
28	344	Fire Mains	(279,430)	(133,694)	47,862	35,246	(330,016)
29	345	Services	(65,449,781)	(3,990,989)	3,371,401	2,728,501	(63,340,868)
30	346	Meters	(47,497,462)	(3,635,126)	18,482,617	(29,933)	(32,679,904)
31	347	Meter Installations	-	-	-	-	-
32	348	Hydrants	(19,962,488)	(1,569,865)	414,888	253,028	(20,864,437)
33	349	Other Transmission and Distribution Plant	(1,052,701)	(44,653)	-	-	(1,097,354)
34		Total Transmission and Distribution Plant	(287,669,831)	(20,034,502)	24,209,595	4,961,639	(278,533,099)
35							
36		V. GENERAL PLANT					
37	371	Structures and Improvements	(6,042,424)	(316,146)	16,288	-	(6,342,282)
38	372	Office Furniture and Equipment	(28,634,401)	(6,467,483)	3,543,111	1,312	(31,557,461)
39	373	Transportation Equipment	(10,663,031)	(208,948)	619,854	(72,372)	(10,324,497)
40	374	Stores Equipment	-	-	-	-	-
41	375	Laboratory Equipment	(39,192)	(314)	2,633	-	(36,873)
42	376	Communication Equipment	(1,174,428)	(3,920)	131,856	100	(1,046,392)
43	377	Power Operated Equipment	(4,627,422)	(57,680)	262,015	(1,680)	(4,424,767)
44	378	Tools, Shop and Garage Equipment	(3,399,253)	(244,424)	313,437	-	(3,330,240)
45	379	Other General Plant	(366,750)	(26,726)	23,125	-	(370,351)
46	390	Other Tangible Property	(96,155)	(621)	-	-	(96,776)
47	391	Water Plant Purchased	(10,761,636)	(158,952)	-	-	(10,920,588)
48		Total General Plant	(65,804,692)	(7,485,214)	4,912,319	(72,640)	(68,450,227)
49		Total	\$ (452,567,858)	\$ (37,962,640)	\$ 34,033,032	\$ 5,721,301	\$ (450,776,165)

SCHEDULE A-4
Account 111 - Investments in Associated Companies

Line No.	Class of Security (a)	Name of Issuing Company (b)	Par Value End of Year (c)	Ledger Value End of Year (d)	Rate of Interest (e)	Interest Accrued During Year (f)	Interest and Dividends Received During Year (g)
1	COMMON	West End Consolidated	\$ 18,833	\$ 18,833			
2		Covina Irrigating	\$ 12,798	\$ 12,798			
3							
4							
5							
6							
7		Total ¹	\$ 31,631	\$ 31,631			

¹ The total should agree with the balance at the end of the year in Account 111 on page 5.

SCHEDULE A-5
Account 112 - Other Investments

Line No.	Name and Description of Property (a)	Balance End of Year (b)
1	Funds Held in Trust	\$ 205,653
2	Investments- other (Trust)	11,995,405
3	Investments- other (COBank)	1,495,738
4	Cal cities	381,982
5		
6		
7		
8	Total	\$ 14,078,778

SCHEDULE A-6
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	Total					

SCHEDULE A-7
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-8
Account 121 - Special Deposits

Line No.	Name of Depository (a)	Purpose of Deposit (b)	Balance End of Year (c)
1	None		
2			
3			
4			
5			
6	Total		

SCHEDULE A-9
Account 124 - Notes Receivable

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

SCHEDULE A-10
Account 126 - Receivables from Associated Companies

Line No.	Due from Whom (a)	Amount (b)	Interest Rate (c)	Interest Accrued During Year (d)	Interest Received During Year (e)
1	None				
2					
3					
4					
5					
6					
7					
8					
9					
10	Total				

SCHEDULE A-11
Account 132 - Prepayments

Line No.	Item (a)	Amount (b)
1	Prepayment Insurance	\$ 193,436
2	Prepayment Water Rights and purchased power resale	732,368
3	Prepayment Maintenance Agreements	962,904
4	Prepayment State Water Project	158,424
5	Prepayment Lease	151,138
6	Prepayment MWDOC Connection Charges	225,329
7	Prepayment Director Fees	41,833
8	Prepayment Postage	17,155
9	Prepayment Tax Interest receivable	436,284
10	Prepayment, miscellaneous (WQA and others)	601,449
11	Prepayment, taxes (A-31)	23,587,597
12	Total	\$ 27,107,917

SCHEDULE A-12
Account 133 - Other Current and Accrued Assets

Line No.	Item (a)	Amount (b)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10	Total	\$ -

SCHEDULE A-13

Accounts 140 and 240 - Unamortized Debt Discount and Expense and Unamortized Premium on Debt

1. Report under separate subheadings for Unamortized Debt Discount and Expense and Unamortized Premium or Debt, particulars of discount and expense of premium applicable to each class and series of long-term debt.
2. Show premium amounts in red or by enclosure in parentheses.
3. In column (b) show the principal amount of bonds or other long-term debt originally issued.
4. In column (c) show the discount and expense or premium with respect to the amount of bonds or other long-term debt originally issued.
5. Furnish particulars regarding the treatment of unamortized debt discount and expense or premium, redemption premiums, and redemption expenses associated with issues redeemed during the year, also, date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.
6. Set out separately and identify undisposed amounts applicable to issues which were redeemed in prior years.
7. Explain any debits and credits other than amortization debited to Account 531, Amortization of Debt Discount and Expense, or credited to Account 532, Amortization of Premium on Debt-Credit.

Line No.	Designation of long-term debt (a)	Principal amount of securities to which discount and expense, or premium minus expense, relates (b)	Total discount and expense or 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	Note -6.87% due 2023	\$ -	\$ 107,400	10-22-93	10-23-23	\$ 28,211		\$ (3,602)	\$ 24,609
2	Note -7% due 2023	-	303,100	11-04-93	11-03-23	80,155		(10,125)	70,030
3	Note -6.81% due 2028	15,000,000	238,700	03-23-98	03-23-28	102,122		(8,336)	93,786
4	Note -6.59% due 2029	40,000,000	339,700	01-25-99	01-25-29	195,745		(14,961)	180,784
5	Note -7.875% due 2030	20,000,000	226,900	01-26-01	12-01-30	113,516		(7,568)	105,948
6	Note -7.23% due 2031	50,000,000	482,500	12-11-01	12-15-31	256,804		(16,050)	240,754
7	Note -9.56% due 2031	28,000,000	255,000	05-15-91	05-15-31	126,406		(8,199)	118,207
8	Note -6.00% due 2041	62,000,000	939,000	04-14-11	04-15-41	902,110		(35,610)	866,500
9	Note -7.55% due 2025	-	143,928	09-19-95	09-19-25	35,189		(3,609)	31,580
10	Note -3.45% due 2029	15,000,000	212,581	12-23-14	12-23-29	225,262		(16,090)	209,172
11	Tax - exempt Note -5.5% due 2026	7,730,000	639,400	12-05-96	12-01-26	218,989		(19,908)	199,081
12	Private Note - 5.87% due 2028	40,000,000	200,800	10-11-05	12-20-28	83,539		(6,469)	77,070
13	Private Note - 6.70% due 2019	40,000,000	249,955	03-10-09	03-10-19	79,542		(25,119)	54,423
15	2012 CPUC finance application					38,408		(20,028)	18,380
16	7.55% Debt Redem. Premium					100,699		0	100,699
17	7.65% Debt Redem. Premium					355,393		(14,029)	341,364
18	9.25% Debt Redem. Premium					30,317		(3,830)	26,487
19	10.03% Debt Redem. Premium					524,071		(64,172)	459,899
20	10.375% Debt Redem. Premium					62,219		(7,863)	54,356
21	10.10% Debt Redem. Premium					1,072,441		(83,565)	988,876
22	6.87% & 7% Debt Redem. Premium					9,413		(672)	8,741
		\$ 317,730,000	\$ 4,338,964	\$ -	\$ -	\$ 4,640,551	\$ -	\$ (369,805)	\$ 4,270,746

SCHEDULE A-14
Account 141 - Extraordinary Property Losses

Line No.	Description of Property Loss or Damage (a)	Total Amount of Loss (b)	Previously Written off (c)	WRITTEN OFF DURING YEAR		Balance End of year (f)
				Account Charged (d)	Amount (e)	
1	None					-
2						
3						
4	Total					-

SCHEDULE A-15
Account 146 - Other Deferred Debits

Line No.	Item (a)	Balance End of year (b)
1	See schedule attached (A-15)	\$ 152,838,253
2		
3		
4		
5		
6	Total	

SCHEDULE A-16
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 End of year (b)
1	None	-
2		
3	Total	-

SCHEDULE A-17
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 End of year (b)
1	None	-
2		
3	Total	-

**GOLDEN STATE WATER COMPANY
SCHEDULE A-15**

**Account No. 146- Other Deferred Debits
Year 2016**

<u>Rate Case Charges</u>	2016	2015
Water Deferred Rate Case Costs (2016-2018)	\$ 1,127,709	\$ 1,691,564
Electric Deferred Rate Case Costs	752,846	965,393
Subtotal	1,880,555	2,656,957
<u>Other Deferred Charges</u>		
Aerojet Litigation Memorandum Account	11,819,868	12,699,226
Water Supply Cost Balancing Accounts	93,518	48,766
Regulatory Asset for Flow through Taxes	20,134,097	16,176,070
Regulatory Asset- Pension , Post retirement and SERP	26,788,234	19,816,078
Water Conservation Memorandum Account	674,595	674,595
GRC memorandum accts	13,929,499	4,433,288
Low income Balancing Accounts	8,271,605	8,699,395
Santa Maria Adjudication memorandum Accounts	2,178,230	2,504,779
Regulatory Asset - Asset Retirement Obligation	3,507,346	3,216,809
Edison Settlement - Regulatory Asset	1,011,720	1,352,459
Regulatory Asset - WRAM and MCBA including unbilled and reserves	47,340,391	45,171,299
Bay Point Balancing Account	2,521,371	3,154,292
Regulatory Asset- Chadron Plant	1,400,000	1,400,000
Regulatory Asset - OSMA	195,131	194,108
CEMA Balancing Accounts	91,749	24,613
BRRBA Memo Account	1,376,706	3,714,019
Derivative	4,900,503	7,053,354
Santa Maria Stipulation Memo	237,132	460,957
Oracle Technical Support Memo	60,755	60,360
City of Torrance Memo	4,966	4,939
Los Osos Groundwater Memo and Balancing Accounts	601,622	718,642
Calipatria Revenue Retro	715	715
Pension Balancing Account	1,330,290	2,179,698
Renewable Portfolio Std. Memo	452,193	415,533
Solar Initiative and Energy Efficiency Regulatory Assets	604,200	589,200
ARRA	189,675	143,724
Other Regulatory Assets (Well Replacement Study, utility network, OCAMA)	1,086,981	404,841
Tax Interest Receivable	62,793	499,077
Security Deposit	91,815	83,591
Subtotal	150,957,698	135,894,427
Total Other Deferred Debits	\$ 152,838,253	\$ 138,551,384

SCHEDULE A-18
Accounts 200 and 201- 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)	Total Par Value ² Outstanding End of Year (e)	Dividends Declared During Year	
						Rate (f)	Amount (g)
1	Common			146	\$ 218,490,981		\$ 25,450,000
2	Director Plan				5,336,841		
3	Compensation on stock based awards				10,236,405		
4	Tax benefits from employee stock-based awards				6,417,364		
5							
6	Total				\$ 240,481,591		\$ 25,450,000

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

² If shares of stock have no par value, show value assigned to stock outstanding.

SCHEDULE A-18a
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-19
Account 203 - Premiums and Assessments on Capital Stock

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

SCHEDULE A-20
Account 270 - Capital Surplus (For use by Corporations only)

Line No.	Item (a)	Amount (b)
1	Balance beginning of year	\$ -
2	CREDITS (Give nature of each credit and state account charged)	
3		
4		
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-21
Account 271 - Earned Surplus (For use by Corporations only)

Line No.	Acct	Account (a)	Amount (b)
1		Balance beginning of year	\$ 184,187,892
2		CREDITS	
3	400	Credit balance transferred from income account	46,968,863
4	401	Miscellaneous credits to surplus (specify)	
5			
6		Total credits	46,968,863
7		DEBITS	
8	410	Debit balance transferred from income account	
9	411	Dividend appropriations-preferred stock	
10	412	Dividend appropriations-Common stock	25,450,000
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	164,828
14		Total debits	25,614,828
15		Balance end of year	\$ 205,541,927

SCHEDULE A-22
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-23
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-24
Account 210 - Bonds

Line No.	Class of Bond (a)	Date of Issue (b)	Date of Maturity (c)	Principal Amount Authorized (d)	Outstanding ¹ per Balance Sheet (e)	Rate of Interest (f)	Sinking Fund Added in Current Year (g)	Cost of Issuance (h)	Interest Accrued During Year (i)	Interest Paid During Year (j)
1										
2										
3										
4										
5										
6										
7					N/A					
8	Total									

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

SCHEDULE A-24 (a)
CLASS A WATER COMPANIES
SAFE DRINKING WATER BOND ACT DATA

Please provide the following information relating to each Safe Drinking Water Bond Act (SDWBA) loan outstanding during the 12-month reporting period. (Use one sheet for each loan.)

1. Current Fiscal Agent:
 Name: California Department of Public Health
 Address: 1616 Capital Avenues MS 7408
 Phone Number: 916-449-5600
 Date Hired: 2009
2. Total surcharge billed to customers during the 12 month reporting period: \$ 303,651
3. Summary of the trust bank account activities showing:
- | | | |
|-----------------------------------|----|-----------|
| Balance at beginning of year | \$ | 174,004 |
| Deposits during the year | | 347,956 |
| Interest earned for calendar year | | 17 |
| Withdrawals from this account | | (316,324) |
| Balance at end of year | \$ | 205,653 |
4. Account information:
 Bank Name: Wells Fargo
 Account Number: 4121-992507 (Disbursement); 82317300 (Debt Reserve Fund)
 Date Opened: 2009 for disbursement
5. Plant amounts included in Schedule A-1a, Account No. 101 -- Water Plant in Service which were funded using SDWBA funds:

Line No.	Acct. No.	Title of Account (a)	Balance Beginning of Year (b)	Plant Additions During Year (c)	Plant Retirements During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
1		NON-DEPRECIABLE PLANT					
2	301	Intangible plant					
3	303	Land					
4		Total non-depreciable plant					
5		DEPRECIABLE PLANT					
6	304	Structures					
7	307	Wells					
8	311	Pumping equipment					
9	317	Other water source plant					
10	320	Water treatment plant					
11	330	Reservoirs, tanks and sandpipes					
12	331	Water mains					
13	333	Services and meter installations (1)	\$ 8,638,321				\$ 8,638,321
14	334	Meters					
15	335	Hydrants					
16	339	Other equipment					
17	340	Office furniture and equipment					
18	341	Transportation equipment					
19		Total depreciable plant					
20		Total water plant in service	\$ 8,638,321				\$ 8,638,321

(1) -\$4,319,156.07 in ARRA funds was received thru. 12/31/2016, of which \$1,391,183 has been amortized.

SCHEDULE A-24 (a)
CLASS A WATER COMPANIES
SAFE DRINKING WATER BOND ACT DATA

Please provide the following information relating to each Safe Drinking Water Bond Act (SDWBA) loan outstanding during the 12-month reporting period. (Use one sheet for each loan.)

1. Current Fiscal Agent:
 Name: California Department of Public Health
 Address: 1616 Capital Avenues MS 7408
 Phone Number: 916-449-5600
 Date Hired: 2010
2. Total surcharge collected from customers during the 12 month reporting period: \$ _____ N/A
3. Summary of the trust bank account activities showing:
- | | | |
|-----------------------------------|----|---|
| Balance at beginning of year | \$ | - |
| Deposits during the year | | - |
| Interest earned for calendar year | | - |
| Withdrawals from this account | | - |
| Balance at end of year | \$ | - |
4. Account information:
 Bank Name: Wells Fargo
 Account Number: 4121-992507
 Date Opened: 2009
5. Plant amounts included in Schedule A-1a, Account No. 101 -- Water Plant in Service which were funded using SDWBA funds:

Line No.	Acct. No.	Title of Account (a)	Balance Beginning of Year (b)	Plant Additions During Year (c)	Plant Retirements During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
1		NON-DEPRECIABLE PLANT					
2	301	Intangible plant	\$ 111,632				\$ 111,632
3	303	Land					
4		Total non-depreciable plant	\$ 111,632				\$ 111,632
5		DEPRECIABLE PLANT					
6	304	Structures	1,473,278				1,473,278
7	307	Wells	4,237,920	1,874,684			6,112,604
8	311	Pumping equipment	2,238,387				2,238,387
9	317	Other water source plant	-				-
10	320	Water treatment plant (EQUIPMENT)	807,980	11,363			819,343
11	330	Reservoirs, tanks and sandpipes	60,200				60,200
12	331	Water mains	-				-
13	333	Services and meter installations (1)					-
14	334	Meters					-
15	335	Hydrants					-
16	339	Other equipment					-
17	340	Office furniture and equipment					-
18	341	Transportation equipment					-
19		Total depreciable plant	8,817,765	1,886,047	-	-	10,703,812
20		Total water plant in service **	\$ 8,929,397	\$ 1,886,047	\$ -	\$ -	\$ 10,815,444

Note **: Total amounts funded through Prop 50 total \$ 7.5 million through 2016.

**SCHEDULE A-24 (a)
CLASS A WATER COMPANIES
SAFE DRINKING WATER BOND ACT DATA**

Please provide the following information relating to each Safe Drinking Water Bond Act (SDWBA) loan outstanding during the 12-month reporting period. (Use one sheet for each loan.)

1. Current Fiscal Agent:
- | | |
|---------------|-------------------------------------|
| Name: | <u>First 5 LA</u> |
| Address: | <u>750 N. Alameda St, Suite 300</u> |
| Phone Number: | <u>213-482-5902</u> |
| Date Hired: | <u>2011</u> |
- ***
- | | |
|---------------|--|
| Name: | <u>First 5 LA- Sacramento</u> |
| Address: | <u>2750 Gateway Oaks Drive, Suite 330 Sacramento, CA 95833</u> |
| Phone Number: | <u>916-876-6529</u> |
| Date Hired: | <u>2013</u> |
2. Total surcharge collected from customers during the 12 month reporting period: \$ _____ N/A, Grant, not a loan
3. Summary of the trust bank account activities showing:
- | | | |
|-----------------------------------|----------|---|
| Balance at beginning of year | \$ _____ | - |
| Deposits during the year | _____ | - |
| Interest earned for calendar year | _____ | - |
| Withdrawals from this account | _____ | - |
| Balance at end of year | \$ _____ | - |
4. Account information:
- | | |
|-----------------|--------------------|
| Bank Name: | <u>Wells Fargo</u> |
| Account Number: | <u>4121-992507</u> |
| Date Opened: | <u>2009</u> |
5. Plant amounts included in Schedule A-1a, Account No. 101 – Water Plant in Service which were funded using SDWBA funds:

Line No.	Acct. No.	Title of Account (a)	Balance Beginning of Year (b)	Plant Additions During Year (c)	Plant Retirements During Year (d)	Other Debits or (Credits) (e)	Balance End of Year (f)
1		NON-DEPRECIABLE PLANT					
2	301	Intangible plant	\$ 71,757				\$ 71,757
3	303	Land					
4		Total non-depreciable plant	\$ 71,757				\$ 71,757
5		DEPRECIABLE PLANT					
6	304	Structures					-
7	307	Wells					-
8	311	Pumping equipment					-
9	317	Other water source plant					-
10	320	Water treatment plant (EQUIPMENT)	4,573,479				4,573,479
11	330	Reservoirs, tanks and sandpipes					-
12	331	Water mains					-
13	333	Services and meter installations (1)					-
14	334	Meters					-
15	335	Hydrants					-
16	339	Other equipment					-
17	340	Office furniture and equipment					-
18	341	Transportation equipment					-
19		Total depreciable plant	4,573,479	-	-	-	4,573,479
20		Total water plant in service	\$ 4,645,236	\$ -	\$ -	\$ -	\$ 4,645,236

SCHEDULE A-25
Account 212 - Advances from Associated Companies

Line No.	Nature of Obligation (a)	Amount of Obligation (b)	Rate of Interest (c)	Interest Accrued During Year (d)	Interest Paid During Year (e)
1	None				
2					
3					
4					
5	Total				

SCHEDULE A-26
Account 213 - Miscellaneous Long Term Debt

Line No.	Nature of Obligation (a)	Date of Issue (b)	Date of Maturity (c)	Principal Amount Authorized (d)	Outstanding ¹ Per Balance Sheet (e)	Rate of Interest (f)	Interest Accrued During Year (g)	Interest Paid During Year (h)
1	6.81% notes due 2028	03-23-98	03-23-28		\$15,000,000		\$1,021,500	\$1,021,500
2	6.59% notes due 2029	01-25-99	01-25-29		40,000,000		2,636,000	2,636,000
3	7.875% notes due 2030	01-26-01	12-01-30		20,000,000		1,575,000	1,575,000
4	7.23% notes due 2031	12-11-01	12-15-31		50,000,000		3,615,000	3,615,000
5	6.00% notes due 2041	04-14-11	04-15-41		62,000,000		3,720,000	3,720,000
6	3.45% notes due 2029	12-23-14	12-23-29		15,000,000		517,500	517,500
7	9.56% notes due 2031	05-15-91	05-15-31		28,000,000		2,676,800	2,676,800
8	5.87% notes due 2028	10-11-05	12-20-28		40,000,000		2,348,000	2,350,144
9	6.70% notes due 2019	03-10-09	03-10-19		40,000,000		2,680,000	2,682,447
10	5.5% notes due 2026	12-05-96	12-01-26		7,730,000		425,150	425,150
11	State Water Project due 2035	06-01-94	12-01-35		3,901,706			188,596
12	Variable Rate Obligation due 2018	04-07-98	06-24-18		53,543			1,852
13	American Recovery and Reinvestment Act	05-31-11	03-01-33		3,895,919		171,943	178,471
14	Variable Rate Obligation due 2014	11-01-84	11-01-14					
15	6.87% notes due 2023	10-22-93	10-23-23					
	7.00% notes due 2023	11-04-93	11-03-23					
	Less current maturities				(329,539)			
8	Total				\$325,251,629		\$21,386,893	\$21,588,460

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

SCHEDULE A-27
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-28
Account 220 - Notes Payable

Line No.	In Favor of (a)	Date of Issue (b)	Date of Maturity (c)	Balance End of Year (d)	Rate of Interest (e)	Interest Accrued During Year (f)	Interest Paid During Year (g)
1	Current portion of long term debt			\$ 329,539			
2							
3							
4							
5							
6							
7	Total			\$ 329,539			

SCHEDULE A-29
Account 223 - Payables to Associated Companies

Line No.	Nature of Obligation (a)	Balance End of Year (b)	Rate of Interest (c)	Interest Accrued During Year (d)	Interest Paid During Year (e)
1	American State Water Company	\$ 62,246,265			
2					
3					
4					
5					
6					
7	Total	\$ 62,246,265			

SCHEDULE A-30
Account 230 - Other Current and Accrued Liabilities

Line No.	Description (a)	Balance End of Year (b)
1	Vacation Accrual Liability	\$ 6,992,029
2	Utility Tax Collected	1,632,013
3	CPUC Reimburse Fees including R&D, Renewable (Water and Electric)	1,133,832
4	Deferred Revenue	552,273
5	Short Term Incentive Program including estimated income taxes	2,170,156
6	PCA Wage Accruals	1,834,461
7	Department of Health System Fees Accrual	325,741
8	Derivative	4,900,503
9	Others	906,304
10		
11		
12		
13		
14		
15	Total	\$ 20,447,311
16		

SCHEDULE A-31
Account 228 - Accrued and Prepaid Taxes

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 32, for a distribution of taxes charged, column (d) 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 (account 228) (b)	Prepaid Taxes (incl. in Acct. 132) (c)				Taxes Accrued (Account 228) (g)	Prepaid Taxes (Incl. in Acct. 132) (h)
1	Taxes on real and personal property	\$ 401,635	\$ 1,518	\$ 8,971,241	\$ (9,205,581)	\$ -	\$ 165,777	\$ -
2	State corporation tax		5,583,418	(3,625,381)	6,109,593	114,440		8,182,070
3	Payroll taxes	168,367		4,025,232	(3,906,333)		287,265	
4	Franchise taxes only	3,781,658		3,425,135	(3,750,606)		3,456,187	
5	Federal income tax-current		9,574,249	3,117,580	2,327,603	386,095		15,405,527
6	Groundwater assessments(pump taxes)	3,873,787		13,772,394	(12,397,844)		5,248,337	
7								
8								
9								
10	Total	\$ 8,225,446	15,159,185	29,686,201	(20,823,168)	500,535	\$ 9,157,566	\$ 23,587,597

SCHEDULE A-32
Account 241 - Advances for Construction

Line No.	Description (a)	Amount (b)	Amount (c)
1	Balance beginning of year		\$ 71,254,836
2	Additions during year	4,740,028	
3	Subtotal - Beginning balance plus additions during year		75,994,864
4	Charges during year		
5	Refunds		
6	Percentage of revenue basis		
7	Proportionate cost basis	(3,072,263)	
8	Present worth basis		
9	Total refunds		(3,072,263)
10	Transfers to Acct 265 - Contributions in Aid of Construction		
11	Due to expiration of contracts		
12	Due to present worth discount		
13	Total transfers to Acct. 265	129,985	
14	Securities Exchanged for Contracts (enter detail below)		
15	Subtotal - Charges during year		129,985
16	Balance end of year		\$ 73,052,586

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-33
Account 242 - Other Deferred Credits

Line No.	Item (a)	Balance End of Year (b)
1	Accrued Pension, SERP and VEBA	\$ 48,538,912
2	Accrued Settlement -Edison	1,011,720
3	Asset Retirement Obligations	4,393,274
4	Deferred Rent	303,566
5	Various Refunds to Customers	1,247,766
6	Environmental Remediation	1,400,000
7	Electric Supply Cost Balancing Accounts *	5,155,018
8		
9		
10	Total	\$ 62,050,256

SCHEDULE A-34
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	Customer receivable reserves	\$ 790,189	Write-off	\$ 785,075	Bad debt expenses	\$ 556,286	\$ 561,400
2							
3	Other account receivable reserves	129,129	Write-off		Bad debt expenses	70,235	199,364
4							
5	General liability reserves	519,859	payment	607,220	expenses accrual	500,340	412,979
6							
7	Worker comp reserves	3,116,986	payment	613,313	expenses accrual	1,199,412	3,703,085
8	Total	\$ 4,556,163		\$ 2,005,608		\$ 2,326,273	\$ 4,876,828

SCHEDULE A-35
Account 265 - Contributions in Aid of Construction

Instructions for Preparation of Schedule of Contributions in Aid of Construction:

¹ The credit balance in the account other than that portion of the balance relating to nondepreciable property (column d), to property retired prior to January 1, 1995 (column e), and to the estimated amount of depreciation accrued to January 1, 1955 (column f), shall be written off through charges to this account and credits to Account 250 - Reserve for Depreciation of Utility Plant over a period equal to the estimated service life of the property involved. Upon retirement of depreciable property for which a depreciation reserve has been created through charges to this account, the cost thereof shall be credited to the appropriate plant account and concurrently charged to Account 250. If the property is retired prior to the service life originally estimated, the balance in this account with respect to the retired property shall be transferred to the depreciation reserve account.

² That portion of the balance applicable to nondepreciable property shall remain unchanged until the property is sold or otherwise retired. Upon retirement, the cost of such nondepreciable property acquired by donation or through use of donated funds shall be credited to the appropriate plant account and charged to this account to clear the credit balance carried herein.

³ That portion of the balance representing donations on property retired prior to January 1, 1955 (column e), and the amount of depreciation accrued to January 1, 1955, on property in service (column f), shall not be transferred from this account or otherwise disposed of without first receiving written authorization from the Commission.

Line No.	Item (a)	Total All Columns (b)	Subject to Amortization		Not Subject to Amortization	
			Property in Service After Dec. 31, 1954		Property Retired Before Jan. 1, 1955 (e)	Depreciation Accrued through Dec. 31, 1954 on Property in Service at Dec. 31, 1954 (f)
			Depreciable (c)	Non-Depreciable (d)		
1	Balance beginning of year	\$ 117,810,150	\$ 116,969,490	\$ 840,660		
2	Add: Credits to account during year					
3	Contributions received during year	5,689,333	5,689,333			
4	Other credits (installed by developers and conveyed)	926,551	926,551			
5	Total credits	6,615,884	6,615,884			
6	Deduct: Debits to account during year					
7	Depreciation charges for year	3,299,254	3,299,254			
8	Nondepreciable donated property retired	0				
9	Other debits (deferred revenues, state water project ar	608,649	608,649			
10	Total debits	3,907,903	3,907,903			
11	Balance end of year *	\$ 120,518,131	\$ 119,677,471	\$ 840,660		

* Balance including ARRA and Prop 50

**SCHEDULE B-1
Account 501 - Operating Revenues**

Line No.	Acct.	ACCOUNT (a)	Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
1		I. WATER SERVICE REVENUES	(1) & (3)	(1) & (2)	
2	601	Metered sales to general customers			
3		601.1 Commercial sales	\$ 268,224,119	\$ 294,787,337	\$ (26,563,218)
4		601.2 Industrial sales	2,661,212	2,629,737	31,475
5		601.3 Sales to public authorities	12,778,490	12,224,084	554,406
6		Sub-total	283,663,821	309,641,158	(25,977,337)
7	602	Unmetered sales to general customers			-
8		602.1 Commercial sales	1,539,542	2,179,747	(640,205)
9		602.2 Industrial sales			-
10		602.3 Sales to public authorities			-
11		Sub-total	1,539,542	2,179,747	(640,205)
12	603	Sales to irrigation customers			-
13		603.1 Metered sales	7,911,918	7,191,462	720,456
14		603.2 Unmetered sales			-
15		Sub-total	7,911,918	7,191,462	720,456
16	604	Private fire protection service	1,717,314	1,685,991	31,323
17	605	Public fire protection service	-	-	-
18	606	Sales to other water utilities for resale	110,423	113,136	(2,713)
19	607	Sales to governmental agencies by contracts	2,320,795	2,371,866	(51,071)
20	608	Interdepartmental sales			-
21	609	Other sales or service	(166,062)	(588,064)	422,002
22		Sub-total	3,982,470	3,582,929	399,541
23		Total water service revenues	297,097,751	322,595,296	(25,497,545)
24		II. OTHER WATER REVENUES			-
25	611	Miscellaneous service revenues	1,289,120	704,868	584,252
26	612	Rent from water property	12,513	33,284	(20,771)
27	613	Interdepartmental rents			-
28	614	Other water revenues	(241,610)	444,927	(686,537)
29		Total other water revenues	1,060,023	1,183,079	(123,056)
30	501	Total operating revenues	\$ 298,157,774	\$ 323,778,375	\$ (25,620,601)

(1) Amount excludes \$1.4 million of 2015 WRAM under-collection, which is estimated to not be collected within 24 months as required for revenue recognition under the accounting guidance for alternative revenue programs. As a result, for 2015, GSWC did not record \$1.4 million of the 2015 WRAM under-collection balance as revenue nor as a regulatory asset. However, this amount was included in GSWC's February 2016 filing to the CPUC for recovery. During 2016, GSWC recognized approximately \$910,000 of the 1.4 million as water revenues.

(2) Amount includes 3 months of Rural customers billed water revenues in 2015, Rural acquisition was completed Oct 14, 2015.

(3) On December 15, 2016, the CPUC issued a final decision on GSWC's water general rate case. GSWC filed a general rate case application in July 2014 for all of its water ratemaking areas and the general office to determine new rates for the years 2016 - 2018. The new rates approved by the CPUC were retroactive to January 1, 2016. Due to the delay in approving the general rate case, year-to-date 2016 billed revenues were based on 2015 adopted rates established in the prior rate case. As authorized by the CPUC, GSWC tracked the rate difference between interim rates and final rates authorized by the CPUC in December, retroactive to January 1, 2016. As a result, GSWC's has a retroactive rate receivable of \$9.5 million as of 12/31/2016. Surcharges will be implemented later in 2017 to recover the retroactive rate difference.

**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		
33		
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		

¹ Should be segregated to operating districts.

SCHEDULE B-2

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

Respondent should use the group of accounts applicable to its class

Line No.	Acct.	Account (a)	Class			Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
			A	B	C			
1		I. SOURCE OF SUPPLY EXPENSE						
2		Operation						
3	701	Operation supervision and engineering	A	B		\$ 203,609	\$ 201,843	\$ 1,766
4	701	Operation supervision, labor and expenses			C			
5	702	Operation labor and expenses	A	B		250,033	274,836	(24,803)
6	703	Miscellaneous expenses	A			85,715	88,497	(2,782)
7	704	Purchased water	A	B	C	49,609,313	66,332,858	(16,723,545)
8		Maintenance						
9	706	Maintenance supervision and engineering	A	B		39,882	45,212	(5,330)
10	706	Maintenance of structures and facilities			C			
11	707	Maintenance of structures and improvements	A	B		56,921	85,814	(28,893)
12	708	Maintenance of collect and impound reservoirs	A			216,346	94,919	121,427
13	708	Maintenance of source of supply facilities		B				
14	709	Maintenance of lake, river and other intakes	A			26,854	10,922	15,932
15	710	Maintenance of springs and tunnels	A					
16	711	Maintenance of wells	A			462,511	463,752	(1,241)
17	712	Maintenance of supply mains	A			57,312	37,426	19,886
18	713	Maintenance of other source of supply plant	A	B		11,197	6,453	4,744
19		Total source of supply expense				51,019,693	67,642,532	(16,622,839)
20		II. PUMPING EXPENSES						
21		Operation						
22	721	Operation supervision and engineering	A	B		163,556	163,341	215
23	721	Operation supervision labor and expense			C	-	-	-
24	722	Power production labor and expense	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		1,974,363	1,856,169	118,194
28	725	Miscellaneous expenses	A			539,276	511,153	28,123
29	726	Fuel or power purchased for pumping	A	B	C	8,662,971	8,988,413	(325,442)
30		Maintenance						
31	729	Maintenance supervision and engineering	A	B		33,348	28,899	4,449
32	729	Maintenance of structures and equipment			C			
33	730	Maintenance of structures and improvements	A	B		129,540	342,590	(213,050)
34	731	Maintenance of power production equipment	A	B				
35	732	Maintenance of pumping equipment	A	B		2,300,732	2,191,892	108,840
36	733	Maintenance of other pumping plant	A	B				
37		Total pumping expenses				\$ 13,803,786	\$ 14,082,457	\$ (278,671)

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

		Class			Amount	Amount	Net Change	
					Current	Preceding	During Year	
Line	Account				Year	Year	Show Decrease	
No.	Acct.	(a)	A	B	C	(b)	(c)	in (Parenthesis)
					(b)	(c)	(d)	
38		III. WATER TREATMENT EXPENSES						
39		Operation						
40	741	Operation supervision and engineering	A	B		\$ 144,506	\$ 153,262	\$ (8,756)
41	741	Operation supervision, labor and expenses			C			
42	742	Operation labor and expenses	A			1,857,802	2,134,481	(276,679)
43	743	Miscellaneous expenses	A	B		787,361	409,855	377,506
44	744	Chemicals and filtering materials	A	B		2,111,341	1,717,499	393,842
45		Maintenance						
46	746	Maintenance supervision and engineering	A	B		49,351	58,256	(8,905)
47	746	Maintenance of structures and equipment			C			
48	747	Maintenance of structures and improvements	A	B		257,783	285,825	(28,042)
49	748	Maintenance of water treatment equipment	A	B		1,135,536	1,164,084	(28,548)
50		Total water treatment expenses				6,343,680	5,923,262	420,418
51		IV. TRANS. AND DIST. EXPENSES						
52		Operation						
53	751	Operation supervision and engineering	A	B		412,814	454,546	(41,732)
54	751	Operation supervision, labor and expenses			C			
55	752	Storage facilities expenses	A			25,987	18,102	7,885
56	752	Operation labor and expenses		B				
57	753	Transmission and distribution lines expenses	A			690,826	993,646	(302,820)
58	754	Meter expenses	A			1,023,104	993,944	29,160
59	755	Customer installations expenses	A			411,562	405,428	6,134
60	756	Miscellaneous expenses	A			2,244,063	2,094,745	149,318
61		Maintenance						
62	758	Maintenance supervision and engineering	A	B		334,690	345,279	(10,589)
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		132,538	203,819	(71,281)
66	761	Maintenance of trans. and distribution mains	A			4,564,286	4,128,081	436,205
67	761	Maintenance of mains		B				
68	762	Maintenance of fire mains	A					
69	763	Maintenance of services	A			2,094,417	1,959,205	135,212
70	763	Maintenance of other trans. and distribution plant		B				
71	764	Maintenance of meters	A			875,786	1,147,180	(271,394)
72	765	Maintenance of hydrants	A			805,215	981,281	(176,066)
73	766	Maintenance of miscellaneous plant	A					
74		Total transmission and distribution expenses				\$ 13,615,288	\$ 13,725,256	\$ (109,968)

SCHEDULE B-2

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

Respondent should use the group of accounts applicable to its class

Line No.	Acct.	Account (a)	Class			Amount Current Year (b)	Amount Preceding Year (c)	Net Change During Year Show Decrease in (Parenthesis) (d)
			A	B	C			
75		V. CUSTOMER ACCOUNT EXPENSES						
76		Operation						
77	790	Transferred customer expenses			\$ (202,595)	\$ (267,133)	\$ 64,538	
78	771	Supervision	A	B	636,123	559,994	76,129	
79	771	Superv., meter read., other customer acct expenses						
80	772	Meter reading expenses	A	B	1,529,813	1,534,896	(5,083)	
81	773	Customer records and collection expenses	A		4,195,476	4,334,067	(138,591)	
82	773	Customer records and accounts expenses		B				
83	774	Miscellaneous customer accounts expenses	A		1,182,079	1,032,702	149,377	
84	775	Uncollectible accounts	A	B	C	523,765	724,196	(200,431)
85		Total customer account expenses			7,864,661	7,918,722	(54,061)	
86		VI. SALES EXPENSES						
87		Operation						
88	781	Supervision	A	B				
89	781	Sales expenses						
90	782	Demonstrating and selling expenses	A		595,195	1,289,239	(694,044)	
91	783	Advertising expenses	A		38,244	27,919	10,325	
92	784	Miscellaneous sales expenses	A					
93	785	Merchandising, jobbing and contract work	A					
94		Total sales expenses			633,439	1,317,158	(683,719)	
95		VII. ADMIN. AND GENERAL EXPENSES						
96		Operation						
97	790	Allocation of A&G expenses			(6,653,692)	(5,545,431)	(1,108,261)	
98	791	Administrative and general salaries	A	B	C	16,179,555	16,019,605	159,950
99	792	Office supplies and other expenses	A	B	C	3,585,124	4,249,964	(664,840)
100	793	Property insurance	A			328,368	365,368	(37,000)
101	793	Property insurance, injuries and damages		B	C			
102	794	Injuries and damages	A			2,521,786	1,732,187	789,599
103	795	Employees' pensions and benefits	A	B	C	19,357,280	21,017,605	(1,660,325)
104	796	Franchise requirements	A	B	C	117,520	107,197	10,323
105	797	Regulatory commission expenses	A	B	C	563,855	686,061	(122,206)
106	798	Outside services employed	A			13,600,933	10,214,385	3,386,548
107	798	Miscellaneous other general expenses		B				
108	798	Miscellaneous other general operation expenses			C			
109	799	Miscellaneous general expenses	A			2,293,699	2,134,604	159,095
110		Maintenance						
111	805	Maintenance of general plant	A	B	C	2,624,671	2,413,807	210,864
112		Total administrative and general expenses				54,519,099	53,395,352	1,123,747
113		VIII. MISCELLANEOUS						
114	811	Rents	A	B	C	1,517,342	1,554,121	(36,779)
115	812	Administrative expenses transferred - Cr.	A	B	C	(1,905,233)	(1,273,656)	(631,577)
116	813	Duplicate charges - Cr.	A	B	C			
117		Total miscellaneous				(387,891)	280,465	(668,356)
118		Total operating expenses				\$ 147,411,755	\$ 164,285,204	\$ (16,873,449)

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

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.
2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.
3. The accounts to which taxes charged were distributed should be shown in columns (c) to (f). Show both the utility department and number of account charged except for taxes capitalized.
4. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.
5. The total taxes charged as shown in column (b) should agree with the amounts shown by column (d) of schedule entitled "Accrued and Prepaid Taxes," page 24.
6. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax	(a)	(b)	DISTRIBUTION OF TAXES CHARGED						
				(Show utility department where applicable and account charged)						
				Total Taxes Charged During Year	Water (Account 507) B-4	Nonutility (Account 521) B-6	Other (Account 507)	Other Deferred-non-utility Water B-6	Other B-7 & B-8 (net) Deferred-non-utility	Capitalized (Omit Account)
				(b)	(c)	(d) Electric	(e-1)	(e-2 electric)	(e-2 non-regulated)	(f)
1	Taxes on real and personal property		\$ 8,708,039	\$ 8,263,724	\$ 444,315					
2	State income taxes		5,185,666	2,759,843	499,481	2,425,823	20,576	2,087		
3	Payroll taxes		2,950,012	2,673,605	276,407					
4	Franchise taxes including licenses & filing fees		3,507,705	3,146,125	361,580					
5	Federal income tax		20,107,075	(5,480,522)	2,068,510	25,587,597	128,886	59,072		
6	Groundwater production assessments(pump taxes)		14,993,452	14,993,452						
7			Total	\$ 55,451,949	\$ 28,356,227	\$ 3,650,293	\$ 28,013,420	\$ 149,462	\$ 61,159	\$ -

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)
Reconciliation of Reported Net Income With Taxable Income for Federal Income Taxes		
1	NET BOOK INCOME FOR THE YEAR	\$ 46,966,863
2		
3	Book Federal Income Tax Expense	22,746,401
4	Book State Income Tax Expense	5,660,188
5	Subtotal	28,606,509
2		
3	Pre-Tax Book Income	75,575,452
4		
6	INCOME SUBJECT TO TAX NOT RECORDED ON BOOKS	
7		
3	2012 Sec. 481(a)	-
4	CIAC Connection Fees	1,008,827
5	FIN49 Interest	13,379
8	PVPA Equity Pick-Up	-
9	RABBI Trust	30,835
4	Hill Street	104,478
5	Subtotal	1,157,519
6	EXPENSES RECORDED ON BKS NOT DEDUCTED ON RETURN	
10		
11	Accrued Regulatory Liabilities	3
5	Bond Premium Amortization	174,130
6	Book Amortization	1,807,876
7	Book Depreciation	35,537,422
12	Business Meals	54,974
13	Charitable Contribution	111,361
6	Deferred Charges	971,310
7	Deferred Rate Case Charges	776,401
8	Deferred Revenue	-
14	Executive SERP	1,238,437
15	FAS 123R Expense	(87,472)
7	General Liability Insurance	(84,766)
8	IRC Sec 162(m) cash comp.	85,408
9	Lobbying Related Expenses	131,174
16	Penalties	14
17	Partial Contributions	17,200
8	Rent Expense	(3,597)
9	Santa Maria Water Rights Legal Fees	526,929
10	Rural Aca Costs	-
18	UNICAP	2,408,919
19	Vacation pay accrual	(103,402)
9	VEBA	(478,628)
10	Workers' Compensation	464,779
11	Subtotal	43,549,072
20		
21	BOOK INCOME NOT SUBJECT TO TAX	
10		
11	Cal Cities Equity Pick-Up	3,533
12		3,533
22		
23	DEDUCTIONS FOR TAX NOT CHARGED AGAINST BK INCOME	
11		
12	Accrued Payroll Taxes	(257)
13	Advance Refunds	901,350
24	AFUDC	93,234
25	Bad Debt Accrual	63,756
12	Balancing & Memorandum Accounts	13,785,047
13	CA Franchise Tax	3,180,306
14	CIAC Deferred Revenue	-
26	Conservation Costs	-
27	Cost of removal	5,907,372
13	Director's Retirement Plan	91,880
14	Impairment Loss	-
15	IRC Sec 199 Deduction	-
28	Loss on disposal of ACRS property	4,357,850
29	Pension Costs	1,047,996
14	Property Taxes	854,059
15	Regulatory Liability Settlement	(3,935)
16	Repair Reg	21,588,925
30	Short Term Incentive Program	(92,482)
31	Fed NOL	(11,011,104)
15	State Water Project Amortization	44,404
16	Tax Amortization	1,619,609
17	Tax Depreciation	76,761,983
32	Subtotal	119,180,202
33		
16	Estimated Federal Taxable Income	1,098,309
17		
18	Federal Tax Rate	-
34		
35	Federal Current Tax Expense (Estimate)	394,408
17		
18	Refund from Prior Year	-
19	Return to Accrual True-Up	(4,014,602)
36		
37	Total Federal Tax	\$ (3,630,194)

SCHEDULE B-6				
Account 521 - Income from Nonutility Operations				
Line No.	Description (a)	Revenue (b)	Expenses (c)	Net Income (d)
1	Bear Valley Electric	\$ 35,525,631		
2	Supply expenses		12,994,518	
3	Operation expense		11,508,651	
4	Depreciation and amortization expenses		2,027,177	
5	Taxes Not on Income - See B-4		1,082,302	
6	Interest expense, net		1,337,487	
7	Income taxes- See B-4		2,727,706	
8	Income taxes- non-regulated - See B-4	12,339		
9	Non-operation income		5,250	
10	Net Income from CAL CITIES	3,533		
11	Total	\$ 35,541,503	\$ 31,683,091	\$ 3,858,412

SCHEDULE B-7		
Account 526 - Miscellaneous Nonoperating Revenue		
Line No.	Description (a)	Amount (b)
1	Lease income (Folsom)	\$ 1,644,020
2	Rabbit Trust SERP	772,249
3	Non-regulated federal income taxes	72,564
4	Miscellaneous income	26,498
5	State water project (CIAC)	79,953
6	Equity earning from investment	18,850
7		
8	Total	\$ 2,614,134

SCHEDULE B-8		
Account 527 - Nonoperating Revenue Deductions (Dr.)		
Line No.	Description (a)	Amount (b)
1	Outside service expenses	\$ 232,393
2	Miscellaneous expenses	119,901
3	Non-operating income taxes (state and federal)	671,045
4	Property tax	263,202
5	Total	\$ 1,286,541

SCHEDULE B-9		
Account 535 - Other Interest Charges		
Line No.	Description (a)	Amount (b)
1	Customers deposit interest	\$ 1,927
2	Other interest income	(10,035)
3	Interest income associated with tax assessments	(422)
4	Total	\$ (8,530)

SCHEDULE B-10		
Account 538 - Miscellaneous Income Deductions		
Line No.	Description (a)	Amount (b)
1	Charitable Contributions	\$ 136,392
2	Political Contributions	12,200
3		
4		
5	Total	\$ 148,592

SCHEDULE C-1

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

Line No.	Give the required particulars of all contracts or other agreements in effect in the course of the year between the respondent and any corporation, association, partnership or person covering supervision and/or management of any department of the respondents affairs such as accounting, engineering, financing, construction or operation, and show the payments under such agreements and also the payments for advice and services to a corporation or corporations which directly or indirectly control respondent through stock ownership	
1	Did the respondent have a contract or other agreement with any organization or person covering supervision and/or management of its own affairs during the year? Answer: Yes _____ No <u> X </u>	
2	Name of each organization or person that was a party to such a contract or agreement N/A	
3	Date of original contract or agreement.	<u> N/A </u>
4	Date of each supplement or agreement.	<u> N/A </u>
Note: File with the report a copy of every contract, agreement, supplement or amendment mentioned above unless a copy of the instrument in due form has been furnished in which case a definite reference to the report of the respondent relative to which it was furnished will suffice.		
5	Amount of compensation paid during the year for supervision or management:	<u> N/A </u>
6	To whom paid:	<u> N/A </u>
7	Nature of payment (salary, traveling expenses, etc.):	<u> N/A </u>
8	Amounts paid for each class of service:	<u> \$ N/A </u>
9	Base for determination of such amounts	<u> NA </u>
10	Distribution of payments:	
	(a) Charged to operating expenses	<u> \$ N/A </u>
	(b) Charged to capital accounts	<u> \$ N/A </u>
	(c) Charged to other accounts	<u> \$ N/A </u>
	Total	<u> \$ N/A </u>
11	Distribution of charges to operating expenses by primary accounts.	
	Number and Title of Account	
	<u> N/A </u>	

	Total	_____
12	What relationship, if any, exists between respondent and supervisory and/or managing concerns? N/A	

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	Not applicable		
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	48	\$	3,155,995
2	Employees - Pumping	56		5,164,085
3	Employees - Water treatment	69		6,529,310
4	Employees - Transmission and distribution	169		10,059,105
5	Employees - Customer account	74		3,412,320
6	Employees - Administrative	29		1,716,001
7	General officers	8		6,089,248
8	General office	141		12,731,687
9	Total	594	\$	48,857,752

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	-	23	-	-	23	-	\$ -	-	\$ -
2	General Liability Claims	-	-	-	5	5	-	-	56	117,223
3	Auto Claims	-	3	-	2	5	17	46,828	12	18,869
4	Property Claims	-	-	-	-	-	49	250,264	-	-
5	Total		26		7	33	66	\$ 297,092	68	\$ 136,092

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	\$	12,200
2			
3			
4			
5			
6			

**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	

**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.

	Officer's Name	Cash Bonus	Stock units (in units)	Stock Awards-Value	Other Comp
1	Robert J. Sprowls	\$ 613,613	19,340	\$ 789,072	\$ 25,420
2	Denise L. Kruger	148,338	2,902	118,402	28,175
3	Eva G. Tang	152,652	2,902	118,402	22,572
4	Gladys M. Farrow	79,219	2,080	84,864	17,940
5	William C. Gedney	69,579	2,080	84,864	22,847
6	Patrick R.	88,592	2,080	84,864	23,054
7	Bryan K. Switzer	78,243	2,080	84,864	24,931
8	Paul J. Rowley	46,703	1,160	47,328	15,563
	Total	\$ 1,276,939	34,624	\$ 1,412,660	\$ 180,502

**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	212,490	213,815	2,178	1,536
Commercial	37,237	37,360		
Industrial	348	346		
Public authorities	1,445	1,414		
Irrigation	2,177	2,319		
Other	15	15		
Contract	125	124		
Subtotal	253,837	255,393	2,178	1,536
Private fire connections			4,273	4,315
Public fire hydrants				
Total *	253,837	255,393	6,451	5,851

* data run as of 1/5/2016 and 1/4/2017 respectively

SCHEDULE D-5		
Number of Meters and Services on Pipe Systems at End of Year		
Size	Meters	Services
5/8 x 3/4 - in	192,052	
3/4 - in	19,161	137,523
1 - in	37,414	98,265
1 1/2 - in	4,495	1,785
2 - in	9,067	12,750
3 - in	834	730
4 - in	287	1,634
6 - in	175	1,585
8 - in	74	1,602
Other	6	5,370
Total *	263,565	261,244

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 . . .	1,272
2. Used, before repair	859
3. Used, after repair	105
4. Found fast, requiring billing adjustment	-
B. Number of Meters in Service Since Last Test	
1. Ten years or less	186,999
2. More than 10, but less than 15 years	47,013
3. More than 15 years	29,553

SCHEDULE D-7

Water delivered to Metered Customers by Months and Years in CCF (Unit Chosen)¹

Classification of Service	During Current Year							
	January	February	March	April	May	June	July	Subtotal
Residential and Commercial	3,421,674	3,161,143	3,173,404	3,645,443	3,740,405	4,221,594	4,825,442	26,189,105
Industrial	34,054	40,494	38,759	46,905	42,552	41,593	54,755	299,112
Public authorities	115,872	103,602	130,311	144,907	201,075	248,268	313,366	1,257,401
Irrigation	65,861	48,344	74,192	81,724	140,127	170,731	267,747	848,726
Other	4,789	4,228	7,471	7,268	9,038	10,364	10,816	53,974
Contract	39,611	40,757	46,399	56,654	62,840	74,950	91,132	412,343
Total	3,681,861	3,398,568	3,470,536	3,982,901	4,196,037	4,767,500	5,563,258	29,060,661

Classification of Service	During Current Year							Total Prior Year
	August	September	October	November	December	Subtotal	Total	
Residential and Commercial	4,704,489	4,865,244	4,716,313	3,954,459	3,631,328	21,871,833	48,060,938	47,871,271
Industrial	46,840	49,737	50,157	46,613	39,882	233,229	532,341	519,170
Public authorities	333,339	357,161	314,163	221,521	161,800	1,387,984	2,645,385	2,465,572
Irrigation	244,250	311,824	231,859	175,079	112,109	1,075,121	1,923,847	1,668,350
Other	11,028	11,669	9,212	5,274	6,401	43,584	97,558	99,830
Contract	80,953	118,502	97,636	68,129	44,413	409,633	821,976	853,457
Total	5,420,899	5,714,137	5,419,340	4,471,075	3,995,933	25,021,384	54,082,045	53,477,650 **

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 _____ 1,091,295
Assume 4.1773 per household

** Rural acquisition completed Oct 14, 2015. 2015's consumption includes 3 months of Rural customers billed water consumption.

**SCHEDULE D-8
Status With State Board of Public Health**

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

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

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

4. Date of permit: _____ See attached _____

5. If permit is "temporary", what is the expiration date? _____ N/A _____

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

7. If so, on what date? _____ N/A _____

**SCHEDULE D-9
Statement of Material Financial Interest**

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

No material interest as defined in general order 104-A and required to be reported in this annual report occurred since the last annual report filed by the Company. The company does not propose at the present time to become a party to any transaction involving such material interest.

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		
					Application 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		
		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		
					Application to add treatment - Skyline IX Treatment
		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		
					Application to add SLOCC #5 as a source of supply
		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.		

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
		9/12/2005	Permit Amendment No. 04-06-97P-019 (Amendment 02) San Antonio Well #4		
		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	Construct and operate Olive Hill Well #1 and additional 1.5 MG tank on Orcutt Hill. Permit Amendment No. 05-06-04PA-004		
		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		
				Application to add the Casa Real pipeline to treat Casa Real well at the Alta Mesa Plant	2016
		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			Application for Permit, Transfer of Ownership	10/8/2013

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
		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		
		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		
				Dayton Well 2 + Prop 50 commitment	10/30/2013
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		
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		
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		
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		
		8/1/2014	PA# 1910077-PA-006 Goodyear GAC/IX		

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
		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		
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 line Amendment 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		
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		
		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		

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
		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		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
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		
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		
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		
		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-019		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		
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)		
		1/17/2017	Amendment 2017PA_SCHOOLS - requires lead testing in schools if requested by the school or district		

District	System	Original Date Issued	Recent Amendment	Application Pending Approval	Date of Application Pending Approval
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		
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		
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 08-09-030, D12-04-043	\$ 45,171,300	\$ 20,478,666		\$ 167,935	\$ (18,608,846)		\$ 131,336	\$ 47,340,391
2	Base Revenue Requirement Adjustment Mechanism	D 09-10-029, D 10-03-016	3,714,020	705,275		13,715	(2,970,065)		(86,239)	1,376,706
3	Electric supply cost balancing account	D 02-07-041	(4,059,687)				(26,990)	1,215,846	457,844	(5,155,019)
4	Costs deferred for future recovery on Aerjet case	D 05-07-045	12,599,226			64,302	(943,660)			11,819,868
5	Pensions and other retirement obligations	D 10-11-035	21,995,775			9,251			6,113,498	28,118,524
6	Derivative unrealized loss	D 09-05-025	7,053,354						(2,152,851)	4,900,503
7	Flow-through taxes, net	D 09-11-059	16,176,070						3,958,027	20,134,097
8	Asset retirement obligations		3,216,809						290,537	3,507,346
9	Low income rate assistance balancing accounts	D 08-01-043 for R1, D 02-01-034 for RII and RIII, Resolution E-3524 for BVE	8,699,395			44,913	(479,509)		6,808	8,271,605
10	Bay Point balancing account	D 11-09-017 for Hat Street Water Treatment Plant, Resolution # W-4977 for Randal Bold Balancing account	3,154,292			170,827	(803,748)			2,521,371
11	Electric transmission line abandonment costs	D 02-07-041	1,352,459						(340,739)	1,011,720
12	General rate case memo accounts	D 10-11-035 for 1421 & 1422-W (RII and RIII interim rate true up surcharge), D 09-07-027 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	4,433,288	9,477,984		18,325	(97)			13,929,500
13	Water supply cost balancing accounts	D 06-04-037	48,760		44,432	320				93,518
14	Water conservation memo accounts	D 01-10-042	674,595							674,595
15	Deferred Rate Case Costs	D 13-05-011	2,656,957				\$ (1,149,366.00)		\$ 372,965.00	1,880,556
16	Santa Maria memo accounts	D 07-05-041	2,504,779			\$ 68,793.00	\$ (595,722.00)		\$ 200,381.00	2,178,231
17	Renewable Portfolio Standard memo	D 07-01-024, D 12-03-048	415,533			\$ 1,081.00			35,579	452,193
18	Outside Service memo account	D 04-08-053	194,108			1,020	3			195,131
19	OCAMA	D 12-06-008 for BVE and Standard Practice U-27-W for Banstow Water Alert	24,613		\$ 66,939.00	\$ 205.00		(8)		91,749
20	Others	D 10-11-035 for well replacement study, D 12-07-009 for interest balancing account, Resolution # 4652 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	2,533,067	15,604	280,433	1,397	-		45,957	2,876,478
21	2013 Balancing Accounts and Memorandum Accounts Amortizations -City of Torrance - Oracle Technical Support - Conservation Oil - Los Osos groundwater and balancing acct -Santa Maria Stipulation Memo -Castana - One line GRC memo	D 13-05-011	1,188,154		58,154	2,512	(436,801)		93,864	905,883
22	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	(880,680)			(1,147)	(250,759)		\$ 155,445.21	(777,141)
23	COSMA and Tax repair regulatory liability	D 13-05-011	(470,626)							(470,626)
24	-Los Osos Interlocutory Stipulation Memorandum Account -Omega Chemical Corporation Superfund Site Memorandum Account -Day Point Mandatory Rationing Implementation Memorandum Account - Santa Maria Steelhead Recovery Plan Memorandum Account -General Office Maintenance Memorandum Account	D 16-12-067		403,683						403,683
			\$ 132,695,505	\$ 30,677,529	\$ 449,958	\$ 536,459	\$ (28,980,410)	\$ 1,215,846	\$ 9,282,210	\$ 146,280,861

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 2016 (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.

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.

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 15% discount to eligible residential customers via a flat rate monthly discount, which is applied to the total bill. A copy of the CARW flat rate discount for 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.

GSWC was authorized to recover the costs recorded in the Region 1, Region 2, and Region 3 CARW Program Balancing Accounts in 2013, as part of the General Rate Case proceeding. 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 2016 (as a percent of total customers served)

12/31/16	Total Number of Accts	Number of Residential Accts with CARW Discounts	% of Accts with CARW Discounts
ARDEN CORDOVA	14,466	1,419	9.81%
BAY POINT	4,992	1,257	25.18%
CLEARLAKE	2,191	555	25.33%
LOS OSOS	3,260	367	11.26%
OJAI	2,860	255	8.92%
SANTA MARIA	14,587	1,995	13.68%
SIMI VALLEY	13,289	1,718	12.93%
REGION 2	100,785	22,397	22.22%
REGION 3	98,613	13,315	13.50%
Total	255,042	43,278	16.97%

Attachment A

Schedule No. LI
CALIFORNIA ALTERNATE RATES FOR WATER (CARW)
DOMESTIC SERVICE - SINGLE FAMILY ACCOMMODATION

Page 1

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	\$3.00
Arden Cordova (Flat)	\$9.00
Bay Point	\$11.00
Clearlake	\$17.00
Los Osos	\$14.00
Ojai	\$11.00
Santa Maria	\$5.00
Simi Valley	\$9.00
Region 2	\$9.00
Region 3	\$8.00

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)

Advice Letter No. 1518-W

Decision No. 13-05-011

Issued By

R. J. Sprowls

President

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

Date Filed May 17, 2013

Effective May 22, 2013

Resolution No. _____

Schedule No. LI

Page 2 of 2

**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, 2016)	
Number of Persons in Household	Total Gross Annual Income
1-2	\$ 32,040
3	\$ 40,320
4	\$ 48,600
5	\$ 56,880
6	\$ 65,160
7	\$ 73,460
8	\$ 81,780
Each Additional person	\$ 8,320

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)

Advice Letter No. 1654-W

Decision No. _____

Issued By

R. J. Sprowls

President

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

Date Filed March 30, 2016

Effective June 1, 2016

Resolution No. E-3524

Attachment B

REGION 1 CARW																
2016 Balancing Account																
Line #	Description	(a) JAN	(b) FEB	(c) MAR	(d) APR	(e) MAY	(f) JUN	(g) JUL	(h) AUG	(i) SEP	(j) OCT	(k) NOV	(l) DEC	YTD		
REVENUE - METERED																
1	CARW credits granted (Revenue 5.22%)	(567,155)	(551,712)	(554,350)	(550,311)	(556,709)	(552,683)	(555,703)	(552,045)	(557,185)	(554,278)	(558,405)	(554,823)	(5775,094,69)		
	Total metered surcredit @10.054 eff. 5/22/13	28,523.60	25,910.60	27,321.02	22,572.40	30,121.62	51,283.52	50,572.50	61,710.75	61,401	58,560	41,162	33,612	521,765		
	Flat Rate Cust. Surcredit \$1.95 per cust. eff. 5/22/13	4,325.53	2,559.63	4,012.59	2,276.28	3,692.92	2,419.78	3,652.62	2,459.44	3,736	2,213	3,072	1,718	26,678		
	Net of Surcharge and Surcredit	22,833.50	20,420.52	21,333.51	21,849.89	41,824.54	52,703.30	64,265.12	64,170.19	65,136.58	60,878.16	44,235.77	35,329.89	558,443		
5	Uncollectible & Franchise Fee - 88%	(\$324)	(\$295)	(\$309)	(\$344)	(\$412)	(\$530)	(\$634)	(\$633)	(\$642)	(\$600)	(\$436)	(\$248)	(5,505)		
6	Total Offset Metered Revenue	\$32,525	\$29,576	\$31,025	\$34,505	\$41,412	\$53,174	\$63,631	\$63,537	\$64,494	\$60,278	\$43,798	\$34,982	\$552,937		
	Total Offset Revenue	\$32,525	\$29,576	\$31,025	\$34,505	\$41,412	\$53,174	\$63,631	\$63,537	\$64,494	\$60,278	\$43,798	\$34,982	\$552,937		
7	Administrative Expense 22439 JV	(\$012)	(\$255)	(\$281)	(\$172)	(\$1,413)	(\$2,613)	\$0	\$0	\$0	(\$354)	\$0	(\$310)	(6,261,03)		
8	Total CARW Program Costs	(\$35,454)	(\$32,433)	(\$33,617)	(\$25,678)	(\$26,710)	(\$12,127)	(\$2,076)	\$1,492	(\$2,691)	(\$4,354)	(\$24,610)	(\$30,152)	(\$228,419)		
9	ADJUSTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
10	Over/Under Collection before Interest	(\$35,454)	(\$32,433)	(\$33,617)	(\$25,678)	(\$26,710)	(\$12,127)	(\$2,076)	\$1,492	(\$2,691)	(\$4,354)	(\$24,610)	(\$30,152)	(\$228,419)		
11	Interest Rate 3 Mo. Commert Paps. Rate	0.47%	0.47%	0.47%	0.45%	0.48%	0.49%	0.45%	0.50%	0.53%	0.58%	0.62%	0.74%			
12	Average Monthly Rate	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.05%	0.05%	0.05%			
13	Monthly Interest	(271.82)	(285.22)	(298.27)	(316.59)	(327.29)	(342.08)	(323.93)	(252.42)	(373.08)	(411.15)	(447.20)	(550.92)	(4,300.83)		
Per	Per Gl/Per GL	(35,725.84)	(32,718.12)	(33,914.81)	(25,994.22)	(27,037)	(12,469.54)	(2,400.20)	1,140.02	(3,055.09)	(\$4,775)	(25,057.65)	(30,702.69)	(\$232,720)		
	12/31/15	(676,265.24)	Total	(712,011.08)	(574,729.19)	(778,044.00)	(604,033.22)	(831,674.95)	(844,144)	(\$846,544.69)	(\$645,404.68)	(\$843,459.76)	(\$853,244.79)	(\$878,302)	(909,005.13)	0

REGION 2 CARW													
2016 Balance Account													
Description	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
REVENUE - METRO													
CARW 6.25% Interest @ 6.25%	(\$214,393)	(193,200.62)	(193,823.75)	15,105,656	(\$282,621)	182,023,225	\$204,245	(5,168,165)	10,296,979	(\$205,703)	(\$211,829)	(\$200,684)	(2,428,572.27)
A.L. 1518-W.D. 13-05-011 Eff. 5/22/13 SUB. 129													
Total Interest Surcharge Res. @ 50.15% (c) Eff. 5/22/13	215,736.17	209,064.06	213,472.11	\$745,523.82	\$235,014	\$248,331	\$283,551	254,872.50	\$784,431	\$271,073	\$234,308	\$229,044	2,842,278.39
Surcharge 50.05% (a) (R and W); 50.15% (c) (L) (Implied rate)													0
Surcharge	235,736	209,064.06	213,472	246,524	235,013.96	248,329.65	283,551.32	254,873	784,431.13	271,072.70	234,308.07	229,043.61	2,842,278
Uncollectible & Franchise Fee, 1.527%	(\$3,599)	(\$3,181)	(\$3,253)	(\$3,748)	(\$3,587)	(\$3,769)	(\$4,328)	(\$3,868)	(\$4,342)	(\$4,138)	(\$3,578)	(\$3,498)	(\$3,498)
Total surcharge	\$232,138	\$205,873	\$210,213	\$242,776	\$231,426	\$244,560	\$279,223	\$250,785	\$780,089	\$266,935	\$230,730	\$225,547	2,837,780
Relinquishable Expense 14145 W	(1,656.37)	(911,901)	(\$3,031)	(358,12)	(2,947,841)	(\$4,487)	50	50		(1755)	50	(8255)	(12,407.74)
Total CARW Program Costs	\$16,439	\$14,554	\$16,163	\$44,721	\$25,658	\$25,258	\$74,778	\$52,620	\$71,111	\$60,472	\$18,882	\$15,428	445,385
ADJUSTMENTS	50	50	50	50	50	50	50	50	50	50	50	50	0
Over(Under) Collection before Interest	16,438.74	\$14,554	\$16,163	\$44,721	\$25,658	\$25,258	\$74,778	\$52,620	\$71,111	\$60,472	\$18,882	\$15,428	445,385
Interest Rate - Mo. Comm'l Paper Rate	0.47%	0.47%	0.47%	0.48%	0.48%	0.49%	0.45%	0.50%	0.53%	0.56%	0.62%	0.74%	
Average Monthly Rate	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.05%	0.05%	0.05%	
Monthly Interest	(1,822.33)	(1,817.03)	(1,811.73)	(1,838.82)	(1,825.44)	(1,851.74)	(1,777.89)	(1,841.59)	(1,825.53)	(2,078.32)	(2,200.09)	(2,616.63)	(23,345.23)
Over(Under) Collection w/ Interest	14,616.35	12,736.87	14,351.83	42,882.56	24,032.63	33,405.76	73,059.71	50,778.79	69,165.19	\$68,398.18	\$16,762	\$12,812	423,039
Cumulative Over(Under) Coll'd	Total: (\$4,846,592.94)	(\$4,633,768)	(\$4,619,615)	(\$4,576,533)	(\$4,552,550)	(\$4,519,094)	(\$4,449,034)	(\$4,395,255.67)	(\$4,325,070.47)	(\$4,267,674.30)	(\$4,250,892.07)	(\$4,238,660.81)	50

REGION 3 CARW																
2016 Balancing Account																
Description	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD			
REVENUE - METERED																
CARW credits granted (Revenue 5205)	(113,161.22)	(197,959.11)	(109,643.66)	(103,074.14)	(113,071.65)	(106,516.52)	(110,771.89)	(104,892.07)	(110,784.04)	(108,318.24)	(110,566.73)	(111,058.54)	(1,316,326.43)			
A.L 1519-W.D. 13-05-011 Eff. 5/22/13 -SUB 103																
Total metered surcharge Res @ \$0.082/ ccf, eff. 5/22/13	162,478.95	99,206.47	100,603.19	111,744.67	125,742.27	143,978.38	159,654.53	173,610.85	179,274	163,248	140,231	122,020	1,644,427			
Surcharge \$0.0035 per ccf (R and NR) & \$0.032/ Ccf blended rate													0			
Total	162,478.95	99,206.47	100,603.19	111,744.67	125,742.27	143,978.38	159,654.53	173,610.85	179,274	163,248	140,231	122,020	1,644,427			
Uncollectible & Franchise Fee 1.307%	(51,325)	(51,295)	(51,319)	(51,489)	(51,643)	(51,856)	(52,219)	(52,288)	(52,342)	(52,213)	(51,872)	(51,524)	(614,434)			
Total surcharge	101,140.01	57,909	59,814	60,255	74,099	92,122	107,435	121,322	126,932	111,035	88,359	70,496	1,029,993			
Administrative Expense 14148 LV	31,435	(56,813)	(56,827)	(347,503)	(2,362,551)	(4,769,231)	0	30	50	0	(1733)	0	(5825)	(51,119.13)		
Total CARW Program Costs	(513,655)	(457,448)	(516,831)	(29,826)	(55,179)	(330,762)	(55,861)	(50,450)	(50,148)	(57,892)	(24,743)	(7,745)	(224,405)			
ADJUSTMENTS	50	50	50	50	50	50	50	50	50	50	50	50	50			
Over(Under) Collection before Interest	(13,652.21)	(52,749)	(110,601)	29,826	25,179	(30,782)	(55,861)	(50,450)	(50,148)	(57,892)	(24,743)	(7,745)	(224,405)			
Interest Rate 3-Mo. Cumulative Paper Rate	0.47%	0.47%	0.47%	0.46%	0.46%	0.45%	0.45%	0.45%	0.53%	0.53%	0.53%	0.74%				
Average Monthly Rate	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.04%	0.05%	0.05%				
Monthly Interest	(1,187.35)	(1,192.35)	(1,195.84)	(1,222.89)	(1,219.87)	(1,237.83)	(1,145.72)	(1,220.14)	(1,254.65)	(1,354.52)	(1,422.28)	(1,824.37)	(15,363.77)			
Per GL	(14,840.51)	(10,933.62)	(11,893.13)	8,602.93	8,959.93	29,534.46	16,715.74	(5,720.27)	64,682.95	259,637.77	23,315.42	55,630.43	279,135			
12/31/2015	(53,624,576)															
Total	(3,039,422.73)	(53,059,383)	(53,072,301)	(53,053,750)	(53,046,797)	(53,017,274)	(53,001,558)	(52,895,329.21)	(52,831,445.28)	(52,774,607.49)	(52,751,492)	(52,740,441.59)				

INFORMATION ONLY

CONSERVATION & LOW-INCOME DATA

2016

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
ARDEN CORDOVA												
Irrigation												
1 1/2" meter												
CCF	437	216	1,345	(844)	1,222	394	3,248	382	4,632	332	2,559	225
Customer	9	9	9	9	9	9	9	10	9	9	8	8
CCF/Customer	49	24	149	(94)	136	44	361	38	515	37	320	28
5-yr Avg	57	39	52	59	115	141	221	190	211	93	144	46
Reduction	15%	38%	-188%	259%	-18%	69%	-63%	80%	-144%	60%	-121%	38%
1" meter												
CCF	95	534	203	717	1,484	3,131	4,948	5,197	5,957	3,344	2,925	851
Customer	49	49	50	52	59	59	59	59	59	59	59	61
CCF/Customer	2	11	4	14	25	53	84	88	101	57	50	14
5-yr Avg	9	1	13	2	44	4	88	7	113	9	50	3
Reduction	80%	-855%	69%	-514%	43%	-1141%	4%	-1117%	11%	-548%	1%	-403%
2" meter												
CCF	2,625	2,943	4,300	8,217	21,831	26,628	66,456	33,069	69,659	35,945	25,087	6,631
Customer	276	281	281	285	285	284	284	287	284	287	289	287
CCF/Customer	10	10	15	29	77	94	234	115	245	125	87	23
5-yr Avg	27	31	29	48	120	115	272	157	331	164	152	66
Reduction	64%	66%	47%	40%	36%	19%	14%	27%	26%	24%	43%	65%
3" meter												
CCF	467	643	736	1,695	3,476	6,720	8,197	8,653	9,325	5,725	1,360	633
Customer	15	15	15	15	15	15	15	15	15	15	15	15
CCF/Customer	31	43	49	113	232	448	546	577	622	382	91	42
5-yr Avg	59	102	111	210	377	762	981	930	1,116	787	581	115
Reduction	47%	58%	56%	46%	39%	41%	44%	38%	44%	52%	84%	63%
3/4" meter												
CCF	90	2	87	8	290	66	1,005	312	1,219	500	1,280	64
Customer	22	22	22	22	23	23	23	22	22	22	22	22
CCF/Customer	4	0	4	0	13	3	44	14	55	23	58	3
5-yr Avg	4	3	3	6	14	6	43	15	186	12	41	7
Reduction	4%	97%	-48%	94%	10%	52%	-1%	6%	70%	-86%	-43%	60%
4" meter												
CCF	13	11	7	5	375	1,537	1,350	1,861	1,416	2,923	163	955
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	4	4	2	2	125	512	450	620	472	974	54	318
5-yr Avg	37	197	39	111	229	646	534	914	550	1,282	278	557
Reduction	88%	98%	94%	99%	45%	21%	16%	32%	14%	24%	80%	43%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
CCF	10	7	15	(4)	57	152	201	77	211	121	39	9
Customer	6	6	6	6	6	6	6	6	6	6	6	6
CCF/Customer	2	1	3	(1)	10	25	34	13	35	20	7	2
5-yr Avg	1	12	5	22	27	47	71	73	98	45	52	11
Reduction	-33%	90%	49%	103%	64%	46%	53%	82%	64%	55%	87%	87%
6" meter												
CCF	-	-	-	-	-	-	1,187	3,797	4,396	2,938	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	-	-	-	-	-	-	1,187	3,797	4,396	2,938	-	-
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%	100%	100%	100%	81%	24%	2%	5%	100%	100%
three 2" meters												
CCF	1	-	-	28	941	2,264	3,115	2,202	2,199	1,567	1	2
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	1	-	-	14	471	1,132	1,558	1,101	1,100	784	1	1
5-yr Avg	4	41	34	185	427	1,411	1,857	1,921	1,653	1,267	410	66
Reduction	88%	100%	100%	92%	-10%	20%	16%	43%	33%	38%	100%	98%
two 2" meters												
CCF	1	-	-	44	641	802	1,369	1,018	1,101	650	92	-
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	1	-	-	22	321	401	685	509	551	325	46	-
5-yr Avg	-	0	27	39	367	889	1,315	1,259	1,129	1,049	412	98
Reduction	0%	100%	100%	44%	13%	55%	48%	60%	51%	69%	89%	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	537	1,482	(181)	903	352	457	583	651	1,098	882	1,074	583
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	537	1,482	(181)	903	352	457	583	651	1,098	882	1,074	583
5-yr Avg	410	476	415	632	765	1,269	1,602	1,632	1,639	862	755	698
Reduction	-31%	-211%	144%	-43%	54%	64%	64%	60%	33%	-2%	-42%	16%
2" meter												
CCF	11	-	70	362	305	306	681	251	896	442	66	76
Customer	9	7	6	6	6	6	6	6	6	6	6	6
CCF/Customer	1	-	12	60	51	51	114	42	149	74	11	13
5-yr Avg	24	4	43	9	101	107	298	79	380	142	218	15
Reduction	95%	100%	73%	-583%	49%	52%	62%	47%	61%	48%	95%	13%
3" meter												
CCF	257	281	255	588	1,672	3,281	3,935	16,177	5,247	4,288	422	312
Customer	7	7	7	7	7	7	7	7	7	7	7	7
CCF/Customer	37	40	36	84	239	469	562	2,311	750	613	60	45
5-yr Avg	87	55	50	124	198	342	424	483	401	622	607	154
Reduction	58%	28%	27%	32%	-20%	-37%	-32%	-379%	-87%	2%	90%	71%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
4" meter												
CCF	232	301	276	582	1,299	2,086	3,376	2,716	4,050	3,236	651	282
Customer	5	5	5	5	5	5	5	5	5	5	5	6
CCF/Customer	46	60	55	116	260	417	675	543	810	647	130	47
5-yr Avg	169	121	109	146	336	637	958	1,010	798	1,296	518	419
Reduction	73%	50%	49%	21%	23%	35%	30%	46%	-2%	50%	75%	89%
6" meter												
CCF	31	55	71	51	111	117	3	511	683	646	444	318
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	31	55	71	51	111	117	3	511	683	646	444	318
5-yr Avg												
Reduction												
8" meter												
CCF	-	4	2	3	5	4	5	5	7	83	4	2
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	-	4	2	3	5	4	5	5	7	83	4	2
5-yr Avg	91	96	177	195	241	376	538	492	372	308	251	194
Reduction	100%	96%	99%	98%	98%	99%	99%	99%	98%	73%	98%	99%
three 2" meters												
CCF	(116)	-	75	-	1,008	1,263	1,236	1,181	1,994	1,066	(168)	-
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	(58)	-	38	-	504	632	618	591	997	533	(84)	-
5-yr Avg	91	96	177	195	241	376	538	492	372	308	251	194
Reduction	163%	100%	79%	100%	-109%	-68%	-15%	-20%	-168%	-73%	133%	100%
two 2" meters												
CCF	105	91	96	109	325	169	1,205	723	786	187	428	91
Customer	4	4	4	4	4	4	4	4	4	4	4	3
CCF/Customer	26	23	24	27	81	42	301	181	197	47	107	30
5-yr Avg	91	96	177	195	241	376	538	492	372	308	251	194
Reduction	71%	76%	86%	86%	66%	89%	44%	63%	47%	85%	57%	84%
Commercial												
1 1/2" meter												
CCF	2,438	2,092	2,336	1,819	3,205	3,091	4,941	3,768	5,417	3,885	4,046	1,528
Customer	60	60	60	60	60	60	60	60	60	60	61	60
CCF/Customer	41	35	39	30	53	52	82	63	90	65	66	25
5-yr Avg	79	46	74	49	96	63	123	77	125	79	104	55
Reduction	49%	24%	48%	38%	44%	18%	33%	18%	28%	19%	36%	54%
1" meter												
CCF	6,266	3,133	6,734	2,987	5,979	3,596	8,672	5,161	9,175	5,978	8,313	3,730
Customer	242	238	241	240	238	239	237	240	239	240	241	242
CCF/Customer	26	13	28	12	25	15	37	22	38	25	34	15
5-yr Avg	44	39	24	41	36	47	49	49	49	49	53	31
Reduction	41%	66%	-15%	70%	30%	68%	25%	56%	21%	50%	34%	50%
2" meter												
CCF	24,142	48,217	19,717	45,518	36,943	85,948	66,355	120,680	62,969	120,932	39,631	47,692

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December	
Customer	566	567	567	567	567	568	570	571	571	571	573	569	567
CCF/Customer	42.65	85	35	80	65	151	116	211	110	211	70	84	
5-yr Avg	57	121	54	148	82	276	126	354	132	391	93	193	
Reduction	26%	30%	36%	46%	21%	45%	8%	40%	16%	46%	25%	56%	
3" meter													
CCF	17,400	18,924	18,620	20,760	25,010	33,575	41,959	63,689	37,985	30,201	24,796	18,399	
Customer	52	52	53	55	55	53	52	54	54	61	61	61	
CCF/Customer	335	364	351	377	455	633	807	1,179	703	495	406	302	
5-yr Avg	278	326	267	368	357	523	490	724	470	627	431	364	
Reduction	-20%	-12%	-32%	-3%	-27%	-21%	-65%	-63%	-50%	21%	6%	17%	
3/4" meter													
CCF	763	468	846	373	825	598	1,404	1,029	1,595	1,027	1,128	419	
Customer	71	70	71	71	72	72	72	73	73	73	72	71	
CCF/Customer	11	7	12	5	11	8	20	14	22	14	16	6	
5-yr Avg	15	13	10	13	13	20	14	26	15	27	16	16	
Reduction	27%	47%	-14%	58%	13%	58%	-38%	46%	-44%	49%	4%	64%	
4" meter													
CCF	1,092	2,891	1,512	1,219	1,379	1,709	2,488	(27,194)	7,984	7,728	3,301	4,510	
Customer	10	9	10	10	10	10	10	9	10	11	11	11	
CCF/Customer	109	321	151	122	138	171	249	(3,022)	798	703	300	410	
5-yr Avg	249	306	193	363	229	481	433	586	521	623	438	390	
Reduction	56%	-5%	22%	66%	40%	64%	43%	615%	-53%	-13%	32%	-5%	
5/8" meter													
CCF	114	4	214	5	132	13	220	8	201	7	198	210	
Customer	8	10	10	11	12	12	12	12	12	12	12	13	
CCF/Customer	14	0	21	0	11	1	18	1	17	1	17	16	
5-yr Avg	47	9	30	21	32	11	53	13	43	14	47	7	
Reduction	70%	96%	30%	98%	66%	90%	65%	95%	61%	96%	65%	-130%	
6" meter													
CCF	12,345	11,232	14,169	13,549	12,565	19,496	20,073	7,618	8,773	7,402	5,479	5,986	
Customer	4	4	4	4	4	4	4	4	4	3	3	3	
CCF/Customer	3,086	2,808	3,542	3,387	3,141	4,874	5,018	1,905	2,193	2,467	1,826	1,995	
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	-148%	-136%	-222%	-142%	-96%	-123%	-111%	20%	14%	-44%	-7%	-52%	
four 2" meters													
CCF	1,924	2,239	1,747	1,896	2,034	1,684	2,292	2,353	3,177				
Customer	1	1	1	1	1	1	1	1	1				
CCF/Customer	1,924	2,239	1,747	1,896	2,034	1,684	2,292	2,353	3,177				
5-yr Avg	1,310	769	1,305	1,038	1,735	1,317	2,291	1,564	2,367	1,358	1,818	915	
Reduction	-47%	-191%	-34%	-83%	-17%	-28%	0%	-50%	-34%	100%	100%	100%	

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
three 2" meters												
CCF	5,496	7,338	6,065	8,149	7,897	11,712	13,080	14,784	14,620	15,649	6,024	7,422
Customer	20	20	20	20	20	20	20	19	19	19	19	19
CCF/Customer	275	367	303	407	395	586	654	778	769	824	317	391
5-yr Avg	404	453	386	593	644	977	1,000	1,056	995	1,034	715	532
Reduction	32%	19%	21%	31%	39%	40%	35%	26%	23%	20%	56%	27%
two 2" meters												
CCF	8,951	12,971	8,072	10,939	11,200	16,781	16,996	19,348	22,369	23,417	10,891	11,353
Customer	42	41	41	41	41	41	41	41	41	41	41	41
CCF/Customer	213	316	197	267	273	409	415	472	546	571	266	277
5-yr Avg	315	362	315	462	466	671	704	749	683	798	507	397
Reduction	32%	13%	38%	42%	41%	39%	41%	37%	20%	28%	48%	30%
Industrial												
2" meter												
CCF	43	21	49	34	109	41	235	32	320	74	153	-
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	11	5	12	9	27	10	59	8	80	19	38	-
5-yr Avg	18	33	26	23	87	70	85	45	112	78	55	55
Reduction	40%	84%	52%	64%	69%	85%	30%	82%	28%	76%	30%	100%
Residential												
1 1/2" meter												
CCF	35		11		731		2,303		3,096		1,865	
Customer	27	27	27	27	27	27	27	27	27	27	27	27
CCF/Customer	1	-	0	-	27	-	85	-	115	-	69	-
5-yr Avg	752	255	299	501	663	1,088	503	292	360	263	210	173
Reduction	100%	100%	100%	100%	96%	100%	83%	100%	68%	100%	67%	100%
1" meter												
CCF	7,993	5,171	7,553	5,970	13,107	10,490	25,717	14,349	28,892	12,839	18,524	(10,892)
Customer	982	975	978	989	990	990	986	990	989	990	993	940
CCF/Customer	8	5	8	6	13	11	26	14	29	13	19	(12)
5-yr Avg	6	7	9	10	18	21	35	27	37	29	25	14
Reduction	-27%	28%	15%	42%	27%	49%	25%	46%	22%	56%	27%	186%
2" meter												
CCF	580	785	1,001	466	1,343	1,835	1,847	2,103	2,575	2,918	2,143	577
Customer	27	27	27	27	27	27	26	26	26	26	26	26
CCF/Customer	21	29	37	17	50	68	71	81	99	112	82	22
5-yr Avg	64	18	56	31	125	66	231	78	493	92	242	48
Reduction	66%	-60%	34%	44%	60%	-3%	69%	-3%	80%	-22%	66%	53%
3" meter												
CCF	36	51	22	122	64	111	108	83	71	125	64	-
Customer	1	1	1	1	1	1	1	1	1	1	2	2
CCF/Customer					64	111	108	83	71	125		

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
CCF	8	3	4	4	17	63	75	73	37	42	32	19
Customer	5	5	5	5	5	5	5	5	5	5	5	5
CCF/Customer	2	1	1	1	3	13	15	15	7	8	6	4
5-yr Avg	13	10	9	15	18	26	35	56	82	84	85	41
Reduction	87%	94%	91%	95%	81%	52%	58%	74%	91%	90%	92%	91%
two 2" meters												
CCF	423	411	392	463	551	634	801	633	701	698	489	508
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	423	411	392	463	551	634	801	633	701	698	489	508
5-yr Avg	305	283	321	440	625	940	1,079	1,033	1,018	800	464	308
Reduction	-39%	-45%	-22%	-5%	12%	33%	26%	39%	31%	13%	-6%	-65%
Other Sales and Services												
3" meter												
CCF	1	15	9	-	2	10	7	5	7	12	-	-
Customer	1	3	1	1	1	1	1	1	1	1	1	1
CCF/Customer	1	5	9	-	2	10	7	5	7	12	-	-
5-yr Avg	4	4	5	7	4	3	16	5	7	33	2	5
Reduction	73%	-25%	-89%	100%	52%	-213%	56%	-9%	5%	64%	100%	100%
5/8" meter												
CCF	7	10	8	9	10	18	22	16	19	19	10	5
Customer	1	5	1	1	1	1	1	1	1	1	1	1
CCF/Customer	7	2	8	9	10	18	22	16	19	19	10	5
Public Authority - Metered												
1 1/2" meter												
CCF	280	289	205	214	249	333	301	223	298	237	200	194
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	93	96	68	71	83	111	100	74	99	79	67	65
5-yr Avg	11	13	21	35	59	99	95	101	126	78	36	19
Reduction	-789%	-627%	-233%	-102%	-42%	-13%	-6%	26%	21%	-1%	-85%	-248%
1" meter												
CCF	12	7	8	10	10	11	10	9	10	9	7	7
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	12	7	8	10	10	11	10	9	10	9	7	7
5-yr Avg	4	4	4	4	4	4	4	4	4	4	4	4
Reduction	-190%	-69%	-94%	-142%	-142%	-166%	-142%	-118%	-142%	-118%	-69%	-69%
2" meter												
CCF	76	92	96	94	546	880	842	747	905	796	253	62
Customer	5	5	5	5	5	5	5	5	5	5	5	5
CCF/Customer	15	18	19	19	109	176	168	149	181	159	51	12
5-yr Avg	47	57	55	68	168	233	288	240	299	190	118	71
Reduction	68%	67%	65%	72%	35%	24%	42%	38%	39%	16%	57%	82%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	98	114	125	118	189	477	602	482	362	552	142	86
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	49	57	63	59	95	239	301	241	181	276	71	43
5-yr Avg	201	241	165	230	471	579	679	721	606	491	237	133
Reduction	76%	76%	62%	74%	80%	59%	56%	67%	70%	44%	70%	68%
4" meter												
CCF	26	21	17	21	237	758	698	656	795	561	336	28
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	13	11	9	11	119	379	349	328	398	281	168	14
5-yr Avg	166	92	80	78	71	85	114	127	130	135	283	277
Reduction	92%	89%	89%	87%	-67%	-347%	-206%	-158%	-206%	-108%	41%	95%
5/8" meter												
CCF	18	34	17	18	20	21	26	22	39	30	19	30
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	5	9	4	5	5	5	7	6	10	8	5	8
5-yr Avg	23	33	20	24	27	32	33	12	17	20	17	27
Reduction	80%	74%	79%	81%	82%	84%	80%	55%	41%	63%	72%	73%
CCF Commercial												
1 1/2" meter												
CCF	1,953	1,919	1,729	1,970	2,073	2,077	2,477	2,098	2,172	2,222	1,637	1,577
Customer	10	10	10	10	10	10	10	10	10	10	10	10
CCF/Customer	195	192	173	197	207	208	248	210	217	222	164	158
5-yr Avg	14	13	13	16	16	19	22	21	21	19	16	14
Reduction	-1341%	-1362%	-1252%	-1164%	-1225%	-988%	-1017%	-907%	-924%	-1090%	-940%	-1056%
1" meter												
CCF	738	726	768	885	820	922	1,039	1,077	1,074	1,011	831	826
Customer	37	37	37	37	37	36	37	37	36	38	38	38
CCF/Customer	20	20	21	24	22	26	28	29	30	27	22	22
5-yr Avg	35	37	32	38	36	43	45	43	44	40	39	36
Reduction	44%	46%	36%	37%	39%	40%	38%	32%	31%	33%	44%	40%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
2" meter												
CCF	6,637	6,422	6,087	6,932	7,311	8,207	9,082	7,690	8,421	8,552	5,968	5,874
Customer	40	40	40	40	40	40	40	40	40	40	40	40
CCF/Customer	166	161	152	173	183	205	227	192	211	214	149	147
5-yr Avg	131	131	116	142	151	182	194	187	190	157	151	129
Reduction	-27%	-22%	-31%	-22%	-21%	-13%	-17%	-3%	-11%	-36%	1%	-14%
3" meter												
CCF	3,190	3,144	2,996	3,302	3,457	3,803	4,785	4,026	3,655	3,853	3,205	2,953
Customer	4	5	5	5	6	7	9	9	7	9	7	7
CCF/Customer	798	629	599	660	576	543	532	447	522	428	458	422
5-yr Avg	3	17	18	19	2	1	61	209	3	15	21	5
Reduction	-28900%	-3545%	-3324%	-3376%	-28708%	-65094%	-779%	-114%	-17305%	-2802%	-2080%	-8940%
4" meter												
CCF	521	526	482	559	558	647	705	532	605	551	491	475
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	521	526	482	559	558	647	705	532	605	551	491	475
5-yr Avg	586	367	361	391	500	516	533	512	633	463	421	110
Reduction	11%	-43%	-34%	-43%	-12%	-25%	-32%	-4%	4%	-19%	-17%	-331%
5/8" meter												
CCF	1,040	1,183	1,108	1,314	1,402	1,287	1,501	1,354	1,516	1,387	1,044	1,139
Customer	108	109	108	107	107	107	107	107	107	106	106	105
CCF/Customer	10	11	10	12	13	12	14	13	14	13	10	11
5-yr Avg	14	13	13	16	16	19	22	21	21	19	16	14
Reduction	29%	17%	20%	21%	16%	37%	37%	39%	33%	30%	37%	21%
8" meter												
CCF	330	371	315	350	409	475	506	409	434	400	316	283
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	330	371	315	350	409	475	506	409	434	400	316	283
three 1" meters												
CCF	87	89	90	120	109	103	132	101	119	108	127	121
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	87	89	90	120	109	103	132	101	119	108	127	121
5-yr Avg	232	208	209	228	237	271	285	258	284	228	215	180
Reduction	62%	57%	57%	47%	54%	62%	54%	61%	58%	53%	41%	33%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
CCF Industrial												
2" meter												
CCF	134	202	96	126	172	321	415	402	419	328	254	169
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	45	67	32	42	57	107	138	134	140	109	85	56
5-yr Avg	1,095	852	965	1,015	902	931	934	922	1,010	832	861	774
Reduction	96%	92%	97%	96%	94%	89%	85%	85%	86%	87%	90%	93%
3" meter												
CCF	819	940	849	977	987	1,038	1,092	850	869	924	822	701
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	819	940	849	977	987	1,038	1,092	850	869	924	822	701
4" meter												
CCF	1,016	1,138	955	871	895	892	1,003	786	1,072	1,279	487	713
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	1,016	1,138	955	871	895	892	1,003	786	1,072	1,279	487	713
5/8" meter												
CCF	6	11	8	10	9	15	13	16	21	11	10	11
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	6	11	8	10	9	15	13	16	21	11	10	11
5-yr Avg	21	10	7	10	10	11	17	11	14	8	9	6
Reduction	71%	-14%	-20%	3%	10%	-41%	25%	-50%	-47%	-43%	-11%	-83%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
CCF Residential												
1 1/2" meter												
TIER 1	8	8	8	8	8	8	8	8	8	8	8	8
TIER 2	1	3	4	4	5	6	6	4	6	6	6	1
TIER 3	-	-	-	-	-	2	3	-	31	11	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	9	11	12	12	13	16	17	12	45	25	14	9
1" meter												
TIER 1	8	8	9	10	18	16	20	19	22	22	8	11
TIER 2	-	-	-	1	6	6	6	6	6	6	-	2
TIER 3	-	-	-	-	7	8	7	3	16	1	-	-
Customer	2	2	2	3	3	3	3	4	3	4	3	3
CCF/Customer	4	4	5	4	10	10	11	7	15	8	3	4
5-yr Avg	7	7	7	8	11	24	31	23	64	21	13	7
Reduction	38%	42%	37%	52%	5%	58%	65%	69%	77%	65%	79%	38%
5/8" meter												
TIER 1	24,021	23,426	23,812	25,750	25,475	28,107	28,878	27,392	28,655	27,643	24,406	24,679
TIER 2	2,898	2,543	2,640	3,903	3,707	6,085	7,414	5,922	6,929	5,681	3,081	3,185
TIER 3	724	551	604	1,224	915	2,201	3,302	2,241	2,830	2,256	783	891
Customer	4685	4683	4682	4681	4690	4694	4691	4688	4695	4686	4690	4685
CCF/Customer	6	6	6	7	6	8	8	8	8	8	6	6
5-yr Avg	8	8	8	10	11	14	16	16	16	13	11	9
Reduction	30%	32%	25%	32%	40%	45%	48%	52%	49%	43%	45%	31%
Sprinkler 1" TO 3/4"												
TIER 1	8	8	8	8	8	8	8	8	8	8	8	5
TIER 2	1	1	2	-	2	2	6	1	2	3	-	-
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	9	9	10	8	10	10	14	9	10	11	8	5
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	138	132	153	150	168	177	185	175	184	177	158	147
TIER 2	22	17	28	32	39	56	64	56	65	54	27	25
TIER 3	13	5	4	14	55	34	30	23	30	36	41	14
Customer	27	26	26	26	26	26	26	26	26	26	28	28
CCF/Customer	6	6	7	8	10	10	11	10	11	10	8	7

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
LOS OSOS												
Irrigation												
1 1/2" meter												
CCF	-	19	-	19	-	45	-	49	-	53	-	49
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	-	6	-	6	-	15	-	16	-	18	-	16
5-yr Avg	-	90	-	100	-	97	-	138	-	148	-	100
Reduction		93%		94%		85%		88%		88%		84%
1" meter												
CCF	39	57	17	120	35	215	144	268	63	238	32	172
Customer	14	14	14	14	14	13	13	12	13	12	12	12
CCF/Customer	3	4	1	9	3	17	11	22	5	20	3	14
5-yr Avg	21	17	18	20	23	48	27	75	27	82	23	58
Reduction	87%	77%	93%	57%	89%	66%	58%	70%	82%	76%	89%	75%
2" meter												
CCF	55	-	57	121	20	211	30	200	23	217	39	130
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	28	-	29	61	10	106	15	100	12	109	20	65
5-yr Avg	11	26	7	59	15	186	35	413	37	365	32	154
Reduction	-148%	100%	-307%	-3%	35%	43%	57%	76%	69%	70%	38%	58%
3/4" meter												
CCF	8	1	5	-	26	-	154	-	18	-	17	2
Customer	1	1	1	1	1	2	3	3	3	3	3	3
CCF/Customer	8	1	5	-	26	-	51	-	6	-	6	1
5/8" meter												
CCF	-	7	-	56	1	26	16	158	21	31	81	24
Customer	20	20	20	19	18	18	18	18	18	18	18	18
CCF/Customer	-	0	-	3	0	1	1	9	1	2	5	1
5-yr Avg	-	6	-	8	-	14	-	23	-	24	-	14
Reduction		94%		65%		90%		61%		93%		90%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Public Authority - Metered												
1" meter												
CCF		31		28		29		32		48		28
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	-	16	-	14	-	15	-	16	-	24	-	14
5-yr Avg	-	35	-	47	-	52	-	66	-	46	-	37
Reduction		56%		70%		72%		76%		48%		63%
2" meter												
CCF	50	473	112	870	536	2,116	953	1,247	525	4,024	548	688
Customer	6	6	6	6	6	6	6	6	6	6	6	6
CCF/Customer	8	79	19	145	89	353	159	208	88	671	91	115
5-yr Avg	34	52	21	134	100	436	249	527	256	491	138	267
Reduction	75%	-50%	12%	-8%	10%	19%	36%	61%	66%	-36%	34%	57%
CCF Commercial												
1 1/2" meter												
CCF	74	112	19	108	89	500	95	201	112	716	84	255
Customer	7	7	6	7	7	7	7	7	7	7	7	7
CCF/Customer	11	16	3	15	13	71	14	29	16	102	12	36
5-yr Avg	40	48	24	53	30	117	50	206	45	171	33	123
Reduction	74%	66%	87%	71%	58%	39%	73%	86%	64%	40%	63%	70%
1" meter												
CCF	136	283	137	311	167	467	201	649	148	663	137	571
Customer	27	29	29	29	30	30	31	31	30	31	31	31
CCF/Customer	5	10	5	11	6	16	6	21	5	21	4	18
5-yr Avg	17	32	15	33	15	45	22	50	18	48	20	39
Reduction	70%	70%	69%	67%	64%	65%	70%	58%	73%	55%	78%	53%
2" meter												
CCF	489	1,462	356	1,710	658	2,419	686	2,238	680	2,828	655	2,168
Customer	21	20	19	19	19	19	19	20	19	20	20	20
CCF/Customer	23	73	19	90	35	127	36	112	36	141	33	108
5-yr Avg	39	60	33	67	55	143	68	212	68	199	65	140
Reduction	40%	-22%	44%	-34%	37%	11%	47%	47%	47%	29%	49%	23%
3" meter												
CCF	2,376		2,790		2,882		2,797		2,441		2,575	3
Customer	3	3	4	3	3	3	3	3	4	4	4	3
CCF/Customer	792	-	698	-	961	-	932	-	610	-	644	1
5-yr Avg	1,121	-	1,020	-	1,358	-	1,995	-	2,031	-	1,609	-
Reduction	29%		32%		29%		53%		70%		60%	

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
CCF	11	117	4	107	24	193	14	58	14	68	10	33
Customer	11	11	11	11	11	8	8	8	8	7	7	7
CCF/Customer	1	11	0	10	2	24	2	7	2	10	1	5
5-yr Avg	9	10	6	9	8	15	12	19	13	18	11	13
Reduction	88%	-9%	94%	-11%	73%	-66%	85%	62%	86%	45%	87%	65%
5/8" meter												
CCF	291	314	325	397	403	458	455	496	394	545	397	377
Customer	74	76	76	76	77	77	77	78	77	80	80	80
CCF/Customer	4	4	4	5	5	6	6	6	5	7	5	5
5-yr Avg	8	10	9	11	9	13	10	14	11	15	10	11
Reduction	50%	60%	53%	51%	42%	55%	43%	54%	53%	54%	50%	55%
two 2" meters												
CCF	498		483		486		757		559		524	
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	498	-	483	-	486	-	757	-	559	-	524	-
5-yr Avg	1,483	-	1,432	-	1,834	-	2,480	-	2,470	-	2,249	-
Reduction	66%		66%		74%		69%		77%		77%	
CCF Industrial												
1" meter												
CCF	57		124		10		72		74		74	
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	57	-	124	-	10	-	72	-	74	-	74	-
5-yr Avg	109	-	114	-	115	-	129	-	135	0	120	-
Reduction	48%		-9%		91%		44%		45%	100%	38%	
CCF Residential												
Reduction		100%		100%		100%		100%		100%		100%
1" meter												
TIER 1	1,059	848	976	865	1,240	1,050	1,295	1,125	1,320	1,072	1,253	1,005
TIER 2	188	187	188	188	187	186	186	187	187	184	185	185
TIER 3	127	29	118	273	217	729	596	1,039	499	869	465	302
Customer	189	189	189	188	188	187	186	187	187	187	187	188
CCF/Customer	7	6	7	7	9	11	11	13	11	11	10	8
5-yr Avg	19	11	17	13	28	27	40	37	40	37	31	20
Reduction	63%	50%	59%	46%	69%	61%	72%	66%	73%	69%	68%	61%
2" meter												
TIER 1							7		6		11	1,907
TIER 2							-		-		-	414
TIER 3							-		-		-	241
Customer						1	1	1	1	1	1	1
CCF/Customer						-	7	-	6	-	11	2,562

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
TIER 1	1,858	1,655	1,930	1,635	2,279	1,919	2,435	2,108	2,364	2,022	2,293	1,907
TIER 2	241	178	191	175	400	567	514	782	437	684	375	414
TIER 3	79	174	28	80	186	458	631	991	282	690	171	241
Customer	400	397	398	399	398	402	403	402	401	401	401	402
CCF/Customer	5	5	5	5	7	7	9	10	8	8	7	6
5-yr Avg	13	9	11	10	17	19	23	28	23	27	19	15
Reduction	57%	46%	53%	52%	58%	62%	61%	65%	67%	69%	63%	57%
5/8" meter												
TIER 1	10,034	8,315	10,036	8,888	10,801	10,453	12,440	10,849	11,742	10,897	11,782	9,475
TIER 2	455	623	523	831	804	2,160	1,342	2,832	1,048	2,760	963	1,232
TIER 3	207	329	244	414	324	1,181	1,120	2,132	450	1,555	377	648
Customer	2,457	2,451	2,453	2,455	2,454	2,455	2,452	2,454	2,456	2,454	2,451	2,451
CCF/Customer	4	4	4	4	5	6	6	6	5	6	5	5
5-yr Avg	8	7	8	8	9	12	12	14	12	14	10	9
Reduction	48%	48%	41%	45%	48%	53%	51%	54%	56%	54%	46%	51%
Sprinkler 1" TO 3/4"												
TIER 1	45	26	58	26	63	28	74	43	84	42	92	44
TIER 2	-	-	-	9	12	12	10	24	27	17	18	22
TIER 3	-	-	-	-	8	2	-	19	2	3	-	5
Customer	8	9	9	9	9	10	10	10	10	10	10	10
CCF/Customer	6	3	6	4	9	4	8	9	11	6	11	7
Sprinkler 1" TO 5/8" x 3/4"												
TIER 1	17		19		13		17		17		20	
TIER 2	-		-		-		-		-		-	
TIER 3	-		-		-		-		-		-	
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	9	-	10	-	7	-	9	-	9	-	10	-

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
OJAI												
Irrigation												
1 1/2" meter												
TIER 1	19		-		-			20		20		20
TIER 2	21		-		-			60		60		60
TIER 3	-		-		-			259		119		124
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	20	-	-	-	-	-	-	170	-	100	-	102
1" meter												
TIER 1	30		16		30			32		40		28
TIER 2	34		8		41			50		40		22
TIER 3	-		-		-			-		-		-
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	16	-	6	-	18	-	-	21	-	20	-	13
5-yr Avg	49	-	26	-	31	-	-	72	-	76	-	64
Reduction	68%		77%		43%			71%		74%		81%
2" meter												
TIER 1	5	5	5	6	5	5	5	5	5	5	5	5
TIER 2	15	15	15	17	15	15	15	15	15	15	15	15
TIER 3	19	16	14	10	6	19	21	12	17	24	15	15
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	39	36	34	32	26	39	41	32	37	44	35	35
5-yr Avg	26	12	15	8	46	23	72	39	69	47	51	23
Reduction	-51%	-198%	-125%	-316%	43%	-71%	43%	17%	46%	6%	32%	-51%
3/4" meter												
TIER 1	14	-	1	-	-	-	-	14	5	25	5	19
TIER 2	4	-	-	-	-	-	-	6	6	13	11	11
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	2	2	2	2	2	3	3	3	3	3	3	2
CCF/Customer	9	-	1	-	-	-	7	4	13	5	15	11
5-yr Avg	12	0	6	-	7	-	11	1	24	0	27	-
Reduction	25%	100%	92%		100%		39%	-424%	46%	-2567%	44%	
5/8" meter												
TIER 1	25	-	15	2	22	2	35	7	33	8	31	7
TIER 2	30	-	27	-	32	-	35	2	38	3	32	-
TIER 3	1	-	-	-	18	-	8	-	5	-	14	-
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	14	-	11	1	18	1	20	2	19	3	19	2
5-yr Avg	4	2	8	24	3	8	9	15	11	10	6	5
Reduction	-289%	100%	-25%	98%	-620%	94%	-110%	85%	-70%	72%	-216%	61%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Public Authority - Metered												
1 1/2" meter												
TIER 1	10	10	10	11	10	10	10	10	10	10	10	10
TIER 2	19	19	27	29	26	30	30	30	30	30	30	30
TIER 3	6	5	-	3	1	3	35	7	38	39	53	34
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	18	17	19	21	19	22	38	24	39	40	47	37
5-yr Avg	13	26	14	18	21	26	36	38	43	33	19	19
Reduction	-38%	34%	-33%	-14%	13%	18%	-5%	38%	8%	-19%	-140%	-93%
1" meter												
TIER 1	11	2	7	3	14	4	14	5	14	3	13	3
TIER 2	30	-	-	-	30	-	30	1	30	-	30	-
TIER 3	38	-	-	-	22	-	57	-	67	-	40	-
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	26	1	2	1	22	1	34	2	37	1	28	1
5-yr Avg	35	2	18	3	37	3	79	6	113	6	76	5
Reduction	26%	60%	87%	67%	41%	57%	57%	67%	67%	84%	63%	80%
2" meter												
TIER 1	46	45	42	46	41	42	40	40	40	40	40	40
TIER 2	134	121	91	106	95	106	116	117	113	120	120	100
TIER 3	718	589	465	643	568	940	663	819	796	866	736	607
Customer	10	10	10	10	10	10	10	10	10	10	10	10
CCF/Customer	90	76	60	80	70	109	82	98	95	103	90	75
5-yr Avg	78	67	64	67	104	140	145	198	205	196	159	131
Reduction	-16%	-12%	7%	-19%	33%	22%	44%	51%	54%	48%	44%	43%
3" meter												
TIER 1	5	5	1	3	2	5	5	5	5	5	5	5
TIER 2	15	15	-	-	-	15	15	15	15	15	15	15
TIER 3	248	39	-	-	-	388	167	165	401	382	459	268
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	268	59	1	3	2	408	187	185	421	402	479	288
3/4" meter												
TIER 1	6	5	3	6	5	5	5	5	5	5	5	4
TIER 2	7	7	-	10	7	8	1	4	6	2	1	-
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	13	12	3	16	12	13	6	9	11	7	6	4
5-yr Avg	28	31	34	32	32	48	51	48	49	54	43	39
Reduction	53%	61%	91%	50%	63%	73%	88%	81%	77%	87%	86%	90%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
TIER 1	18	15	16	13	13	13	16	16	17	15	21	12
TIER 2	18	15	16	17	15	15	15	16	19	15	23	15
TIER 3	9	2	9	14	15	14	26	22	17	22	15	20
Customer	5	5	5	5	5	5	5	5	5	5	5	5
CCF/Customer	9	6	8	9	9	8	11	11	11	10	12	9
5-yr Avg	0	1	0	4	1	0	0	0	0	1	1	0
Reduction	-2833%	-482%	-1950%	-121%	-975%	-2700%	-3700%	-10700%	-3433%	-1056%	-743%	-4600%
6" meter												
TIER 1	5	5	5	6	5	5	5	5	5	5	5	5
TIER 2	15	15	15	17	15	15	15	2	15	15	15	15
TIER 3	31	50	31	45	27	42	22	-	28	47	33	37
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	51	70	51	67	47	62	42	7	48	67	53	57
5-yr Avg	335	192	98	305	144	316	453	650	683	473	307	175
Reduction	85%	64%	48%	78%	67%	80%	91%	99%	93%	86%	83%	67%
CCF Commercial												
1 1/2" meter												
TIER 1	61	135	60	151	60	150	60	150	52	150	50	150
TIER 2	162	375	157	428	140	436	163	437	124	437	134	443
TIER 3	708	303	431	456	812	891	924	1,214	708	1,280	583	542
Customer	22	22	22	22	22	22	22	22	22	22	22	22
CCF/Customer	42	37	29	47	46	67	52	82	40	85	35	52
5-yr Avg	67	46	51	48	59	60	78	88	106	79	70	58
Reduction	36%	20%	42%	3%	22%	-11%	33%	7%	62%	-8%	50%	12%
1" meter												
TIER 1	382	301	377	300	391	293	404	310	412	306	434	301
TIER 2	694	580	504	605	686	665	703	767	702	742	706	674
TIER 3	636	646	135	977	543	1,318	1,010	1,921	1,055	1,920	640	895
Customer	77	77	77	77	77	77	77	76	77	78	77	77
CCF/Customer	22	20	13	24	21	30	27	39	28	38	23	24
5-yr Avg	27	22	23	25	30	45	44	71	53	65	39	34
Reduction	18%	8%	42%	1%	29%	35%	38%	45%	47%	41%	41%	29%
2" meter												
TIER 1	194	154	209	149	211	150	205	153	217	148	208	161
TIER 2	551	393	596	402	609	444	573	427	621	417	582	406
TIER 3	3,768	1,984	3,307	3,159	4,843	4,214	6,770	4,773	6,401	5,441	5,244	3,268
Customer	41	40	40	40	40	41	40	39	41	40	40	40
CCF/Customer	110	63	103	93	142	117	189	137	177	150	151	96
5-yr Avg	90	88	88	96	110	162	157	194	175	178	124	119
Reduction	-22%	28%	-17%	3%	-29%	28%	-20%	29%	-1%	16%	-22%	20%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December	
3" meter													
TIER 1		21	30	20	32	20	30	21	30	20	32	18	31
TIER 2		62	90	58	95	60	90	62	90	60	96	52	92
TIER 3		1,048	1,045	913	1,508	1,118	1,126	1,685	2,946	1,291	1,912	1,287	1,782
Customer		5	5	5	5	5	5	5	5	5	5	5	5
CCF/Customer		226	233	198	327	240	249	353	613	274	408	271	381
5-yr Avg		194	258	226	418	276	390	255	407	265	352	235	344
Reduction			10%	12%	22%	13%	36%	-38%	-50%	-3%	-16%	-16%	-11%
3/4" meter													
TIER 1		80	90	76	99	78	101	87	128	99	133	84	120
TIER 2		71	100	64	163	74	160	87	247	159	194	111	161
TIER 3		80	6	88	42	150	120	137	447	157	214	229	105
Customer		25	25	25	25	25	25	25	26	26	26	27	27
CCF/Customer		9	8	9	12	12	15	12	32	16	21	16	14
5-yr Avg		27	13	29	20	28	36	49	29	47	32	39	16
Reduction		66%	40%	69%	39%	57%	57%	75%	-10%	66%	35%	60%	8%
4" meter													
TIER 1		5	5	5	6	5	5	5	5	5	6	4	5
TIER 2		15	15	15	17	15	15	15	15	15	17	13	15
TIER 3		49	30	48	81	82	93	104	62	116	68	55	64
Customer		1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer		69	50	68	103	102	113	124	82	136	90	72	84
5-yr Avg		-	3	-	3	-	3	-	14	-	-	-	-
Reduction			-1567%		-3333%		-3667%		-486%				
5/8" meter													
TIER 1		827	148	804	151	870	162	910	165	870	177	899	175
TIER 2		982	163	739	162	955	212	1,178	239	1,207	268	1,111	253
TIER 3		765	37	889	27	1,375	76	1,503	107	1,362	123	1,537	141
Customer		157	159	160	161	160	161	161	163	161	162	164	163
CCF/Customer		16	2	15	2	20	3	22	3	21	4	22	3
5-yr Avg		19	4	17	4	26	5	28	7	27	8	24	5
Reduction		11%	41%	9%	50%	23%	41%	20%	57%	22%	55%	10%	28%
CCF Industrial													
1" meter													
TIER 1		17		17		20		20		20		17	
TIER 2		22		24		37		46		37		30	
TIER 3		-		-		-		28		26		18	
Customer		2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer						29	-	47					
5-yr Avg		37	-	48	-	49	-	115	-	44	-	34	-
Reduction		100%		100%		41%		59%		100%		100%	

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
TIER 1		4		5		6		8		(1)		3
Customer		2	2	2	2	2	2	2	2	2	2	2
CCF/Customer		2	-	3	-	3	-	4	-	(1)	-	2
5-yr Avg		5	-	6	-	5	0	5	-	5	-	4
Reduction		60%		55%		37%	100%	22%		111%		59%
CCF Residential												
1 1/2" meter												
TIER 1	480	259	419	256	487	286	500	282	468	287	489	255
TIER 2	381	163	291	155	341	244	381	239	350	240	350	194
TIER 3	1,295	195	480	331	726	440	1,224	594	1,596	498	1,288	221
Customer	32	32	32	32	32	32	32	32	32	32	32	32
CCF/Customer	67	19	37	23	49	30	66	35	75	32	66	21
5-yr Avg	55	32	34	31	57	55	86	80	121	69	90	39
Reduction	-23%	39%	-9%	26%	15%	45%	24%	56%	38%	54%	26%	46%
1" meter												
TIER 1	4,904	3,380	3,882	3,451	4,633	3,989	5,067	4,219	5,151	4,080	4,921	3,779
TIER 2	2,580	1,065	1,167	1,550	2,225	2,430	3,044	2,979	3,180	2,679	2,710	1,687
TIER 3	4,006	565	2,158	1,418	2,976	3,794	5,783	6,798	7,449	4,802	5,788	1,465
Customer	412	411	411	411	411	411	411	410	411	409	408	408
CCF/Customer	28	12	18	16	24	25	34	34	38	28	33	17
5-yr Avg	31	20	20	22	28	40	43	56	64	50	49	30
Reduction	10%	39%	14%	28%	16%	37%	21%	39%	40%	44%	33%	43%
2" meter												
TIER 1	492	51	501	93	514	91	533	91	554	65	565	117
TIER 2	383	36	394	63	430	84	458	84	461	60	439	108
TIER 3	1,980	108	784	306	1,991	477	2,829	595	3,284	552	3,169	425
Customer	25	25	25	25	25	25	25	25	25	25	25	25
CCF/Customer	114	8	67	18	117	26	153	31	172	27	167	26
5-yr Avg	103	24	70	27	98	60	169	74	230	69	177	36
Reduction	-10%	68%	3%	30%	-19%	56%	10%	58%	25%	61%	6%	28%
3/4" meter												
TIER 1	1,730	2,802	1,363	3,169	1,686	3,516	1,913	3,608	1,850	3,525	1,811	3,024
TIER 2	593	771	241	1,117	494	1,802	810	2,063	827	1,783	701	893
TIER 3	525	325	94	1,000	213	2,014	524	2,908	1,011	2,336	937	623
Customer	260	260	261	261	261	261	261	260	260	260	261	261
CCF/Customer	11	15	7	20	9	28	12	33	14	29	13	17
5-yr Avg	15	20	10	21	14	38	22	57	30	50	22	28
Reduction	27%	23%	35%	4%	36%	27%	43%	42%	52%	42%	41%	39%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
TIER 1	8,569	13,643	7,421	13,864	8,621	16,315	10,272	18,309	9,856	17,597	9,275	14,713
TIER 2	1,288	936	832	920	1,172	2,129	2,113	3,756	2,110	2,918	1,505	1,196
TIER 3	853	610	556	399	1,072	982	1,735	1,367	1,801	1,177	1,309	438
Customer	1,744	1,741	1,741	1,741	1,737	1,733	1,733	1,733	1,733	1,735	1,734	1,737
CCF/Customer	6	9	5	9	6	11	8	14	8	13	7	9
5-yr Avg	8	12	7	12	10	19	14	26	16	24	12	15
Reduction	23%	28%	29%	29%	35%	40%	42%	47%	51%	48%	43%	37%
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	7		10		7		10		8		6	
TIER 2	-		-		-		-		-		-	
TIER 3	-		-		-		-		-		-	
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	7	-	10	-	7	-	10	-	8	-	6	-
SANTA MARIA												
Irrigation												
1 1/2" meter												
CCF	110	190	190	362	461	724	935	779	831	626	455	160
Customer	9	9	9	9	9	9	9	9	9	9	9	9
CCF/Customer	12	21	21	40	51	80	104	87	92	70	51	18
5-yr Avg	147	109	121	142	174	298	281	285	316	208	191	220
Reduction	92%	81%	82%	72%	71%	73%	63%	70%	71%	67%	74%	92%
1" meter												
CCF	437	278	381	430	585	637	752	731	1,032	1,096	823	811
Customer	15	15	15	15	15	14	14	14	14	14	14	14
CCF/Customer	29	19	25	29	39	46	54	52	74	78	59	58
5-yr Avg	36	35	24	55	58	80	93	75	97	80	69	75
Reduction	18%	47%	-8%	48%	33%	43%	42%	31%	24%	2%	15%	23%
2" meter												
CCF	848	622	1,148	1,921	2,781	3,361	3,898	4,017	4,430	3,531	2,426	1,153
Customer	22	22	22	22	22	22	22	22	22	22	22	22
CCF/Customer	39	28	52	87	126	153	177	183	201	161	110	52
5-yr Avg	54	74	58	128	175	252	321	324	334	249	176	146
Reduction	28%	62%	11%	32%	28%	39%	45%	44%	40%	36%	37%	64%
3" meter												
CCF	602	12	327	874	1,305	1,288	1,468	7,382	2,910	3,113	2,004	145
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	201	4	109	291	435	429	489	2,461	970	1,038	668	48
5-yr Avg	70	125	79	142	173	233	665	686	672	484	328	257
Reduction	-186%	97%	-37%	-106%	-152%	-84%	26%	-259%	-44%	-114%	-104%	81%

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	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
CCF	61	41	46	46	49	55	71	61	67	62	80	75
Customer	2	2	2	2	2	2	2	2	1	1	1	1
CCF/Customer	31	21	23	23	25	28	36	31	67	62	80	75
5-yr Avg	11	10	12	9	7	7	7	10	8	8	11	13
Reduction	-167%	-114%	-90%	-146%	-236%	-306%	-384%	-206%	-774%	-675%	-629%	-475%
4" meter												
CCF	49	93	484	356	837	922	1,158	838	923	827	539	12
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	49	93	484	356	837	922	1,158	838	923	827	539	12
5-yr Avg	351	627	397	708	863	583	1,662	1,716	1,680	1,211	820	642
Reduction	86%	85%	-22%	50%	3%	-58%	30%	51%	45%	32%	34%	98%
5/8" meter												
CCF	83	25	123	175	200	217	266	260	304	261	211	162
Customer	4	4	4	4	4	4	4	4	4	4	5	5
CCF/Customer	21	6	31	44	50	54	67	65	76	65	42	32
5-yr Avg	9	7	8	15	17	23	25	24	22	17	17	19
Reduction	-124%	16%	-300%	-200%	-196%	-140%	-169%	-176%	-241%	-278%	-146%	-72%
Other Sales and Services												
3" meter												
CCF	55	46	-	-	-	48	-	14	3	41	-	-
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	28	23	-	-	-	24	-	7	2	21	-	-
5-yr Avg	75	141	96	312	318	380	386	568	378	100	60	628
Reduction	63%	84%	100%	100%	100%	94%	100%	99%	100%	80%	100%	100%
Public Authority - Metered												
1" meter												
CCF	10	6	24	43	36	38	42	35	42	39	36	30
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	10	6	24	43	36	38	42	35	42	39	36	30
5-yr Avg	23	10	17	20	29	46	62	59	65	49	36	47
Reduction	56%	41%	-45%	-111%	-26%	17%	32%	40%	35%	21%	1%	36%
2" meter												
CCF	766	627	881	1,414	2,826	3,402	3,400	3,073	4,281	4,024	2,368	1,209
Customer	9	9	9	9	9	9	9	9	9	9	9	9
CCF/Customer	85	70	98	157	314	378	378	341	476	447	263	134
5-yr Avg	280	252	278	346	501	662	648	694	803	681	567	485
Reduction	70%	72%	65%	55%	37%	43%	42%	51%	41%	34%	54%	72%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	531	(452)	127	220	379	259	518	854	618	623	263	145
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	531	(452)	127	220	379	259	518	854	618	623	263	145
5-yr Avg	463	336	431	283	597	776	971	974	980	753	689	501
Reduction	-15%	235%	71%	22%	37%	67%	47%	12%	37%	17%	62%	71%
5/8" meter												
CCF	15	12	12	22	19	26	26	17	21	16	17	12
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	15	12	12	22	19	26	26	17	21	16	17	12
5-yr Avg	17	16	18	25	25	36	40	34	37	24	26	20
Reduction	11%	27%	35%	12%	24%	27%	35%	50%	43%	33%	35%	40%
6" meter												
CCF	332	595	551	943	944	1,233	1,444	1,056	1,402	1,281	1,180	881
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	332	595	551	943	944	1,233	1,444	1,056	1,402	1,281	1,180	881
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		65%	64%	62%	76%		68%	73%	66%	61%	47%	67%
CCF Commercial												
1 1/2" meter												
CCF	1,957	1,063	1,892	1,836	2,202	2,934	3,341	3,268	3,421	2,808	2,245	1,990
Customer	41	41	41	41	41	41	41	41	41	41	41	41
CCF/Customer	48	26	46	45	54	72	81	80	83	68	55	49
5-yr Avg	40	36	32	48	60	84	96	98	104	88	76	63
Reduction	-19%	27%	-43%	6%	11%	15%	16%	19%	20%	22%	28%	23%
1" meter												
CCF	2,500	2,047	2,577	2,853	3,519	3,959	4,512	4,203	4,881	4,126	3,040	2,842
Customer	144	144	144	143	143	144	144	144	144	145	145	145
CCF/Customer	17	14	18	20	25	27	31	29	34	28	21	20
5-yr Avg	25	27	24	32	39	53	61	59	63	51	42	41
Reduction	31%	46%	26%	37%	37%	49%	49%	51%	47%	44%	50%	52%
2" meter												
CCF	7,610	6,243	9,322	12,538	17,517	20,073	23,988	21,628	24,268	22,205	15,067	10,710
Customer	119	120	120	120	121	121	121	121	121	121	121	122
CCF/Customer	64	52	78	104	145	166	198	179	201	184	125	88
5-yr Avg	102	110	92	153	198	260	290	291	309	250	198	182
Reduction	37%	53%	16%	32%	27%	36%	32%	39%	35%	26%	37%	52%

CONSERVATION USAGE DATA
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	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	1,270	1,545	1,032	1,209	2,423	25,400	9,299	2,274	2,753	2,482	4,945	4,248
Customer	6	6	6	5	5	5	5	5	5	5	5	5
CCF/Customer	212	258	172	242	485	5,080	1,860	455	551	496	989	850
5-yr Avg	305	270	243	373	494	605	624	627	713	593	438	464
Reduction	31%	5%	29%	35%	2%	-740%	-198%	28%	23%	16%	-126%	-83%
3/4" meter												
CCF	359	496	398	249	280	372	380	361	403	361	299	276
Customer	27	30	30	30	30	30	30	30	30	30	30	30
CCF/Customer	13	17	13	8	9	12	13	12	13	12	10	9
5-yr Avg	11	12	10	16	17	22	28	25	26	21	18	18
Reduction	-17%	-33%	-33%	46%	47%	44%	55%	52%	48%	42%	44%	50%
4" meter												
CCF	606	500	529	616	606	663	684	573	642	575	574	585
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	303	250	265	308	303	332	342	287	321	288	287	293
5-yr Avg	77	53	58	12	43	491	6	2	129	296	181	167
Reduction	-296%	-376%	-356%	-2467%	-609%	32%	-5300%	-12179%	-148%	3%	-59%	-75%
5/8" meter												
CCF	1,761	1,429	2,002	2,473	2,531	2,792	3,301	2,744	3,099	2,802	2,096	1,946
Customer	180	181	181	181	180	181	179	179	181	179	178	178
CCF/Customer	10	8	11	14	14	15	18	15	17	16	12	11
5-yr Avg	14	14	13	16	19	23	27	25	27	22	19	20
Reduction	31%	45%	16%	14%	25%	34%	32%	40%	37%	30%	40%	46%
6" meter												
CCF	1,074	(141)	1,296	1,221	2,138	2,304	3,096	3,127	3,016	2,306	1,399	678
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	537	(71)	648	611	1,069	1,152	1,548	1,564	1,508	1,153	700	339
8" meter												
CCF	1,076	85	1,288	1,226	1,654	1,840	2,100	1,841	2,364	2,044	1,741	1,466
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	359	28	429	409	551	613	700	614	788	681	580	489
5-yr Avg	487	482	322	499	638	807	952	918	994	825	559	620
Reduction	26%	94%	-33%	18%	14%	24%	26%	33%	21%	17%	-4%	21%

CONSERVATION USAGE DATA
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	January	February	March	April	May	June	July	August	September	October	November	December
CCF Industrial												
1" meter												
CCF	12	10	20	27	16	49	26	20	27	24	30	23
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	12	10	20	27	16	49	26	20	27	24	30	23
5-yr Avg	8	9	10	11	10	11	8	7	10	8	8	9
Reduction	-43%	-11%	-96%	-137%	-57%	-354%	-217%	-170%	-170%	-216%	-266%	-156%
5/8" meter												
CCF	10	12	17	15	14	14	17	14	14	15	12	4
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	3	3	4	4	4	4	4	4	4	4	3	1
5-yr Avg	1	1	1	2	1	1	1	1	2	1	1	1
Reduction	-179%	-111%	-375%	-130%	-202%	-177%	-286%	-192%	-75%	-213%	-200%	11%
CCF Residential												
1 1/2" meter												
TIER 1	52	46	63	72	77	74	76	73	76	74	75	68
TIER 2	13	10	36	41	40	37	48	39	37	41	36	36
TIER 3	78	32	153	87	127	210	277	210	253	225	102	68
Customer	6	6	6	6	6	6	6	6	6	7	7	7
CCF/Customer	24	15	42	33	41	54	67	54	61	49	30	25
5-yr Avg	15	29	28	37	43	56	63	62	74	59	46	33
Reduction	-63%	49%	-50%	11%	6%	5%	-7%	13%	18%	18%	34%	25%
1" meter												
TIER 1	9,084	7,379	9,489	10,739	11,743	12,536	12,909	12,422	13,773	12,440	11,192	9,875
TIER 2	1,504	921	2,040	3,057	4,431	5,542	6,378	5,714	6,557	5,633	3,750	2,478
TIER 3	1,658	627	1,480	2,545	5,478	8,781	12,051	9,163	11,055	8,512	3,823	2,194
Customer	1,004	1,004	1,005	1,009	1,009	1,008	1,010	1,009	1,006	1,008	1,008	1,010
CCF/Customer	12.20	9	13	16	21	27	31	27	31	26	19	14
5-yr Avg	23	24	20	31	41	59	69	63	67	53	42	32
Reduction	47%	64%	36%	48%	48%	55%	55%	57%	54%	50%	56%	56%
2" meter												
TIER 1	127	102	124	131	129	126	119	127	141	129	128	124
TIER 2	68	52	77	69	86	86	84	95	93	87	78	71
TIER 3	190	106	412	339	693	796	1,121	984	1,047	782	490	229
Customer	10	10	10	10	10	10	10	10	10	10	10	9
CCF/Customer	39	26	61	54	91	101	132	121	128	100	70	47
5-yr Avg	61	53	48	68	65	85	101	91	101	95	87	76
Reduction	36%	51%	-26%	21%	-40%	-19%	-31%	-32%	-27%	-5%	20%	38%

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	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
TIER 1	4,589	3,519	4,403	5,141	5,511	6,167	6,505	6,168	7,019	6,131	5,428	5,044
TIER 2	437	205	515	764	1,012	1,685	2,288	1,862	2,240	1,752	1,074	758
TIER 3	181	181	318	456	822	1,134	2,814	1,859	2,253	1,540	572	343
Customer	589	590	592	590	592	592	594	593	592	599	601	599
CCF/Customer	9	7	9	11	12	15	20	17	19	16	12	10
5-yr Avg	15	14	13	18	23	32	37	36	37	31	24	19
Reduction	40%	54%	32%	38%	45%	53%	47%	54%	48%	49%	52%	46%
5/8" meter												
TIER 1	93,982	77,141	89,699	103,900	111,244	123,025	130,002	121,764	135,508	120,333	105,279	96,027
TIER 2	7,473	4,637	8,255	13,746	19,433	30,123	38,867	30,462	35,308	28,863	15,796	11,667
TIER 3	2,613	1,462	2,453	4,949	8,414	14,164	21,655	14,758	18,357	13,871	5,941	4,639
Customer	11,354	11,359	11,353	11,359	11,363	11,358	11,355	11,369	11,358	11,343	11,341	11,341
CCF/Customer	9	7	9	11	12	15	17	15	17	14	11	10
5-yr Avg	14	14	13	17	21	27	31	29	30	24	21	17
Reduction	34%	49%	31%	38%	41%	46%	45%	50%	45%	41%	46%	42%
Sprinkler 1" TO 3/4"												
TIER 1	210	182	192	227	233	246	262	247	326	281	263	213
TIER 2	2	-	10	17	21	19	29	25	29	34	29	9
TIER 3	-	-	-	-	-	-	-	-	-	2	5	-
Customer	27	27	27	27	27	27	27	35	29	34	34	34
CCF/Customer	8	7	7	9	9	10	11	8	12	9	9	7

CONSERVATION USAGE DATA
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	January	February	March	April	May	June	July	August	September	October	November	December
SIMI VALLEY												
Irrigation												
1 1/2" meter												
CCF	389	675	720	1,733	712	5,435	914	9,815	1,109	11,669	863	10,671
Customer	11	11	11	23	24	24	24	27	24	28	28	28
CCF/Customer	35	61	65	75	30	226	38	364	46	417	31	381
5-yr Avg	92	93	60	77	107	126	144	157	194	144	126	106
Reduction	62%	34%	-9%	2%	72%	-79%	74%	-132%	76%	-190%	76%	-259%
1" meter												
CCF	104	69	107	139	144	207	298	256	450	271	261	220
Customer	8	8	8	8	8	8	8	8	8	8	8	8
CCF/Customer	13	9	13	17	18	26	37	32	56	34	33	28
5-yr Avg	21	27	21	29	27	37	42	41	46	36	31	27
Reduction	37%	68%	37%	40%	33%	30%	12%	21%	-23%	5%	-5%	-2%
2" meter												
CCF	1,778	1,428	2,190	2,879	3,188	5,095	4,724	6,053	5,510	6,807	4,025	4,535
Customer	40	40	41	41	41	41	41	41	41	41	41	41
CCF/Customer	44	36	53	70	78	124	115	148	134	166	98	111
5-yr Avg	107	107	74	114	142	178	206	224	252	195	167	135
Reduction	58%	67%	28%	39%	45%	30%	44%	34%	47%	15%	41%	18%
3" meter												
CCF	112	249	193	288	397	481	829	914	1,649	752	542	523
Customer	11	11	11	23	24	24	24	27	24	28	28	28
CCF/Customer	10	23	18	13	17	20	35	34	69	27	19	19
5/8" meter												
CCF		41		48		65		98		111		71
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	-	21	-	24	-	33	-	49	-	56	-	36
5-yr Avg	-	19	-	30	-	44	-	43	-	35	1	43
Reduction		-7%		20%		26%		-13%		-60%		17%

CONSERVATION USAGE DATA
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	January	February	March	April	May	June	July	August	September	October	November	December
Public Authority - Metered												
1 1/2" meter												
CCF	454	218	512	382	555	1,278	940	1,239	1,614	1,394	1,026	739
Customer	15	15	15	15	15	15	15	15	15	15	15	15
CCF/Customer	30	15	34	25	37	85	63	83	108	93	68	49
5-yr Avg	35	34	26	36	54	83	99	116	118	93	64	54
Reduction	14%	58%	-31%	28%	32%	-2%	36%	29%	9%	0%	-6%	9%
1" meter												
CCF	85	37	145	137	262	300	366	446	444	439	376	259
Customer	18	18	18	18	18	18	18	18	18	18	17	17
CCF/Customer	5	2	8	8	15	17	20	25	25	24	22	15
5-yr Avg	14	16	8	15	23	31	37	38	44	35	26	21
Reduction	67%	87%	-2%	50%	36%	47%	44%	34%	44%	30%	16%	29%
2" meter												
CCF	2,399	2,008	3,720	2,620	4,703	5,446	6,326	7,085	8,849	8,250	6,388	4,690
Customer	47	47	47	47	47	47	47	47	47	47	46	46
CCF/Customer	51	43	79	56	100	116	135	151	188	176	139	102
5-yr Avg	96	103	67	120	159	236	268	266	314	236	176	146
Reduction	47%	59%	-18%	54%	37%	51%	50%	43%	40%	26%	21%	30%
3" meter												
CCF	2,578	3,690	3,178	2,505	3,297	3,805	4,601	4,710	7,928	6,590	5,194	3,039
Customer	7	7	7	7	7	7	7	7	7	7	7	7
CCF/Customer	368	527	454	358	471	544	657	673	1,133	941	742	434
4" meter												
CCF	3,118	2,336	3,584	2,212	3,754	4,748	6,814	6,391	7,808	6,533	4,811	3,030
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	780	584	896	553	939	1,187	1,704	1,598	1,952	1,633	1,203	758
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	25%	42%	-30%	46%	33%	38%	21%	19%	21%	7%	23%	37%
5/8" meter												
CCF	54	37	51	46	94	82	103	112	132	129	124	93
Customer	20	20	20	20	20	20	20	20	20	20	20	20
CCF/Customer	3	2	3	2	5	4	5	6	7	6	1	1
5-yr Avg	5	7	6	6	9	11	16	14	17	13	8	9
Reduction	45%	72%	55%	62%	48%	62%	67%	61%	62%	48%	88%	88%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
CCF Commercial												
1 1/2" meter												
CCF	4,659	1,340	4,643	1,693	4,973	2,059	6,084	2,363	6,249	3,837	5,716	2,960
Customer	88	88	93	88	88	90	88	88	88	89	89	89
CCF/Customer	53	15	50	19	57	23	69	27	71	43	64	33
5-yr Avg	73	29	64	29	75	40	92	43	102	41	81	35
Reduction	27%	47%	22%	33%	25%	43%	25%	37%	31%	-5%	20%	4%
1" meter												
CCF	2,009	2,552	2,002	2,993	2,007	3,358	2,582	3,477	2,639	3,794	2,347	3,359
Customer	115	128	138	120	117	132	117	121	117	126	135	138
CCF/Customer	17	20	15	25	17	25	22	29	23	30	17	24
5-yr Avg	23	31	20	33	23	40	28	45	32	41	26	36
Reduction	25%	36%	26%	24%	27%	37%	22%	36%	29%	26%	34%	33%
2" meter												
CCF	12,394	15,514	12,191	18,401	14,335	24,157	20,547	26,408	23,211	30,643	19,075	24,047
Customer	282	280	280	281	281	281	281	281	281	282	282	281
CCF/Customer	44	55	44	65	51	86	73	94	83	109	68	86
5-yr Avg	79	101	60	105	96	146	133	165	154	153	107	119
Reduction	45%	45%	28%	38%	47%	41%	45%	43%	46%	29%	37%	28%
3" meter												
CCF	1,732	3,970	3,424	3,597	2,074	2,850	3,252	3,287	4,194	4,516	3,666	3,152
Customer	11	12	10	10	11	12	13	14	13	13	12	13
CCF/Customer	157	331	342	360	189	238	250	235	323	347	306	242
5-yr Avg	169	163	144	166	146	175	198	195	206	155	156	149
Reduction	7%	-103%	-137%	-117%	-29%	-36%	-27%	-20%	-56%	-124%	-96%	-63%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
CCF		217		206		188		213		229		218
Customer		4	4	4	4	4	4	4	4	4	4	4
CCF/Customer		54	-	52	-	47	-	53	-	57	-	55
5-yr Avg		58	-	60	-	59	-	71	-	77	-	70
Reduction		7%		15%		21%		25%		26%		23%
4" meter												
CCF	45.00	478	161	104	141	174	192	159	167	197	250	187
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	45	478	161	104	141	174	192	159	167	197	250	187
5/8" meter												
CCF	822	843	794	917	937	983	1,216	1,179	1,157	1,099	1,153	917
Customer	103	103	105	106	104	104	104	104	104	104	102	100
CCF/Customer	8	8	8	9	9	9	12	11	11	11	11	9
5-yr Avg	11	12	10	13	14	15	18	17	19	16	15	13
Reduction	30%	29%	25%	31%	35%	39%	34%	34%	43%	36%	23%	31%
6" meter												
CCF	1,874	1,730	2,101	2,519	3,140	3,989	4,367	2,657	3,411	3,031	2,212	2,383
Customer	3	3	4	4	4	4	4	3	3	3	3	3
CCF/Customer	625	577	525	630	785	997	1,092	886	1,137	1,010	737	794
5-yr Avg	863	895	791	939	1,046	1,315	1,457	1,434	1,488	1,236	1,033	959
Reduction	28%	36%	34%	33%	25%	24%	25%	38%	24%	18%	29%	17%
8" meter												
CCF	189	117	216	160	138	176	256	222	269	235	228	233
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	189	117	216	160	138	176	256	222	269	235	228	233
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	84%	89%	77%	86%	88%	87%	83%	85%	84%	81%	82%	79%
three 2" meters												
CCF	134	156	162	177	162	41	42	41	43	42	47	39
Customer	2	2	2	2	1	1	1	1	1	1	1	1
CCF/Customer	67	78	81	89	162	41	42	41	43	42	47	39
5-yr Avg	324	272	258	341	329	355	378	386	512	377	409	302
Reduction	79%	71%	69%	74%	51%	88%	89%	89%	92%	89%	89%	87%

CONSERVATION USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
CCF Industrial												
1 1/2" meter												
CCF	33	38	49	54	43	51	48	44	46	56	51	60
Customer	9	9	9	9	9	9	9	9	9	9	9	9
CCF/Customer	4	4	5	6	5	6	5	5	5	6	6	7
5-yr Avg	10	10	9	7	8	15	9	9	12	11	12	8
Reduction	64%	60%	38%	9%	42%	62%	42%	47%	58%	45%	53%	16%
1" meter												
CCF	29	112	48	114	70	103	74	132	74	126	72	84
Customer	6	6	6	6	6	6	6	6	6	6	6	6
CCF/Customer	5	19	8	19	12	17	12	22	12	21	12	14
5-yr Avg	1	86	1	107	1	150	3	172	2	121	4	70
Reduction	-452%	78%	-540%	82%	-1196%	89%	-393%	87%	-484%	83%	-238%	80%
2" meter												
CCF	434	393	534	601	539	709	763	681	780	784	593	585
Customer	13	13	13	13	13	13	13	13	13	13	13	13
CCF/Customer	33	30	41	46	41	55	59	52	60	60	46	45
5-yr Avg	50	53	44	50	53	64	71	71	84	61	60	48
Reduction	33%	43%	7%	7%	22%	14%	17%	26%	29%	2%	25%	7%
CCF Residential												
1 1/2" meter												
TIER 1	52	9	52	5	52	5	52	56	52	4	52	27
TIER 2	28	-	28	-	28	-	28	23	28	(12)	28	-
TIER 3	209	-	114	-	130	-	156	103	183	(103)	196	-
Customer	3	3	3	3	3	3	5	5	5	4	4	4
CCF/Customer	96	3	65	2	70	2	47	36	53	(28)	69	7
5-yr Avg	48	11	36	10	45	15	61	11	64	26	55	9
Reduction	-102%	72%	-79%	83%	-57%	89%	23%	-239%	18%	205%	-26%	22%
1" meter												
TIER 1	292	249	273	407	337	635	393	1,041	355	1,267	377	1,326
TIER 2	35	59	33	55	45	104	85	219	94	249	82	183
TIER 3	14	113	7	55	20	116	94	199	126	345	69	143
Customer	30	30	30	75	78	78	93	93	93	93	93	93
CCF/Customer	11	14	10	7	5	11	6	16	6	20	6	18
5-yr Avg	13	21	12	20	14	28	19	34	20	32	16	25
Reduction	11%	32%	10%	65%	64%	60%	68%	54%	70%	38%	64%	29%

CONSERVATION USAGE DATA
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	January	February	March	April	May	June	July	August	September	October	November	December
2" meter												
TIER 1		23	26	23	26	26	26	25	26	24	26	26
TIER 2		-	14	-	14	1	14	-	14	-	14	1
TIER 3		-	20	-	15	-	21	-	22	-	20	-
Customer		2	2	2	2	2	2	2	2	2	2	2
CCF/Customer		12	30	12	28	14	31	13	31	12	30	14
5-yr Avg		72	71	47	79	87	108	113	132	128	125	89
Reduction		84%	58%	76%	65%	84%	72%	89%	76%	91%	76%	85%
3/4" meter												
TIER 1			18		22	26	27	26	31	26	32	26
TIER 2			-		-	14	-	11	14	-	14	4
TIER 3			-		-	23	-	-	2	-	2	-
Customer		1	1	3	3	3	3	3	3	4	4	4
CCF/Customer		-	18	-	7	21	9	12	16	7	12	8
5-yr Avg			31		38		67		89		65	
Reduction			42%		0%	81%	0%	87%	0%	82%	0%	60%
5/8" meter												
TIER 1	112,573	85,746	103,266	91,428	117,435	103,467	132,664	111,884	132,040	112,093	127,921	96,178
TIER 2	10,580	5,520	6,963	7,160	12,713	13,350	25,886	21,418	26,015	21,651	21,644	9,932
TIER 3	3,672	2,156	1,977	2,631	4,244	4,826	12,167	12,065	12,920	11,393	9,404	3,300
Customer	12,284	12,277	12,275	12,284	12,280	12,285	12,290	12,290	12,284	12,289	12,277	12,287
CCF/Customer	10	8	9	8	11	10	14	12	14	12	13	9
5-yr Avg	15	12	13	12	17	17	23	20	25	19	19	14
Reduction	32%	35%	32%	29%	36%	40%	41%	41%	44%	36%	30%	38%
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	337	500	316	565	341	576	345	598	354	589	332	608
TIER 2	3	18	0	30	19	24	21	48	17	44	15	40
TIER 3	-	-	-	3	1	-	17	5	14	25	5	23
Customer	73	73	73	72	71	73	73	73	73	73	73	73
CCF/Customer	5	7	4	8	5	8	5	9	5	9	5	9

CONSERVATION USAGE DATA
2016

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
Government Agencies												
2" meter												
CCF	15	11	14	18	15	19	16	16	18	18	17	15
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	5	4	5	6	5	6	5	5	6	6	6	5
5-yr Avg	55	76	51	62	78	82	76	74	110	99	92	89
Reduction	91%	95%	91%	90%	94%	92%	93%	93%	95%	94%	94%	94%
6" meter												
CCF	201	184	825	569	1,808	282	462	344	600	636	387	444
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer		184	825	569	1,808	282	462	344	600	636	387	444
Irrigation												
1 1/2" meter												
CCF	1853	1,623	1,886	2,137	2,253	2,901	4,277	4,045	4,072	4,506	3,364	2,417
Customer	82	82	81	82	83	83	83	83	83	83	83	83
CCF/Customer	23	20	23	26	27	35	52	49	49	54	41	29
5-yr Avg	46	16	40	11	49	20	81	25	102	28	91	18
Reduction	50%	-23%	42%	-132%	45%	-78%	36%	-96%	52%	-97%	56%	-64%
1" meter												
CCF	1,623	1,329	1,510	1,936	2,149	3,312	2,610	3,018	3,340	2,996	2,939	2,592
Customer	128	129	129	129	130	130	130	132	130	136	137	136
CCF/Customer	13	10	12	15	17	25	20	23	26	22	21	19
5-yr Avg	17	27	15	25	18	37	28	45	28	46	25	36
Reduction	24%	62%	24%	40%	6%	31%	29%	49%	9%	52%	14%	47%
2" meter												
CCF	8,872	7,897	10,314	11,905	14,231	15,506	19,541	18,383	21,225	18,551	14,977	11,135
Customer	187	188	186	186	186	188	188	189	188	189	189	190
CCF/Customer	47	42	55	64	77	82	104	97	113	98	79	59
5-yr Avg	95	75	68	71	106	117	154	141	183	149	122	99
Reduction	50%	44%	18%	9%	28%	30%	33%	31%	38%	34%	35%	41%
3" meter												
CCF	26	295	203	260	149	368	1,390	872	865	407	912	165
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	9	98	68	87	50	123	463	291	288	136	304	55
5-yr Avg	204	212	108	224	339	621	669	624	730	628	346	188

CONSERVATION USAGE DATA

2016

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
CCF	48	16	49	32	51	53	58	55	43	57	35	56
Customer	5	5	5	5	3	3	3	3	3	3	3	3
CCF/Customer	10	3	10	6	17	18	19	18	14	19	12	19
5-yr Avg	6	38	5	40	8	31	10	33	12	58	10	59
Reduction	-55%	92%	-85%	84%	-124%	42%	-99%	44%	-17%	67%	-22%	69%
Reduction	96%	54%	37%	61%	85%	80%	31%	53%	60%	78%	12%	71%
4" meter												
CCF	379	119	268	272	241	386	332	275	375	218	361	297
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	379	119	268	272	241	386	332	275	375	218	361	297
5/8" meter												
CCF	698	505	544	613	809	919	1,259	1,256	1,119	1,097	979	1,111
Customer	76	75	76	75	76	76	76	75	75	79	80	80
CCF/Customer	9	7	7	8	11	12	17	17	15	14	12	14
5-yr Avg	12	11	10	13	12	14	20	17	21	21	16	17
Reduction	23%	40%	29%	36%	11%	11%	15%	-1%	27%	33%	26%	18%
two 2" meters												
CCF	17	10	13	24	40	31	35	28	55	33	7	21
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	17	10	13	24	40	31	35	28	55	33	7	21
5-yr Avg	95	109	75	117	159	166	185	152	182	165	148	130
Reduction	82%	91%	83%	79%	75%	81%	81%	82%	70%	80%	95%	84%
Other Sales and Services												
5/8" meter												
CCF	5	4	3	6	4	4	4	4	4	5	3	5
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	5	4	3	6	4	4	4	4	4	5	3	5
5-yr Avg	0	10.2	0	14	0	22.4	0	26	37	26.8	0	17.4
Reduction		61%		57%		82%		85%	89%	81%		71%

CONSERVATION USAGE DATA
2016

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
Public Authority - Metered												
1 1/2" meter												
CCF	1,090	777	1,167	1,283	1,621	1,710	1,983	1,997	2,795	2,092	2,552	1,630
Customer	74	74	70	70	70	70	70	70	70	70	70	70
CCF/Customer	15	11	17	18	23	24	28	29	40	30	36	23
5-yr Avg	18	24	15	28	27	42	37	49	44	43	26	33
Reduction	18%	57%	-9%	35%	15%	42%	24%	41%	10%	31%	-42%	30%
1" meter												
CCF	290	207	323	335	481	632	726	762	866	1,009	730	588
Customer	79	78	78	78	78	78	78	78	78	78	78	78
CCF/Customer	4	3	4	4	6	8	9	10	11	13	9	8
5-yr Avg	10	7	8	9	13	13	14	13	16	13	14	9
Reduction	63%	62%	47%	52%	51%	38%	34%	27%	32%	-1%	33%	18%
10" meter												
CCF	4,759	5,375	4,669	5,382	12,046	10,957	15,500	14,621	14,361	12,405	9,179	8,405
Customer	2	2	2	2	3	3	3	3	3	3	3	3
CCF/Customer	2,380	2,688	2,335	2,691	4,015	3,652	5,167	4,874	4,787	4,135	3,060	2,802
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	48%	-19%	17%	19%	29%	15%	-19%	-5%	-1%	8%	24%	39%
2" meter												
CCF	8,663	7,727	9,688	10,325	12,709	15,415	17,827	17,686	19,242	18,995	15,187	11,459
Customer	264	260	258	260	260	258	259	258	258	258	258	258
CCF/Customer	33	30	38	40	49	60	69	69	75	74	59	44
5-yr Avg	51	43	40	42	59	65	91	84	105	72	70	46
Reduction	36%	31%	5%	6%	17%	9%	24%	19%	29%	-3%	15%	4%
3" meter												
CCF	17,337	14,095	15,578	13,788	24,468	27,977	34,826	33,166	46,215	47,160	31,900	22,195
Customer	125	125	124	124	125	125	125	126	126	126	127	127
CCF/Customer	139	113	126	111	196	224	279	263	367	374	251	175
5-yr Avg	185	186	184	222	294	379	438	448	434	388	272	215
Reduction	25%	40%	32%	50%	33%	41%	36%	41%	15%	4%	8%	19%
4" meter												
CCF	12,851	8,666	11,657	13,970	18,146	24,092	28,581	26,132	29,966	24,244	15,405	13,795
Customer	43	43	43	43	43	43	43	43	43	43	43	43
CCF/Customer	299	202	271	325	422	560	665	608	697	564	358	321
5-yr Avg	403	299	596	472	1,752	(104)	1,611	1,576	1,799	933	591	599
Reduction	26%	32%	55%	31%	76%	639%	59%	61%	61%	40%	39%	46%

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REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
5/8" meter												
CCF	465	311	315	407	362	450	438	373	412	381	330	401
Customer	31	31	31	31	31	31	31	31	31	31	31	31
CCF/Customer	15	10	10	13	12	15	14	12	13	12	11	13
5-yr Avg	15	13	11	13	13	16	16	18	15	19	27	21
Reduction	-1%	22%	7%	-2%	8%	9%	10%	32%	12%	36%	61%	39%
6" meter												
CCF	1,385	1,757	1,845	2,436	2,669	4,644	5,357	5,363	3,576	4,211	2,518	1,248
Customer	7	7	7	7	7	7	7	7	7	7	7	7
CCF/Customer	198	251	264	348	381	663	765	766	511	602	360	178
5-yr Avg	83	108	92	90	125	147	103	80	129	133	131	81
Reduction	-140%	-132%	-186%	-288%	-205%	-353%	-641%	-860%	-295%	-353%	-174%	-120%
8" meter												
CCF	-	-	-	2	-	-	-	-	-	-	4	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	-	-	-	2	-	-	-	-	-	-	4	-
5-yr Avg	390	386	395	515	421	540	484	539	556	468	362	418
Reduction	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%
one 3" and one 5/8" meter												
CCF	96	118	104	166	40	45	54	129	241	202	261	116
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	96	118	104	166	40	45	54	129	241	202	261	116
5-yr Avg	121	167	186	170	183	224	194	199	230	207	186	148
Reduction	21%	29%	44%	2%	78%	80%	72%	35%	-5%	2%	-40%	22%
three 2" meters												
CCF	107	90	122	140	(35)	69	43	21	39	76	58	49
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	54	45	61	70	(18)	35	22	11	20	38	29	25
5-yr Avg	119	141	108	179	267	343	372	397	444	327	199	175
Reduction	55%	68%	44%	61%	107%	90%	94%	97%	96%	88%	85%	86%

CONSERVATION USAGE DATA
2016

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
two 2" meters												
CCF	7,207	5,572	6,037	6,476	2,758	3,393	4,812	4,447	4,634	3,512	2,933	2,175
Customer	15	15	15	14	12	12	12	11	11	11	10	10
CCF/Customer	480	371	402	463	230	283	401	404	421	319	293	218
5-yr Avg	243	251	258	246	332	396	478	544	523	457	395	313
Reduction	-97%	-48%	-56%	-88%	31%	29%	16%	26%	19%	30%	26%	30%
Water Commercial												
1 1/2" meter												
CCF	115,182	101,563	103,052	117,074	108,474	109,626	123,760	109,578	125,125	119,086	108,751	111,655
Customer	2,584	2,583	2,584	2,584	2,588	2,588	2,583	2,584	2,586	2,583	2,588	2,587
CCF/Customer	45	39	40	45	42	42	48	42	48	46	42	43
5-yr Avg	48	63	43	62	46	65	50	70	52	70	47	65
Reduction	6%	37%	8%	26%	10%	35%	5%	39%	7%	34%	12%	33%
1" meter												
CCF	130,439	114,561	117,044	132,906	127,089	131,110	148,802	130,608	148,597	140,740	128,204	130,639
Customer	6,286	6,289	6,291	6,292	6,285	6,295	6,297	6,306	6,301	6,302	6,307	6,300
CCF/Customer	21	18	19	21	20	21	24	21	24	22	20	21
5-yr Avg	26	26	24	26	25	28	29	30	29	30	26	28
Reduction	19%	30%	21%	18%	21%	26%	17%	32%	20%	26%	22%	25%
2" meter												
CCF	322,524	281,452	290,492	329,050	303,518	309,368	344,355	312,007	351,251	337,891	304,609	311,798
Customer	3,035	3,032	3,033	3,036	3,035	3,040	3,049	3,056	3,047	3,062	3,064	3,058
CCF/Customer	106	93	96	108	100	102	113	102	115	110	99	102
5-yr Avg	136	139	127	137	135	145	146	154	153	153	138	144
Reduction	22%	33%	25%	21%	26%	30%	23%	34%	25%	28%	28%	29%
3" meter												
CCF	65,265	64,030	62,882	73,086	71,541	74,028	81,945	72,474	77,209	83,985	74,158	71,623
Customer	227	228	234	235	234	237	233	239	239	252	253	246
CCF/Customer	288	281	269	311	306	312	352	303	323	333	293	291
5-yr Avg	452	440	371	424	401	484	466	478	474	480	426	410
Reduction	36%	36%	28%	27%	24%	36%	25%	37%	32%	31%	31%	29%
3/4" meter												
CCF	2,201	1,929	2,202	2,561	2,331	2,361	2,916	2,731	2,750	2,782	2,476	2,576
Customer	143	143	145	145	146	149	149	148	148	147	148	146
CCF/Customer	15	13	15	18	16	16	20	18	19	19	17	18
5-yr Avg	17	24	16	24	21	27	24	28	22	30	18	26
Reduction	12%	44%	4%	26%	22%	42%	20%	35%	16%	36%	8%	31%

CONSERVATION USAGE DATA
2016

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
4" meter												
CCF	35,349	30,465	31,200	37,187	34,593	39,300	42,554	41,064	42,088	43,659	32,560	27,882
Customer	53	53	52	53	54	54	54	54	54	54	54	55
CCF/Customer	667	575	600	702	641	728	788	760	779	809	603	507
5-yr Avg	708	805	610	806	699	960	951	981	1,329	985	961	816
Reduction	6%	29%	2%	13%	8%	24%	17%	22%	41%	18%	37%	38%
5/8" meter												
CCF	213,816	185,261	187,262	214,000	201,984	211,021	234,387	207,827	238,147	219,446	197,359	207,412
Customer	12,988	12,977	12,989	12,977	12,973	13,003	12,998	12,992	12,999	12,993	12,991	12,993
CCF/Customer	16	14	14	16	16	16	18	16	18	17	15	16
5-yr Avg	18	21	16	21	18	23	20	25	21	24	18	22
Reduction	6%	32%	12%	20%	13%	29%	10%	35%	12%	31%	15%	27%
6" meter												
CCF	34,061	32,170	22,535	27,517	19,544	22,394	28,713	27,356	26,985	27,663	25,635	21,595
Customer	16	15	15	15	15	15	15	16	15	16	16	16
CCF/Customer	2,129	2,145	1,502	1,834	1,303	1,493	1,914	1,710	1,799	1,729	1,602	1,350
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	43%	50%	56%	54%	65%	59%	47%	54%	49%	49%	57%	54%
8" meter												
CCF	4,383	4,570	4,043	4,954	4,071	3,535	3,993	3,855	3,652	3,093	3,185	2,846
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	2,192	2,285	2,022	2,477	2,036	1,768	1,997	1,928	1,826	1,547	1,593	1,423
5-yr Avg	662	577	369	483	513	614	604	670	511	542	426	440
Reduction	-231%	-296%	-448%	-413%	-296%	-188%	-230%	-188%	-257%	-185%	-273%	-223%
one 3" and one 5/8" meter												
CCF	348	339	294	334	352	312	423	343	350	282	306	295
Customer	3	3	2	2	2	2	2	2	2	2	2	2
CCF/Customer	116	113	147	167	176	156	212	172	175	141	153	148
5-yr Avg	553	629	453	598	559	603	571	604	602	592	484	564
Reduction	79%	82%	68%	72%	69%	74%	63%	72%	71%	76%	68%	74%
three 2" meters												
CCF	534	308	536	731	497	632	803	914	729	765	499	368
Customer	2	2	2	2	2	2	2	2	2	2	1	1
CCF/Customer	267	154	268	366	249	316	402	457	365	383	499	368
5-yr Avg	203	342	128	355	234	329	180	479	314	393	190	360
Reduction	-31%	55%	-110%	-3%	-6%	4%	-123%	5%	-16%	3%	-162%	-2%
two 2" meters												
CCF	32,672	28,794	29,797	32,829	27,416	27,517	29,212	23,767	27,789	27,771	24,756	21,848
Customer	55	55	52	50	49	47	47	46	46	46	46	44
CCF/Customer	594	524	573	657	560	585	622	517	604	604	538	497
5-yr Avg	713	683	669	667	745	747	780	816	812	732	723	703
Reduction	17%	23%	14%	2%	25%	22%	20%	37%	26%	18%	26%	29%

CONSERVATION USAGE DATA
2016

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
Water Industrial												
1 1/2" meter												
CCF	736	759	769	906	863	858	1012	960	1031	1671	915	875
Customer	32	32	32	32	31	31	31	31	31	31	31	31
CCF/Customer	23	24	24	28	28	28	33	31	33	54	30	28
5-yr Avg	39	30	39	30	41	33	44	36	47	37	46	35
Reduction	41%	22%	39%	6%	33%	17%	26%	15%	29%	-46%	35%	19%
1" meter												
CCF	622	764	836	857	762	815	968	803	928	902	767	823
Customer	53	53	53	53	53	53	52	52	53	52	50	52
CCF/Customer	12	14	16	16	14	15	19	15	18	17	15	16
5-yr Avg	14	22	14	19	17	21	16	22	18	23	24	22
Reduction	13%	34%	-10%	14%	17%	27%	-17%	30%	5%	24%	36%	30%
2" meter												
CCF	8,158	8,697	8,293	10,535	9,062	9,594	10,664	9,302	9,886	10,330	8,332	6,813
Customer	82	82	82	81	81	80	79	79	79	79	80	80
CCF/Customer	99	106	101	130	112	120	135	118	125	131	104	85
5-yr Avg	157	80	149	89	179	117	191	128	203	123	172	111
Reduction	37%	-32%	32%	-46%	38%	-2%	29%	8%	38%	-7%	39%	23%
3" meter												
CCF	3901	7713	5647	7043	6419	6759	7986	6954	7151	7133	5869	5325
Customer	23	24	24	24	24	24	24	24	24	24	24	24
CCF/Customer	170	321	235	293	267	282	333	290	298	297	245	222
5-yr Avg	304	308	299	283	332	338	353	412	436	411	376	321
Reduction	44%	-5%	21%	-4%	19%	17%	6%	30%	32%	28%	35%	31%
3/4" meter												
CCF				27	28	11	10	12	10	9	7	15
Customer				1	2	2	2	2	2	2	2	2
CCF/Customer				27	14	6	5	6	5	5	4	8
4" meter												
CCF	9170	10541	10240	12261	10185	7777	13144	10134	10573	8740	16407	10722
Customer	10	10	10	10	10	10	10	10	10	10	10	10
CCF/Customer	917	1,054	1,024	1,226	1,019	778	1,314	1,013	1,057	874	1,641	1,072
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	-17%	19%	0%	-14%	6%	27%	-20%	7%	13%	19%	-39%	-5%
5/8" meter												
CCF	310	265	252	324	466	408	406	438	387	406	294	244
Customer	35	35	35	35	34	34	34	34	34	34	34	34
CCF/Customer	9	8	7	9	14	12	12	13	11	12	9	7
5-yr Avg	13	10	12	11	11	10	14	11	15	11	14	13
Reduction	32%	27%	38%	15%	-21%	-16%	17%	-12%	23%	-6%	38%	43%

CONSERVATION USAGE DATA
2016

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
6" meter												
CCF	974	826	1717	1315	1403	1530	1681	969	1914	2660	2165	1939
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Customer	325	275	572	438	468	510	560	323	638	887	722	646
5-yr Avg	8,387	2,055	9,434	2,228	8,680	1,931	2,652	3,245	7,290	8,312	4,986	4,100
Reduction	96%	87%	94%	80%	95%	74%	79%	90%	91%	89%	86%	84%
two 2" meters												
CCF	263	174	190	217	252	124	135	152	137	122	90	16
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	263	174	190	217	252	124	135	152	137	122	90	16
5-yr Avg	572	278	413	170	444	229	440	387	590	505	313	238
Reduction	54%	37%	54%	-28%	43%	46%	69%	61%	77%	76%	71%	93%
Water Residential												
1 1/2" meter												
TIER 1	1,265	1,224	1,231	1,308	1,270	1,239	1,296	1,229	1,307	1,266	1,226	1,215
TIER 2	337	329	332	347	338	350	380	335	368	367	330	320
TIER 3	2,461	2,302	2,225	3,035	2,437	2,372	2,806	2,207	2,767	2,632	2,429	2,199
Customer	137	138	139	139	139	138	138	136	136	135	133	132
CCF/Customer	30	28	27	34	29	29	32	28	33	32	30	28
5-yr Avg	60	26	51	24	59	29	65	30	67	31	61	27
Reduction	50%	-8%	47%	-39%	51%	0%	50%	7%	51%	-2%	51%	-3%
1" meter												
TIER 1	32,721	28,978	29,614	33,062	32,032	32,190	34,210	32,566	35,485	34,006	32,190	32,548
TIER 2	3,492	2,770	2,979	3,883	3,796	3,910	4,868	4,365	5,025	4,673	3,755	3,757
TIER 3	6,519	5,206	5,597	7,363	6,982	7,541	7,959	8,485	10,363	9,660	7,344	7,222
Customer	4,517	4,528	4,537	4,553	4,564	4,569	4,577	4,591	4,573	4,627	4,636	4,655
CCF/Customer	9	8	8	10	9	10	10	10	11	10	9	9
5-yr Avg	13	13	12	12	14	15	16	17	17	17	14	14
Reduction	29%	35%	30%	21%	32%	35%	36%	41%	33%	37%	34%	33%
2" meter												
TIER 1	191	184	198	169	201	205	161	199	190	177	188	209
TIER 2	49	49	53	43	59	62	41	59	51	49	51	63
TIER 3	678	632	696	998	927	1,104	771	781	802	628	578	644
Customer	28	28	28	28	29	29	28	29	26	31	33	32
CCF/Customer	33	31	34	43	41	47	35	36	40	28	25	29
5-yr Avg	22	12	21	11	28	18	31	14	34	14	31	14
Reduction	-46%	-163%	-58%	-284%	-44%	-163%	-12%	-162%	-20%	-97%	19%	-99%

CONSERVATION USAGE DATA
2016

REGION 2	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
TIER 1	6,254	5,605	5,742	6,553	6,238	6,488	7,035	6,215	7,099	6,803	6,128	6,228
TIER 2	364	288	298	440	435	544	689	566	676	651	396	402
TIER 3	521	447	223	462	366	506	755	610	710	655	317	355
Customer	939	942	940	947	948	947	949	949	946	950	950	953
CCF/Customer	8	7	7	8	7	8	9	8	9	9	7	7
5-yr Avg	11	11	10	10	11	12	13	13	14	13	11	11
Reduction	30%	36%	32%	19%	31%	34%	33%	42%	34%	37%	35%	34%
5/8" meter												
TIER 1	507,936	450,387	463,101	516,200	507,589	526,956	573,638	530,028	566,091	545,824	496,939	492,397
TIER 2	44,358	35,874	37,195	53,304	52,250	60,661	82,155	66,450	77,173	71,057	48,157	47,647
TIER 3	46,197	35,569	35,591	53,279	49,504	56,133	91,135	69,473	82,774	75,222	48,613	47,615
Customer	67,951	67,968	67,965	67,967	67,957	67,978	67,979	67,962	67,976	67,945	67,963	67,955
CCF/Customer	9	8	8	9	9	9	11	10	11	10	9	9
5-yr Avg	12	10	11	10	13	13	15	14	16	14	13	11
Reduction	26%	26%	27%	11%	28%	24%	28%	32%	34%	26%	33%	24%
Sprinkler 1" to 3/4"												
TIER 1	74	73	61	88	66	66	65	56	71	73	69	73
TIER 2	-	-	-	-	-	-	-	-	-	-	-	-
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	14	14	14	14	14	13	14	14	13	14	14	14
CCF/Customer	5	5	4	6	5	5	5	4	5	5	5	5
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	537	462	498	541	544	582	692	593	635	670	610	649
TIER 2	54	40	41	38	55	59	96	72	81	74	55	63
TIER 3	48	29	32	37	48	78	52	100	100	102	53	56
Customer	84	86	89	90	91	96	96	96	97	97	97	106
CCF/Customer	8	6	6	7	7	7	9	8	8	9	7	7

CONSERVATION USAGE DATA
2016

REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
Government Agencies												
1" meter												
CCF	120		87		151		251		282		239	
Customer	1	1	1	1	1	1	1	2	1	2	2	2
CCF/Customer	120	-	87	-	151	-	251	-	282	-	120	-
5-yr Avg	290	376	329	429	433	516	514	503	486	354	411	227
Reduction	59%	100%	74%	100%	65%	100%	51%	100%	42%	100%	71%	100%
2" meter												
CCF	193	321	361	328	290	312	318	255	392	353	345	218
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	193	321	361	328	290	312	318	255	392	353	345	218
5-yr Avg	290	376	329	429	433	516	514	503	486	354	411	227
Reduction	33%	15%	-10%	24%	33%	39%	38%	49%	19%	0%	16%	4%
Navy												
TIER 1	2,748	2,669	5,726	6,232	5,137	9,130	8,243	5,870	7,096	5,482	4,485	4,201
TIER 2	-	-	-	-	591	282	3,344	-	3,082	-	-	-
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	2,748	2,669	5,726	6,232	5,728	9,412	11,587	5,870	10,178	5,482	4,485	4,201
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	62%	68%	36%	51%	70%	62%	62%	79%	64%	74%	69%	54%
Irrigation												
1 1/2" meter												
CCF	3,809	1,735	3,710	2,717	7,099	4,911	11,792	7,063	15,956	6,419	11,755	3,841
Customer	101	100	100	102	102	103	104	110	102	110	110	109
CCF/Customer	38	17	37	27	70	48	113	64	156	58	107	35
5-yr Avg	45	20	28	21	60	46	116	62	140	51	77	26
Reduction	15%	11%	-31%	-28%	-16%	-3%	2%	-4%	-12%	-13%	-38%	-34%
1" meter												
CCF	2,639	1,898	2,663	2,465	3,844	3,285	5,478	4,244	6,697	4,715	5,889	3,369
Customer	199	201	203	208	213	214	213	219	214	224	224	225
CCF/Customer	13	9	13	12	18	15	26	19	31	21	26	15
5-yr Avg	20	15	15	14	22	22	32	26	40	29	30	22
Reduction	32%	38%	14%	14%	20%	30%	20%	26%	22%	27%	12%	30%
2" meter												
CCF	21,994	14,959	19,286	20,996	35,465	35,363	50,123	50,617	65,598	50,831	54,141	32,812
Customer	395	395	398	404	414	412	415	424	416	432	432	432
CCF/Customer	56	38	48	52	86	86	121	119	158	118	125	76
5-yr Avg	92	69	71	67	117	139	204	190	246	178	165	105
Reduction	39%	45%	31%	22%	27%	38%	41%	37%	36%	34%	24%	27%

CONSERVATION USAGE DATA
2016

REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	485	397	764	872	1,280	2,329	3,868	3,535	4,105	2,955	1,930	2,504
Customer	7	7	7	7	8	8	9	9	8	9	9	9
CCF/Customer	69	57	109	125	160	291	430	393	513	328	214	278
5-yr Avg	237	279	185	365	598	752	796	1,069	891	746	543	280
Reduction	71%	80%	41%	66%	73%	61%	46%	63%	42%	56%	60%	1%
3/4" meter												
CCF	11	20	8	32	11	119	24	131	31	175	23	107
Customer	4	4	4	4	5	5	5	5	5	5	5	5
CCF/Customer	3	5	2	8	2	24	5	26	6	35	5	21
5-yr Avg	12	8	7	5	11	19	19	36	10	14	14	10
Reduction	77%	34%	71%	-48%	79%	-25%	74%	28%	41%	-152%	67%	-123%
5/8" meter												
CCF	524	333	276	555	496	668	747	953	919	1,021	688	770
Customer	79	79	79	83	88	88	88	90	88	92	92	92
CCF/Customer	7	4	3	7	6	8	8	11	10	11	7	8
5-yr Avg	9	6	10	7	11	8	13	10	15	11	13	8
Reduction	29%	30%	64%	-2%	50%	3%	34%	-5%	32%	3%	43%	-10%
two 2" meters												
CCF	1,419	1,162	1,630	1,435	1,941	1,763	2,280	1,590	2,515	1,736	2,286	1,265
Customer	2	2	2	2	2	2	2	2	2	3	4	5
CCF/Customer	710	581	815	718	971	882	1,140	795	1,258	579	572	253
5-yr Avg	1,023	634	978	762	1,263	897	1,905	583	1,351	1,264	1,159	494
Reduction	31%	8%	17%	6%	23%	2%	40%	-36%	7%	54%	51%	49%
Other Sales and Services												
1" meter												
CCF	118	94	36	96	82	95	139	98	156	102	97	96
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	59	47	18	48	41	48	70	49	78	51	49	48
5-yr Avg	-	40	-	54	-	54	17	82	8	66	33	88
Reduction		-17%		11%		12%	-315%	40%	-923%	22%	-48%	45%
2" meter												
CCF		235		294		382		454		510		340
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	-	235	-	294	-	382	-	454	-	510	-	340
5-yr Avg	55	238	34	221	77	242	46	349	(10)	377	30	297
Reduction	100%	1%	100%	-33%	100%	-58%	100%	-30%	100%	-35%	100%	-15%

CONSERVATION USAGE DATA
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REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
3" meter												
CCF	3	5	4	4	4	4	4	6	3	3	3	2
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	2	3	2	2	2	2	2	3	2	2	2	1
5-yr Avg	19	63	35	90	137	98	155	122	115	262	82	69
Reduction	92%	96%	94%	98%	99%	98%	98%	99%	99%	99%	98%	99%
5/8" meter												
CCF	31	23	29	29	52	49	54	61	63	58	52	60
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	16	12	15	15	26	25	27	31	32	29	26	30
5-yr Avg	66	21	39	19	73	42	90	45	90	40	84	28
Reduction	77%	45%	63%	25%	65%	42%	70%	33%	65%	28%	69%	-7%
Resale												
2" meter												
CCF	-	152	15	220	-	327	-	558	-	648	-	279
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	-	76	8	110	-	164	-	279	-	324	-	140
5-yr Avg	-	230	164	500	-	476	-	606	-	588	-	344
Reduction		67%	95%	78%		66%		54%		45%		59%
6" meter												
CCF	1,759	1,639	2,008	2,012	2,209	2,280	2,585	2,600	2,807	2,193	2,302	2,137
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	1,759	1,639	2,008	2,012	2,209	2,280	2,585	2,600	2,807	2,193	2,302	2,137
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	24%	34%	4%	21%	24%	21%	27%	25%	28%	29%	14%	14%
Public Authority - Metered												
1 1/2" meter												
CCF	595	446	516	730	741	1,179	1,346	1,291	1,463	1,640	998	1,121
Customer	37	36	36	36	36	36	35	35	36	36	36	36
CCF/Customer	16	12	14	20	21	33	38	37	41	46	28	31
5-yr Avg	24	25	20	32	32	57	57	66	61	64	40	39
Reduction	32%	50%	27%	37%	35%	43%	32%	45%	33%	29%	31%	19%
1" meter												
CCF	548	840	841	1,058	1,106	2,019	2,162	2,531	1,832	2,440	1,425	2,029
Customer	105	106	106	106	106	106	106	106	106	106	105	105
CCF/Customer	5	8	8	10	10	19	20	24	17	23	14	19
5-yr Avg	11	12	9	13	13	24	21	29	28	31	19	19
Reduction	51%	34%	9%	25%	21%	21%	5%	16%	38%	26%	30%	-2%

CONSERVATION USAGE DATA
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REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
2" meter												
CCF	10,460	7,657	10,319	13,615	17,953	23,279	31,107	31,699	34,240	28,909	21,310	15,097
Customer	235	234	233	232	232	232	232	232	232	232	233	233
CCF/Customer	45	33	44	59	77	100	134	137	148	125	91	65
5-yr Avg	74	65	60	78	122	162	208	197	242	169	135	94
Reduction	40%	50%	26%	24%	37%	38%	35%	31%	39%	26%	32%	31%
3" meter												
CCF	13,205	13,069	19,521	22,078	30,286	36,277	51,846	63,820	57,688	44,022	30,583	23,436
Customer	91	91	90	90	90	90	90	90	88	88	88	88
CCF/Customer	145	144	217	245	337	403	576	709	656	500	348	266
5-yr Avg	318	287	262	363	518	706	877	810	957	740	515	440
Reduction	54%	50%	17%	32%	35%	43%	34%	12%	31%	32%	32%	39%
3/4" meter												
CCF	20	4	9	23	72	39	146	108	48	52	92	57
Customer	12	12	12	12	12	12	12	12	12	12	12	12
CCF/Customer	2	0	1	2	6	3	12	9	4	4	8	5
5-yr Avg	6	4	5	5	8	16	19	21	22	21	12	11
Reduction	70%	92%	83%	64%	29%	79%	37%	56%	82%	79%	38%	58%
4" meter												
CCF	7,768	9,215	12,183	17,439	23,676	31,801	34,775	39,023	41,625	37,039	28,462	15,815
Customer	32	32	32	32	32	32	32	32	34	33	33	33
CCF/Customer	243	288	381	545	740	994	1,087	1,219	1,224	1,122	862	479
5-yr Avg	402	629	379	656	878	1,294	1,610	1,551	1,639	1,286	857	610
Reduction	40%	54%	0%	17%	16%	23%	33%	21%	25%	13%	-1%	21%
5/8" meter												
CCF	247	85	98	77	162	184	218	184	201	218	218	219
Customer	45	45	45	45	45	45	45	45	45	45	45	44
CCF/Customer	5	2	2	2	4	4	5	4	4	5	5	5
5-yr Avg	4	4	4	6	6	7	6	10	9	12	7	8
Reduction	-26%	54%	51%	71%	36%	43%	24%	58%	51%	60%	28%	35%
6" meter												
CCF	7,723	5,336	10,903	9,910	11,579	13,679	19,345	22,652	23,873	19,175	15,826	12,683
Customer	10	10	10	10	10	10	10	11	11	11	11	11
CCF/Customer	772	534	1,090	991	1,158	1,368	1,935	2,059	2,170	1,743	1,439	1,153
5-yr Avg	879	765	1,000	1,390	1,824	2,780	3,214	2,873	2,985	2,116	1,489	1,046
Reduction	12%	30%	-9%	29%	37%	51%	40%	28%	27%	18%	3%	-10%
8" meter												
CCF	5,634	5,458	7,570	7,488	11,152	10,932	13,120	15,525	16,790	14,798	11,060	9,285
Customer	4	4	4	4	4	4	4	4	4	4	4	4
CCF/Customer	1,409	1,365	1,893	1,872	2,788	2,733	3,280	3,881	4,198	3,700	2,765	2,321
5-yr Avg	2,095	2,525	1,756	3,191	3,602	4,172	5,769	5,511	5,858	4,580	3,464	2,760
Reduction	33%	46%	-8%	41%	23%	34%	43%	30%	28%	19%	20%	16%

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REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
two 2" meters												
CCF	1,009	2,272	2,079	3,389	4,040	5,157	8,973	4,953	5,806	4,921	3,346	2,314
Customer	5	5	5	5	5	5	5	4	4	4	4	4
CCF/Customer	202	454	416	678	808	1,031	1,795	1,238	1,452	1,230	837	579
5-yr Avg	262	242	186	292	491	620	770	784	842	659	442	373
Reduction	23%	-88%	-123%	-132%	-64%	-66%	-133%	-58%	-72%	-87%	-89%	-55%
two 3" meters												
CCF	1,037											
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	1,037	-	-	-	-	-	-	-	-	-	-	-
5-yr Avg	351	523	390	552	697	999	1,118	1,161	1,305	1,136	788	704
Reduction	-195%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Water Commercial												
1 1/2" meter												
CCF	31,292	42,144	28,444	43,831	34,520	47,428	39,906	52,457	41,149	53,775	36,197	46,999
Customer	721	722	720	720	721	722	722	716	722	716	718	719
CCF/Customer	43	58	40	61	48	66	55	73	57	75	50	65
5-yr Avg	51	70	45	69	53	59	68	90	75	88	60	77
Reduction												
1" meter												
CCF	55,926	55,878	52,653	59,828	59,522	63,569	69,421	70,830	71,833	73,128	67,883	65,519
Customer	2,469	2,475	2,478	2,476	2,474	2,480	2,488	2,486	2,485	2,484	2,485	2,490
CCF/Customer	23	23	21	24	24	26	28	28	29	29	27	26
5-yr Avg	32	29	28	29	32	33	40	38	43	37	36	33
Reduction	28%	23%	25%	16%	26%	22%	31%	24%	33%	21%	23%	21%

CONSERVATION USAGE DATA
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REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
2" meter												
CCF	208,182	174,190	198,342	198,779	246,276	234,309	306,656	278,732	326,581	281,944	278,694	218,762
Customer	2,239	2,243	2,240	2,236	2,227	2,228	2,225	2,215	2,221	2,208	2,210	2,213
CCF/Customer	93	78	89	89	111	105	138	126	147	128	126	99
5-yr Avg	134	108	116	110	153	157	211	175	234	167	178	129
3" meter												
CCF	62,543	61,933	75,325	82,101	75,891	88,127	98,028	99,372	104,520	102,206	93,530	73,312
Customer	241	239	238	241	242	245	242	241	244	242	250	247
CCF/Customer	260	259	316	341	314	360	405	412	428	422	374	297
5-yr Avg	369	379	370	429	457	489	585	539	612	504	473	397
Reduction	30%	32%	14%	21%	31%	26%	31%	24%	30%	16%	21%	25%
3/4" meter												
CCF	1,824	1,381	1,666	1,425	1,777	1,472	2,192	1,846	2,569	1,902	2,110	1,767
Customer	101	102	102	102	105	104	104	104	104	104	104	104
CCF/Customer	18	14	16	14	17	14	21	18	25	18	20	17
5-yr Avg	24	17	22	15	24	20	29	23	32	20	25	17
Reduction												
4" meter												
CCF	31,733	27,458	33,800	36,028	38,282	40,038	46,565	46,525	52,481	50,702	44,133	36,202
Customer	78	78	78	78	80	80	80	80	80	80	80	80
CCF/Customer	407	352	433	462	479	500	582	582	656	634	552	453
5-yr Avg	677	639	611	661	801	856	1,175	987	1,229	926	851	717
Reduction	40%	45%	29%	30%	40%	42%	50%	41%	47%	32%	35%	37%
5/8" meter												
CCF	36,119	33,635	33,434	34,375	36,780	37,236	42,612	41,253	43,700	43,225	40,910	37,483
Customer	2,792	2,780	2,781	2,784	2,787	2,802	2,802	2,813	2,802	2,803	2,805	2,808
CCF/Customer	13	12	12	12	13	13	15	15	16	15	15	13
5-yr Avg	19	15	17	15	20	18	24	21	26	20	21	16
Reduction	33%	19%	30%	18%	33%	27%	36%	32%	39%	23%	31%	18%
6" meter												
CCF	23,004	22,898	27,316	28,084	31,739	36,145	42,878	42,687	45,636	40,687	33,253	29,880
Customer	44	44	44	44	44	44	44	44	44	44	44	44
CCF/Customer	523	520	621	638	721	821	975	970	1,037	925	756	679
5-yr Avg	858	920	759	1,092	1,402	1,690	2,102	1,900	2,030	1,477	1,213	961
Reduction	39%	43%	18%	42%	49%	51%	54%	49%	49%	37%	38%	29%
8" meter												
CCF	8,968	14,035	3,248	9,690	15,184	15,191	17,274	18,761	15,646	12,132	8,552	8,076
Customer	10	10	10	10	9	9	9	9	9	9	9	9
CCF/Customer	897	1,404	325	969	1,687	1,688	1,919	2,085	1,738	1,348	950	897
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%	-32%	67%	18%	15%	29%	20%	24%	36%	40%	23%	17%

CONSERVATION USAGE DATA
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REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
two 2" meters												
CCF	7,841	9,845	8,519	10,119	8,606	10,308	10,351	9,584	9,662	10,988	8,234	8,892
Customer	23	23	23	20	20	20	20	20	20	20	20	20
CCF/Customer	341	428	370	506	430	515	518	479	483	549	412	445
5-yr Avg	324	405	325	443	594	695	806	914	820	819	573	485
Reduction	-5%	-6%	-14%	-14%	28%	26%	36%	48%	41%	33%	28%	8%
two 3" meters												
CCF	616	734	652	592	619	893	1,000	1,234	2,329	1,818	2,060	1,679
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Customer	308	367	326	296	310	447	500	617	1,165	909	1,030	840
5-yr Avg	1,131	905	830	1,039	1,197	1,326	1,465	1,507	1,446	1,546	1,270	1,202
Reduction	73%	59%	61%	72%	74%	66%	66%	59%	19%	41%	19%	30%
two 5/8" meters												
CCF	8	9	19	25	29	36	59					
Customer	2	2	2	1	1	1	1					
CCF/Customer	4	5	10	25	29	36	59					
5-yr Avg	20	38	17	39	32	40	58	46	77	43	33	46
Reduction	79%	88%	44%	35%	10%	11%	-2%	100%	100%	100%	100%	100%
two size 3" meters, one c												
CCF	1,023	914	1,051	1,058	1,023	1,042	1,102	1,121	1,189	1,111	1,226	1,079
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	1,023	914	1,051	1,058	1,023	1,042	1,102	1,121	1,189	1,111		
5-yr Avg	835	780	919	836	1,156	1,160	1,587	1,386	1,837	1,206	1,345	913
Reduction	-23%	-17%	-14%	-26%	12%	10%	31%	19%	35%	8%	100%	100%

CONSERVATION USAGE DATA
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REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
Water Industrial												
1 1/2" meter												
CCF	234	69	242	90	241	123	272	133	373	202	292	154
Customer	4	4	4	4	4	4	4	4	4	5	4	4
CCF/Customer	59	17	61	23	60	31	68	33	93	40	73	39
5-yr Avg	103	24	107	18	109	30	165	39	193	31	167	31
Reduction	43%	29%	43%	-24%	45%	-4%	59%	14%	52%	-31%	56%	-23%
1" meter												
CCF	47	54	17	136	96	106	132	154	156	156	78	89
Customer	14	14	14	14	14	13	14	14	13	14	14	14
CCF/Customer	3	4	1	10	7	8	9	11	12	11	6	6
5-yr Avg	12	2	11	2	10	3	16	5	20	5	18	3
Reduction	71%	-105%	89%	-318%	28%	-144%	40%	-136%	40%	-147%	68%	-128%
2" meter												
CCF	2,410	2,708	2,102	3,488	2,698	3,014	2,374	2,826	2,928	3,081	2,350	2,517
Customer	25	25	25	25	25	25	25	25	25	25	25	25
CCF/Customer	96	108	84	140	108	121	95	113	117	123	94	101
5-yr Avg	150	139	125	151	143	162	170	184	177	178	145	161
Reduction	36%	22%	33%	7%	25%	25%	44%	39%	34%	31%	35%	37%
3" meter												
CCF	1,487	1,857	2,269	2,808	2,715	3,133	4,269	4,357	4,171	4,238	3,249	2,690
Customer	6	6	6	6	6	6	6	6	6	6	6	6
CCF/Customer	248	310	378	468	453	522	712	726	695	706	542	448
5-yr Avg	626	214	517	231	744	317	1,247	379	1,613	323	1,111	260
Reduction	60%	-44%	27%	-102%	39%	-65%	43%	-91%	57%	-119%	51%	-72%

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REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
3/4" meter												
CCF	8	7	9	7	11	10	29	37	36	32	16	15
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	8	7	9	7	11	10	29	37	36	32	16	15
4" meter												
CCF	995	1,107	1,046	1,197	1,051	1,052	1,408	1,130	1,322	1,404	1,293	1,799
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	995	1,107	1,046	1,197	1,051	1,052	1,408	1,130	1,322	1,404	1,293	1,799
5-yr Avg	261	281	283	335	232	300	396	414	327	431	222	385
Reduction	-281%	-295%	-269%	-257%	-354%	-251%	-255%	-173%	-305%	-226%	-483%	-368%
5/8" meter												
CCF	20	369	2	377	1	436	2	408	-	473	-	498
Customer	7	7	7	7	7	7	7	7	7	7	7	7
CCF/Customer	3	53	0	54	0	62	0	58	-	68	-	71
5-yr Avg	17	51	16	49	19	55	27	59	35	60	26	66
Reduction	83%	-3%	98%	-9%	99%	-13%	99%	1%	100%	-12%	100%	-9%
6" meter												
CCF	2,083	1,707	2,333	2,488	3,372	2,610	6,403	5,094	4,936	4,977	1,863	2,998
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Customer	2,083	1,707	2,333	2,488	3,372	2,610	6,403	5,094	4,936	4,977	1,863	2,998
5-yr Avg	60	79	100	88	77	62	50	46	85	64	58	61
Reduction	-3349%	-2050%	-2238%	-2740%	-4302%	-4123%	-12604%	-11071%	-5693%	-7677%	-3090%	-4783%

CONSERVATION USAGE DATA
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REGION 3	January	February	March	April	May	June	July	August	September	October	November	December
Water Residential												
1 1/2" meter												
TIER 1	2,252	1,912	2,182	1,918	2,331	1,921	2,456	1,925	2,474	1,950	2,462	1,915
TIER 2	938	821	828	994	1,048	1,049	1,207	1,069	1,234	1,078	1,215	962
TIER 3	2,476	3,170	2,373	4,351	3,629	6,193	7,041	8,676	8,321	8,187	6,248	4,277
Customer	185	187	186	186	185	184	183	184	184	186	185	183
CCF/Customer	31	32	29	39	38	50	58	63	65	60	54	39
5-yr Avg	50	46	40	46	52	71	84	89	98	84	73	57
Reduction	38%	32%	28%	15%	27%	30%	30%	29%	34%	28%	26%	32%
1" meter												
TIER 1	163,809	135,106	159,915	148,162	180,456	164,520	200,825	172,180	201,331	171,781	190,592	150,321
TIER 2	30,755	22,188	28,146	31,529	45,762	51,568	75,234	63,046	76,967	62,149	59,103	35,430
TIER 3	29,565	20,525	25,486	32,171	51,049	72,609	129,417	114,724	147,160	111,564	82,660	43,425
Customer	16,843	16,849	16,836	16,838	16,832	16,823	16,835	16,861	16,824	16,855	16,855	16,870
CCF/Customer	13	11	13	13	16	17	24	21	25	20	20	14
5-yr Avg	22	18	18	18	25	28	38	36	43	33	30	23
Reduction	38%	41%	29%	29%	33%	40%	36%	43%	42%	38%	35%	40%
2" meter												
TIER 1	1,446	871	1,369	949	1,422	926	1,472	928	1,464	908	1,443	876
TIER 2	749	465	633	522	782	535	850	551	862	518	851	488
TIER 3	3,490	3,285	2,267	4,456	4,634	6,828	6,932	8,039	8,246	7,724	6,428	3,713
Customer	99	94	94	94	94	94	94	94	95	95	95	92
CCF/Customer	57	49	45	63	73	88	98	101	111	96	92	55
5-yr Avg	96	54	80	58	103	96	169	118	208	108	155	73
Reduction	40%	9%	43%	-10%	29%	8%	42%	14%	47%	11%	41%	25%
3/4" meter												
TIER 1	41,689	46,151	41,152	50,982	48,172	59,777	57,026	63,941	56,440	62,890	50,836	53,197
TIER 2	3,879	4,383	3,972	6,685	7,591	13,593	17,753	19,742	17,528	18,110	10,153	8,234
TIER 3	1,781	1,823	1,927	3,025	3,750	8,319	15,853	16,167	15,771	14,391	6,696	4,573
Customer	5,796	5,806	5,811	5,811	5,821	5,820	5,819	5,820	5,825	5,830	5,830	5,832
CCF/Customer	8	9	8	10	10	14	16	17	15	16	12	11
5-yr Avg	12	15	10	15	14	23	22	28	24	24	16	17
Reduction	30%	38%	17%	31%	28%	39%	29%	39%	36%	33%	26%	34%
5/8" meter												
TIER 1	432,942	463,627	408,711	488,538	463,805	548,246	529,913	595,826	528,692	586,818	487,882	505,725
TIER 2	32,198	34,783	27,518	43,214	47,317	73,712	91,948	115,052	95,179	108,114	64,286	53,698
TIER 3	13,979	15,912	10,839	16,034	20,296	32,438	58,636	65,709	62,104	57,754	30,928	23,030
Customer	63,375	63,337	63,389	63,394	63,370	63,357	63,345	63,347	63,319	63,352	63,376	63,364
CCF/Customer	8	8	7	9	8	10	11	12	11	12	9	9
5-yr Avg	11	11	10	11	13	16	18	19	19	17	14	13
Reduction	32%	27%	29%	22%	34%	34%	39%	35%	42%	31%	33%	29%

LOW INCOME (CARW) CUSTOMER USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Arden Cordova CSA												
1" meter												
CCF	487	488	535	490	746	854	1,094	1,282	1,182	1,160	758	(3,906)
Customer	67	66	67	70	71	71	71	75	76	74	74	61
CCF/Cust	7	7	8	7	11	12	15	17	16	16	10	(64)
3/4" meter												
CCF	4,634	6,173	4,560	6,408	6,135	11,069	12,811	16,275	12,241	14,623	8,632	9,295
Customer	743	728	739	816	823	814	818	830	838	879	887	906
CCF/Cust	6	8	6	8	7	14	16	20	15	17	10	10
5/8" meter												
CCF	1,196	1,989	1,270	2,135	1,427	3,519	1,661	4,620	1,433	4,755	1,516	5,437
Customer	248	238	239	267	265	256	257	261	265	278	274	282
CCF/Cust	5	8	5	8	5	14	6	18	5	17	6	19
Bay Point CSA												
5/8" meter												
TIER 1	6,878	6,470	6,620	7,042	7,363	7,976	8,067	7,779	8,206	8,036	7,182	7,213
TIER 2	896	856	851	1,219	1,136	1,854	2,202	1,714	2,048	1,665	959	1,031
TIER 3	203	162	163	350	269	583	760	487	716	591	228	254
Customer	1,210	1,177	1,163	1,278	1,265	1,242	1,253	1,271	1,275	13	1,262	1,256
CCF/Cust	7	6	7	7	7	8	9	8	9	792	7	7

LOW INCOME (CARW) CUSTOMER USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Clearlake CSA												
5/8" meter												
CCF	2,157	2,275	2,142	2,367	2,571	3,210	3,722	3,747	4,048	3,287	2,303	2,242
Customer	533	516	510	538	542	538	548	555	561	571	555	555
CCF/Cust	4	4	4	4	5	6	7	7	7	6	4	4
Los Osos CSA												
1" meter												
TIER 1	14	10	15	10	15	12	16	29	16	30	14	29
TIER 2	-	-	-	-	-	-	-	12	-	12	-	6
TIER 3	-	-	-	-	-	-	-	19	-	36	-	-
Customer	2	2	2	2	2	2	3	3	3	3	3	3
CCF/Cust	7	5	8	5	8	6	5	20	5	26	5	12
3/4" meter												
TIER 1	121	36	137	34	132	40	82	53	94	68	129	59
TIER 2	18	-	30	(4)	33	9	15	19	20	14	25	2
TIER 3	-	-	1	(1)	15	-	20	-	36	1	15	-
Customer	17	16	14	14	14	13	13	14	14	16	16	16
CCF/Cust	8	2	12	2	13	4	9	5	11	5	11	4
5/8" meter												
TIER 1	1,557	764	1,570	735	1,632	810	1,835	830	1,764	891	1,884	824
TIER 2	84	48	78	38	96	42	142	62	150	90	124	42
TIER 3	92	33	5	30	8	11	40	8	26	24	20	5
Customer	331	316	309	334	337	336	335	336	337	356	347	348
CCF/Cust	5	3	5	2	5	3	6	3	6	3	6	3

LOW INCOME (CARW) CUSTOMER USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Ojai CSA												
1" meter												
TIER 1	104	29	94	35	103	34	98	43	100	48	112	81
TIER 2	49	-	26	12	49	24	61	24	72	24	59	33
TIER 3	57	-	404	-	72	25	168	51	344	20	222	-
Customer	7	6	7	7	7	7	7	7	7	8	7	7
CCF/Cust	30	5	75	7	32	12	47	17	74	12	56	16
3/4" meter												
TIER 1	29	138	25	168	39	154	41	173	56	126	56	122
TIER 2	-	-	-	57	11	82	-	85	12	50	1	22
TIER 3	-	-	-	3	-	52	-	83	9	36	-	-
Customer	13	13	13	13	12	12	12	12	11	11	11	11
CCF/Cust	2	11	2	18	4	24	3	28	7	19	5	13
5/8" meter												
TIER 1	1,213	1,780	1,131	1,701	1,250	1,995	1,469	2,188	1,344	2,121	1,209	1,967
TIER 2	80	44	61	72	82	190	235	251	167	242	122	87
TIER 3	7	-	-	-	-	23	55	69	46	42	38	-
Customer	240	230	227	243	241	232	231	229	229	242	236	236
CCF/Cust	5	8	5	7	6	10	8	11	7	10	6	9
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	7		10		7		10		8		6	
TIER 2	-		-		-		-		-		-	
TIER 3	-		-		-		-		-		-	
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Cust	7	-	10	-	7	-	10	-	8	-	6	-

LOW INCOME (CARW) CUSTOMER USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Santa Maria CSA												
1" meter												
TIER 1	598	461	625	627	701	744	760	735	782	675	655	612
TIER 2	93	54	118	153	241	272	371	325	349	290	195	169
TIER 3	59	197	80	88	249	310	582	419	600	311	144	118
Customer	61	58	57	59	59	57	57	56	56	62	56	57
CCF/Cust	12	12	14	15	20	23	30	26	31	21	18	16
3/4" meter												
TIER 1	442	345	426	462	503	536	577	532	624	551	477	456
TIER 2	44	8	44	73	77	117	175	124	173	138	54	48
TIER 3	24	-	37	13	28	33	106	76	65	37	6	2
Customer	57	58	56	57	56	56	56	56	57	58	56	56
CCF/Cust	9	6	9	10	11	12	15	13	15	13	10	9
5/8" meter												
TIER 1	15,387	12,655	14,053	15,793	17,728	19,425	20,391	18,726	21,263	18,896	16,977	15,731
TIER 2	1,107	607	1,014	1,587	2,309	3,649	4,846	3,401	4,066	3,181	1,845	1,462
TIER 3	198	55	177	328	815	1,418	2,340	1,275	1,696	1,291	816	588
Customer	1,823	1,759	1,738	1,892	1,870	1,837	1,840	1,860	1,862	1,949	1,882	1,880
CCF/Cust	9	8	9	9	11	13	15	13	15	12	10	9
Sprinkler 1" TO 3/4"												
TIER 1	3	11	10	15	15	18	22	20	19	14	12	10
TIER 2	-	-	-	-	-	-	-	-	-	-	-	-
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	2	2	2	2	2	2	2	2	2	2	2	2
CCF/Cust	2	6	5	8	8	9	11	10	10	7	6	5

LOW INCOME (CARW) CUSTOMER USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Simi Valley CSA												
1" meter												
TIER 1	23	44	14	52	17	52	25	52	26	52	17	52
TIER 2	-	14	-	17	-	20	-	26	10	21	-	16
TIER 3	-	11	-	17	-	51	-	72	-	56	-	41
Customer	3	3	3	3	3	3	3	3	3	3	3	3
CCF/Cust	8	23	5	29	6	41	8	50	12	43	6	36
5/8" meter												
TIER 1	14,626	13,308	13,214	13,506	15,388	15,477	16,343	16,083	16,050	16,573	16,616	14,846
TIER 2	1,582	910	1,128	1,059	1,866	1,856	3,160	2,784	2,931	2,906	2,700	1,378
TIER 3	624	302	291	326	754	675	1,697	1,241	1,533	1,278	823	375
Customer	1,627	1,565	1,527	1,669	1,661	1,610	1,613	1,632	1,640	1,740	1,705	1,706
CCF/Cust	10	9	10	9	11	11	13	12	13	12	12	10
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	65	53	35	46	61	46	59	57	64	47	63	68
TIER 2	-	-	-	-	5	-	-	-	1	-	1	-
TIER 3	-	-	-	-	-	-	-	-	-	-	-	-
Customer	7	7	7	8	8	8	8	8	8	9	9	9
CCF/Cust	9	8	5	6	8	6	7	7	8	5	7	8

LOW INCOME (CARW) CUSTOMER USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 2												
1 1/2" meter												
TIER 1	23	11	22	22	22	44	22	33	36	34	33	33
TIER 2	8	4	8	8	8	16	8	12	13	12	12	12
TIER 3	39	33	40	47	41	78	48	50	66	58	59	68
Customer	1	2	2	2	2	2	2	3	3	3	3	3
CCF/Cust	71	24	35	39	36	69	39	32	38	35	35	38
1" meter												
TIER 1	6,865	5,806	5,837	5,509	6,646	13,429	7,107	6,672	7,391	7,201	6,977	7,029
TIER 2	821	600	648	877	875	1,793	1,149	913	1,129	1,024	834	886
TIER 3	878	573	737	1,018	1,049	2,212	1,617	1,235	1,432	1,162	941	906
Customer	796	771	756	824	823	806	819	830	840	891	865	866
CCF/Cust	11	9	10	10	10	22	12	11	12	11	10	10
3/4" meter												
TIER 1	1,381	1,185	1,212	1,334	1,433	2,895	1,580	1,408	1,576	1,554	1,441	1,517
TIER 2	134	116	106	150	151	309	213	183	193	199	139	146
TIER 3	110	95	104	210	150	310	228	255	181	177	100	129
Customer	171	161	163	183	182	182	182	185	186	198	192	196
CCF/Cust	9	9	9	9	10	19	11	10	10	10	9	9
5/8" meter												
TIER 1	166,640	144,884	147,944	163,207	168,514	342,340	184,633	171,574	185,687	179,954	170,318	167,253
TIER 2	16,027	12,690	13,141	18,863	18,814	40,288	28,095	22,531	26,635	24,520	17,538	17,291
TIER 3	14,367	11,023	10,734	16,716	15,764	34,602	29,007	21,079	26,356	24,092	15,886	15,136
Customer	20,288	19,631	19,388	21,161	21,113	20,702	20,799	20,982	21,079	21,973	21,295	21,325
CCF/Cust	10	9	9	9	10	20	12	10	11	10	10	9
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	39	32	30	35	31	69	45	41	40	41	41	45
TIER 2	7	4	3	1	2	4	6	6	7	7	4	4
TIER 3	1	1	-	-	-	-	-	2	3	4	3	2
Customer	4	4	4	4	4	4	5	5	5	6	6	6
CCF/Cust	12	9	8	9	8	18	10	10	10	9	8	9

LOW INCOME (CARW) CUSTOMER USAGE DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 3												
1 1/2" meter												
TIER 1	152	74	142	64	187	65	194	69	204	73	210	80
TIER 2	29	18	44	24	78	24	71	24	76	24	73	16
TIER 3	26	26	61	61	131	93	223	229	366	151	184	31
Customer	11	11	11	12	12	12	12	12	12	13	13	13
CCF/Cust	19	11	22	12	33	15	41	27	54	19	36	10
1" meter												
TIER 1	13,381	12,269	12,232	12,415	14,148	14,281	15,583	14,953	15,733	15,323	15,318	13,716
TIER 2	1,885	1,605	1,669	2,025	2,615	3,331	4,719	4,275	4,735	4,207	3,483	2,296
TIER 3	1,176	910	1,033	1,144	1,945	2,832	6,095	5,292	5,905	4,584	3,178	1,897
Customer	1,466	1,390	1,365	1,482	1,474	1,434	1,442	1,460	1,471	1,548	1,515	1,516
CCF/Cust	11	11	11	11	13	14	18	17	18	16	15	12
2" meter												
TIER 1	62	13	39	39	47	13	78	26	78	26	78	26
TIER 2	32	8	24	24	24	8	38	16	48	16	45	16
TIER 3	399	6	365	185	595	17	1,218	341	1,325	369	1,015	352
Customer	3	3	3	3	3	3	4	4	4	4	3	3
CCF/Cust	164	9	143	83	222	13	334	96	363	103	379	131
3/4" meter												
TIER 1	5,308	5,192	5,139	5,632	6,003	6,868	6,971	7,166	6,885	7,118	6,596	6,376
TIER 2	498	449	449	677	876	1,457	2,013	2,006	1,952	1,818	1,124	813
TIER 3	168	144	166	236	329	658	1,513	1,427	1,340	1,278	525	240
Customer	696	676	663	719	713	698	700	709	716	753	728	729
CCF/Cust	9	9	9	9	10	13	15	15	14	14	11	10
5/8" meter												
TIER 1	82,108	76,011	76,959	76,807	88,632	86,977	97,993	92,696	97,450	93,968	93,992	84,199
TIER 2	6,614	5,947	5,629	6,932	9,142	11,056	16,213	16,268	16,289	15,644	11,780	8,028
TIER 3	2,491	2,235	1,793	2,028	3,179	3,999	8,895	8,257	8,856	7,618	4,329	2,606
Customer	10,376	10,011	9,808	10,589	10,551	10,290	10,340	10,459	10,544	11,111	10,890	10,876
CCF/Cust	9	8	9	8	10	10	12	11	12	11	10	9
Sprinkler 1 1/2" TO 1"												
TIER 1		13		17		20		23		25		17
TIER 2		-		-		-		-		-		-
TIER 3		-		-		-		-		-		-
Customer	1	1	1	1	1	1	1	1	1	1	1	2
CCF/Cust	-	13	-	17	-	20	-	23	-	25	-	9
Sprinkler 1" TO 3/4"												
TIER 1	423	193	407	219	448	250	483	307	447	302	535	279
TIER 2	23	-	26	4	12	7	25	29	-	33	33	16
TIER 3	-	-	-	-	-	-	-	-	-	-	-	1
Customer	40	40	39	47	47	49	48	49	49	54	53	53
CCF/Cust	11	5	11	5	10	5	11	7	9	6	11	6
Sprinkler 1" TO 5/8" X 3/4"												
TIER 1	727	579	699	599	846	689	913	698	886	760	972	740
TIER 2	9	5	12	11	15	15	62	36	44	37	40	35
TIER 3	-	-	-	-	-	-	3	10	5	12	8	24
Customer	100	100	99	109	106	104	104	107	109	118	116	116
CCF/Cust	7	6	7	6	8	7	9	7	9	7	9	7
Sprinkler 2" TO 1"												
TIER 1	13	13	13	13	13	13	13	13	13	13	13	13
TIER 2	8	8	8	8	8	8	8	8	8	8	8	8
TIER 3	6	28	21	15	18	37	50	29	39	39	10	20
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF/Cust	27	49	42	36	39	58	71	50	60	60	31	41

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Bay Point CSA												
Household Size: 5												
Customer	188	179	189	185	188	191	187	191	194	193	192	191
CCF	1,488	1,292	1,416	1,532	1,468	1,823	1,803	1,692	1,883	1,676	1,436	1,500
Household Size: 6												
Customer	91	92	92	90	89	85	83	86	89	88	88	84
CCF	829	790	823	903	848	911	993	924	999	914	746	759
Household Size: 7												
Customer	40	40	40	39	40	40	35	35	38	39	37	37
CCF	336	310	318	336	329	395	396	352	423	416	342	326
Household Size: 8												
Customer	16	16	19	19	19	19	19	19	20	21	20	20
CCF	157	149	161	198	176	186	215	197	237	220	195	212
Household Size: 9												
Customer	4	4	4	4	4	4	4	5	6	6	5	6
CCF	38	42	38	45	41	55	52	46	67	73	58	58
Household Size: 10												
Customer	5	5	5	5	5	5	5	5	5	5	5	5
CCF	44	49	51	55	54	58	63	57	56	55	48	50
Household Size: 10+												
Customer	2	2	2	2	4	4	4	4	4	4	4	4
CCF	35	34	30	37	49	55	61	59	67	61	54	58

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Clearlake CSA												
Household Size: 5												
Customer	24	26	29	27	27	28	27	27	33	33	33	33
CCF	134	138	157	152	153	204	278	318	254	271	193	171
Household Size: 6												
Customer	13	14	15	14	14	14	15	15	15	16	16	16
CCF	128	104	115	106	111	142	149	138	160	140	108	97
Household Size: 7												
Customer	10	9	9	9	9	9	9	10	11	11	11	11
CCF	87	92	85	132	102	127	168	220	186	166	113	116
Household Size: 8												
Customer	1	1	1	1	2	2	2	2	2	2	2	2
CCF	1	2	1	2	13	21	24	32	53	18	9	10
Household Size: 9												
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF	7	8	6	8	10	11	17	15	18	14	7	7
Household Size: 10												
Customer	1	1	1	1	1	1	1	1	1	1	1	1
CCF	5	6	8	7	4	4	7	5	5	5	5	5

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Los Osos CSA												
Household Size: 5												
Customer	4	4	4	4	4	6	3	5	3	5	4	5
CCF	54	58	63	99	62	85	42	82	57	77	58	6
Household Size: 6												
Customer	5	2	5	2	4	2	4	2	4	2	4	3
CCF	73	39	90	37	57	29	75	30	64	29	39	3
Household Size: 7												
Customer	3		3		3		3		3		3	
CCF	57		64		62		68		60		37	
Ojai CSA												
Household Size: 5												
Customer	6	12	5	12	6	11	5	11	6	11	6	11
CCF	84	261	74	261	102	235	88	268	101	276	94	216
Household Size: 6												
Customer	7	7	5	6	5	7	6	6	4	6	4	6
CCF	140	112	94	98	107	121	132	111	109	108	94	102
Household Size: 7												
Customer		2		2		1		2		2		2
CCF		41		45		23		43		42		40
Household Size: 8												
Customer	1		2		2		2		2		2	
CCF	37		56		65		77		87		70	
Household Size: 9												
Customer		1		1		1		1	1		1	
CCF		22		20		21		11	19		(3)	

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Santa Maria CSA*												
Household Size: 5												
Customer	183	174	179	176	173	175	170	177	179	176	174	169
CCF	2,101	1,659	1,944	2,249	2,557	2,827	3,112	2,644	3,136	4,566	2,051	1,912
Household Size: 6												
Customer	99	92	96	95	100	97	94	95	98	97	97	99
CCF	1,223	918	1,091	1,270	1,432	1,675	1,854	1,568	1,932	3,189	1,320	1,285
Household Size: 7												
Customer	36	35	37	36	36	35	33	32	33	32	33	33
CCF	514	425	516	588	601	627	695	536	642	828	418	409
Household Size: 8												
Customer	20	20	20	20	22	21	22	24	23	24	23	23
CCF	280	264	268	311	339	405	414	410	476	708	332	325
Household Size: 9												
Customer	11	10	10	10	10	10	10	10	11	11	11	11
CCF	161	115	123	161	237	192	207	162	206	298	134	126
Household Size: 10												
Customer	3	2	2	2	2	2	2	3	3	3	3	3
CCF	48	20	20	30	28	39	40	68	72	112	52	44
Household Size: 10+												
Customer	4	4	4	4	4	4	4	4	5	5	6	5
CCF	49	59	44	48	67	74	79	75	111	194	89	75

*Note: Santa Maria data does not include Cypress Ridge

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
Simi Valley CSA												
Household Size: 5												
Customer	83	105	84	108	87	111	88	106	84	112	86	111
CCF	1,892	2,151	1,689	2,329	2,067	2,695	2,564	2,865	2,481	3,067	2,351	2,503
Household Size: 6												
Customer	71	49	73	53	70	53	66	50	67	51	68	52
CCF	1,715	1,075	1,657	1,209	1,888	1,421	2,107	1,538	2,129	1,630	1,973	1,246
Household Size: 7												
Customer	27	24	25	27	23	24	20	26	19	27	22	27
CCF	780	520	765	575	864	668	806	623	720	691	705	583
Household Size: 8												
Customer	12	13	12	14	11	14	11	17	11	17	10	16
CCF	320	307	270	373	331	415	384	555	371	545	337	436
Household Size: 9												
Customer	7	8	7	9	6	8	6	8	6	8	6	8
CCF	181	234	170	253	178	226	231	260	189	278	211	268
Household Size: 10												
Customer	3	4	3	4	4	4	4	4	4	4	4	4
CCF	119	107	113	124	161	129	190	145	246	146	175	120
Household Size: 10+												
Customer	5	2	5	2	6	3	6	3	6	3	6	3
CCF	146	80	133	93	197	152	249	143	210	142	219	107

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 2												
Household Size: 5												
Customer	2,954	2,846	2,958	2,895	2,949	2,949	2,899	2,915	2,978	3,010	3,019	3,008
CCF	32,321	27,328	29,125	32,966	32,363	33,932	38,067	33,496	37,642	36,170	31,748	31,214
Household Size: 6												
Customer	1,820	1,729	1,798	1,747	1,794	1,803	1,815	1,820	1,864	1,882	1,894	1,877
CCF	22,026	17,861	19,419	21,598	21,408	22,359	25,507	22,810	25,833	24,475	21,824	21,608
Household Size: 7												
Customer	837	814	836	829	845	840	829	820	830	835	839	838
CCF	11,073	9,328	9,952	11,654	11,146	11,757	13,049	11,595	12,687	11,817	10,939	10,722
Household Size: 8												
Customer	391	378	397	385	397	397	402	414	427	430	430	423
CCF	5,641	4,735	5,020	5,640	5,423	5,730	6,644	6,073	6,842	6,602	5,863	5,818
Household Size: 9												
Customer	193	183	189	181	188	188	185	181	186	189	189	189
CCF	2,947	2,403	2,621	2,947	2,756	2,918	3,352	2,985	3,347	3,238	2,861	2,940
Household Size: 10												
Customer	86	82	85	84	86	86	86	88	89	89	89	89
CCF	1,379	1,127	1,300	1,440	1,358	1,334	1,496	1,352	1,459	1,393	1,276	1,268
Household Size: 10+												
Customer	92	93	94	92	98	97	92	90	90	92	92	89
CCF	1,702	1,466	1,579	1,730	1,677	1,767	1,949	1,739	1,865	1,763	1,548	1,509

CARW HOUSEHOLD OF 5+
CONSUMPTION DATA
2016

	January	February	March	April	May	June	July	August	September	October	November	December
REGION 3												
Household Size: 5												
Customer	926	816	920	832	926	848	925	852	940	897	951	888
CCF	15,355	13,203	14,160	14,099	16,182	16,413	19,999	17,974	19,830	19,055	17,252	14,852
Household Size: 6												
Customer	554	467	556	484	548	480	533	468	538	485	547	484
CCF	10,871	8,428	10,337	9,409	11,513	10,496	13,976	12,055	13,855	11,886	11,865	9,552
Household Size: 7												
Customer	270	218	270	233	270	229	256	230	261	233	264	236
CCF	5,653	4,161	5,213	4,728	5,857	5,288	7,637	6,680	7,650	6,504	6,511	5,327
Household Size: 8												
Customer	119	89	119	88	116	88	110	85	118	93	118	91
CCF	2,733	1,737	2,565	1,810	2,904	2,172	3,432	2,170	3,380	2,418	2,899	1,835
Household Size: 9												
Customer	47	45	47	49	47	45	47	49	48	52	50	50
CCF	1,238	1,180	1,109	1,361	1,266	1,413	1,481	1,498	1,463	1,721	1,242	1,302
Household Size: 10												
Customer	25	18	27	16	28	15	26	15	25	15	25	16
CCF	612	378	722	390	827	436	945	571	861	494	784	434
Household Size: 10+												
Customer	32	29	29	28	25	25	26	28	26	30	27	28
CCF	1,283	857	1,127	851	1,392	788	1,823	1,148	1,912	1,190	1,548	878

DISCONNECT REPORT
2016

	# OF DISCONNECTION NOTICE SENT		DISCONTINUED FOR NON PAYMENT		RESTORE AFTER DISCONTINUANCE	
	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW
Arden Cordova CSA						
January	516	50	59	2	48	1
February	557	77	93	5	78	4
March	404	35	55	2	46	1
April	597	89	62	6	51	3
May	388	45	53	3	43	3
June	657	111	98	6	81	4
July	488	53	41	3	32	3
August	643	94	108	8	84	6
September	691	79	70	8	53	7
October	591	100	73	9	58	8
November	517	58	64	8	51	7
December	730	113	84	4	54	4
Bay Point CSA						
January	593	126	99	12	94	12
February	480	109	81	8	75	8
March	568	127	75	12	73	12
April	558	127	59	9	51	8
May	453	112	88	9	82	9
June	611	145	48	10	45	9
July	565	148	55	7	48	5
August	616	154	102	22	90	22
September	632	160	55	14	50	13
October	513	135	95	24	86	22
November	509	131	74	18	70	18
December	613	153	70	10	62	10
Clearlake CSA						
January	297	62	14	1	10	1
February	293	61	30	5	24	4
March	270	59	26	5	19	4
April	315	60	42	8	32	6
May	276	49	25	2	25	2
June	360	67	41	5	22	3
July	297	61	18	2	11	
August	355	81	51	6	25	2
September	305	63	27	2	19	2
October	362	92	53	9	41	6
November	315	60	34	7	24	7
December	270	48	9	1	7	1

DISCONNECT REPORT
2016

	# OF DISCONNECTION NOTICE SENT		DISCONTINUED FOR NON PAYMENT		RESTORE AFTER DISCONTINUANCE	
	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW
Los Osos CSA						
January	104	20	16	2	12	2
February	151	35	27	7	25	6
March	77	11	16	3	16	3
April	128	31	3		2	
May	53	11	7	3	5	2
June	139	37	22	6	20	5
July	57	5	10	1	8	1
August	135	26	18	3	17	3
September	100	14	26	8	19	8
October	120	34	27	6	24	4
November	53	10	12	3	10	3
December	145	38	21	2	20	2
Ojai CSA						
January	154	33	25	1	20	1
February	91	21	19	1	18	1
March	120	17	30	2	28	2
April	91	18	20	1	18	
May	99	21	16	1	14	1
June	109	13	21	3	21	3
July	106	14	19	4	16	4
August	86	11	22	1	21	1
September	122	23	21	4	21	4
October	99	13	24	3	23	3
November	165	21	40	3	36	3
December	112	12	28	3	25	3
Santa Maria CSA*						
January	647	134	64	8	61	8
February	425	91	20	5	18	4
March	515	118	44	6	40	6
April	473	108	44	10	41	9
May	448	99	40	4	36	4
June	619	113	79	9	69	6
July	612	125	73	12	59	9
August	752	145	147	23	135	20
September	722	154	102	17	90	14
October	649	152	130	24	119	23
November	753	150	159	28	132	22
December	790	164	140	26	129	26

DISCONNECT REPORT
2016

	# OF DISCONNECTION NOTICE SENT		DISCONTINUED FOR NON PAYMENT		RESTORE AFTER DISCONTINUANCE	
	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW	ALL CUSTOMER	CARW
Simi Valley CSA						
January	727	107	21	2	17	2
February	574	100	4		4	
March	620	115	16	1	9	1
April	591	93	34	2	30	2
May	537	84	20	5	16	5
June	612	112	110	19	102	18
July	594	105	91	15	86	14
August	640	115	133	24	131	23
September	641	116	113	13	108	13
October	605	119	129	22	127	22
November	660	136	132	24	126	24
December	641	125	92	21	89	20
Region 2						
January	7,184	1,544	1,047	145	810	121
February	6,030	1,330	1,375	213	919	140
March	6,659	1,527	1,353	225	968	172
April	6,663	1,487	1,007	182	741	134
May	6,176	1,558	905	173	710	135
June	7,957	1,924	1,396	252	1,036	194
July	7,172	1,699	1,266	238	1,018	189
August	7,821	2,027	1,118	206	842	147
September	7,651	2,064	1,304	279	943	209
October	7,706	2,033	1,234	300	858	218
November	7,000	1,876	859	193	513	120
December	8,202	2,080	717	143	420	83
Region 3						
January	4,312	688	683	69	486	53
February	3,278	501	495	43	362	37
March	3,834	610	548	46	414	39
April	3,652	543	505	46	385	40
May	3,228	484	444	47	344	38
June	4,221	647	559	57	406	50
July	3,593	565	495	63	373	51
August	4,184	728	612	77	412	55
September	4,313	804	673	106	444	72
October	4,136	787	599	88	370	64
November	4,132	757	714	102	442	65
December	4,789	874	610	106	381	72

*Note: Santa Maria data does not include Cypress Ridge

CARW BILL COMPARISON

REGION 1 - ARDEN CORDOVA

CARW Monthly Bill with 5/8" at 10 ccf (2016 CARW Average)

	Current*
Service Charge	\$ 8.79
Tier 1 (10 Ccf @ \$1.502)	\$ 15.02
CARW Discount	\$ (3.00)
Water Quality Litigation Memo (10 ccf @ \$0.200)	\$ 2.00
Meter Retrofit (AL#1510-W) (\$0.75/mo.)	\$ 0.75
Water Conservation Memo Account (10 Ccf @ \$0.02128)	\$ 0.21
WRAM/MCBA Surcharge (10 ccf @ \$0.272)	\$ 2.72
GSWC Total	\$ 26.49
% Impact of WRAM/MCBA Surcharge on Monthly Bill	10.27%

*Current rate as of March 27, 2017

CARW BILL COMPARISON

REGION 1 - BAY POINT

CARW Monthly Bill with 5/8" at 8 Ccf (2016 CARW Average)

	Current*
Service Charge	\$ 20.68
Tier 1 (7 Ccf @ \$4.672)	\$ 37.38
CARW Discount	\$ (15.00)
Contra Costa Water District (8 Ccf @ \$1.039)	\$ 8.31
Hill Street Water Treatment Facility (8 Ccf @ \$0.205)	\$ 1.64
Water Conservation Memo Account (8 Ccf @ \$0.01207)	\$ 0.10
WRAM/MCBA Surcharge (8 Ccf @ \$1.231)	\$ 9.85
GSWC Total	\$ 62.95
% Impact of WRAM/MCBA Surcharge on Monthly Bill	15.64%

*Current rate as of March 27, 2017

CARW BILL COMPARISON

REGION 1 - LOS OSOS

CARW Monthly Bill with 5/8" at 4 ccf (2016 CARW Average)

	Current*
Service Charge	\$ 24.11
Tier 1 (4 ccf @ \$7.082)	\$ 28.33
CARW Discount	\$ (14.00)
Water Conservation Memo Account (4 Ccf @ \$0.02692)	\$ 0.11
WRAM/MCBA Surcharge (4 ccf @ \$2.397)	\$ 9.59
GSWC Total	\$ 48.13
	19.92%

*Current rate as of March 27, 2017

CARW BILL COMPARISON

REGION 1 - OJAI

CARW Monthly Bill with 5/8" at 8 ccf (2016 CARW Average)

	Current*
Service Charge	\$ 28.53
Tier 1 (8 ccf @ \$4.314)	\$ 34.51
CARW Discount	\$ (12.00)
Water Conservation Memo Account (8 Ccf @ \$0.03126)	\$ 0.25
WRAM/MCBA Surcharge (8 ccf @ \$1.303)	\$ 10.42
GSWC Total	\$ 61.72
% Impact of WRAM/MCBA Surcharge on Monthly Bill	16.89%

*Current rate as of March 27, 2017

CARW BILL COMPARISON

REGION 1 - SANTA MARIA

CARW Monthly Bill with 5/8" at 11 ccf (2016 CARW Average)

	Current*
Service Charge	\$ 18.15
Tier 1 (11 ccf @ \$2.158)	\$ 24.42
CARW Discount	\$ (6.00)
Santa Maria Water Rights (11 ccf @ 0.190)	\$ 2.09
SMWRMA - SMWR Memo Acct Surcharge (11 ccf @ \$0.089)	\$ 0.98
Water Conservation Memo Account (11 Ccf @ \$0.02475)	\$ 0.27
WRAM/MCBA Surcharge (11 ccf @ \$0.562)	\$ 6.18
	\$ 46.09
% Impact of WRAM/MCBA Surcharge on Monthly Bill	13.41%

*Current rate as of March 27, 2017

CARW BILL COMPARISON

REGION 1 - SIMI VALLEY

CARW Monthly Bill with 5/8" at 11 ccf (2016 CARW Average)

	Current*
Service Charge	\$ 20.85
Tier 1 (11 Ccf @ \$3.244)	\$ 3.57
CARW Discount	\$ (8.00)
Water Conservation Memo Account (11 Ccf @ \$0.00953)	\$ 0.10
WRAM/MCBA Surcharge (11 Ccf @ \$0.410)	\$ 4.51
GSWC Total	\$ 21.03
% Impact of WRAM/MCBA Surcharge on Monthly Bill	21.44%

*Current rate as of March 27, 2017

CARW BILL COMPARISON

REGION 2

CARW Monthly Bill with 5/8" at 10 Ccf (2016 CARW Average)

	Current*
Service Charge	\$ 17.74
Tier 1 (10 Ccf @ \$3.859)	\$ 38.59
CARW Discount	\$ (8.00)
WRAM/MCBA Surcharge (10 Ccf @ \$.911)	\$ 9.11
GSWC Total	\$ 57.44
% Impact of WRAM/MCBA Surcharge on Monthly Bill	15.86%

*Current rate as of March 27, 2017

CARW BILL COMPARISON

REGION 3

CARW Monthly Bill with 5/8" at 10 Ccf (2016 CARW Average)

	Current*
Service Charge	\$ 16.15
Tier 1 (10 Ccf @ \$3.214)	\$ 32.14
CARW Discount	\$ (8.00)
WRAM/MCBA Surcharge (10 Ccf @ 0.642)	\$ 6.42
GSWC Total	\$ 46.71
% Impact of WRAM/MCBA Surcharge on Monthly Bill	13.74%

*Current rate as of March 27, 2017

REPORT NOTES:

1. Low-Income Data only includes metered residential customers
2. Santa Maria data excludes newly acquired services in Cypress Ridge
3. ALL customers in disconnect report includes CARW and non-CARW

ATTACHMENT E-3
INFORMATION-ONLY FILING
LOW-INCOME DATE REPORT
GSWC AFFORDABILITY PROGRAMS
2016

This report identifies the 2016 Affordability Programs updates previously provided documenting 2009 – 2015.

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.

In 2016, GSWC had 43,352 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.

1. High Efficiency Conservation Kits 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,
 - 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.
2. 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.
3. In several Districts GSWC either manages or participates in wholesaler managed High-Efficiency Toilet (HET) distribution events that provide free HETs, installation products and seats, High Efficiency Conservation Kits, and other information to customers. These events are frequently conducted in disadvantaged communities that also use local Community-Based Organizations for event labor paying them as much as \$15 per replaced toilet that is returned and recycled.

Customers that have not participated in a GSWC event program or previously received a rebate and have demonstrated that their home was built prior to 1992 were eligible and were allowed to reserve up to 2 HETs. Participating customers come to a Saturday event to pick up their products and return their older, replaced toilets two weeks later. This provides customers that meet the affordability threshold to receive free products without the burden of cash outlay and waiting for a rebate. Customers are responsible for the installation.

- In 2016 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

- o Newspaper ads
 - o GSWC Website
 - o Door to Door Advertising (Limited areas)
 - o How long has the program been offered, and
 - o Program has been offered since 2008
 - o What criteria are used to establish the success of the program?
 - o Positive Customer feedback
 - o Reduced water usage
 - o Continued participation in the program.
4. 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 2016.
- o Identify whether it is offered with a third party,
 - o Offered by GSWC – Third party was used to distribute and install units.
 - o Specify how low-income customers are targeted by or included in the program,
 - o Available to all customers
 - CARW customers were targeted first
 - o Describe outreach efforts used to reach low-income program participants (application, re-certification, separate outreach),
 - o Direct Mail
 - o How long has the program been offered, and
 - o Program has been offered since 2016
 - o What criteria are used to establish the success of the program.
 - o Positive customer feedback
 - o Continued participation in the program
 - o Reduced water usage
 - CARW customer participation has not been determined at this time.
5. In 2016, GSWC implemented a pilot conservation program called "Free Bathroom Fixture Replacement Program" that specifically was first promoted to CARW customers then top 10% high users. In this program qualified customers can register to receive up to 2 Ultra- High Efficiency Toilets (1.06 gallons per flush or less), installation products and seats, and high efficiency showerhead kits delivered to their home. Customers were provided with the opportunity to participate with the option to register online at www.gswatersavers.com or by calling a toll-free number. The program was promoted through direct mail. An option for a professional installation was also included. The service areas participating in 2016 included:

Community	Cust. #	UHET Units
Simi Valley	224	384
Region 2	416	714

TOTALS	640	1098
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- 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 2015
- 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 2016

In continuing with Decision 13-05-011 – attached is Golden State Water Company’s 2016 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 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
- **Ultra High-Efficiency Toilet Rebate Program**
 - Starting in 2016, Golden State Water Company offers its residential customers rebates of up to \$75 for qualified Ultra High-Efficiency Toilets (UHET) with a limit of two (2) per household. Only EPA WaterSense® certified UHETs are rebated for both residential and commercial customers. Rebates are processed in-house by GSWC staff and are filed for partial reimbursement through the Sacramento Regional Water Authority (RWA) and the Sacramento County Sanitation District (SCSD).
 - High Efficiency Toilets (1.28 gallons per flush (gpf)) are current plumbing code in California and have achieve market transformation
 - WaterSense® certified UHETs 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 partnership with SMUD part way through 2016. 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 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 various conservation programs that include; HET rebates and HECW rebates.
 - Regional marketing opportunities
 - Blue Thumb
 - Master Gardener 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 pick-up the free kits from our local Customer Service Area (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 pick up the free kits from our local CSA office and 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
- **Freesprinklernozzles.com**
 - Based on the successful pilot programs implemented and managed by Western Municipal Water District in the Riverside, CA region. In 2012, GSWC became the first statewide utility to offer this program to residential and commercial customers in areas that can be served by participating irrigation supply partners. The program provided vouchers to customers to receive a number of Toro Precision® Rotor Spray Nozzles to retrofit existing in-ground pop-up spray nozzles.
 - GSWC discontinued its participation in the program in 2015 due to low installation rates of residential nozzles based on a MWD study. GSWC chose to only use the rebate program.
- **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
- **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 to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA Offices.
- **Regional Water Authority**

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
 - Turf Removal
 - Commercial High-Efficiency Toilets and Urinals
 - Multifamily and commercial High-Efficiency Clothes Washers
 - Weather-based Irrigation Controllers
 - Commercial 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
 - In 2016, 158 elementary level students participated.
- **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 to educate customers on water use efficiency and conservation. Information and water saving devices are also available in our local CSA Offices.

Clearlake

- **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**

- 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 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
- **Ultra-High Efficiency Toilet Rebate Program**
 - Golden State Water Company offers its residential customers rebates of up to \$75 for qualified High-Efficiency Toilets (UHET). Only EPA WaterSense® certified UHET 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.
- **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 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
- **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.

Ojai

- **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
- **Ultra-High Efficiency Toilet Rebate Program**
 - Golden State Water Company offers its residential customers rebates of up to \$75 for qualified High-Efficiency Toilets (UHET). Only EPA WaterSense® certified UHET 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.
- **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.

- **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 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
- **Ultra-High Efficiency Toilet Rebate Program**
 - Golden State Water Company offers its residential customers rebates of up to \$75 for qualified High-Efficiency Toilets (UHET). Only EPA WaterSense® certified UHET 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 \$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.
- **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.

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 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
 - UHET rebates
 - HECW rebates
 - Sprinkler nozzles
 - Weather-based irrigation controllers
 - CII / Large Landscape
 - UHET
 - 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
- **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.
- **California Alternative Rates for Water (CARW) Toilet Direct Program**
 - The CARW Toilet Direct specifically targets active CARW customers through direct mail to offer newer, best available technology ultra-high efficiency toilets (UHET) that flush just 1.06 gallons per flush (gpf) or less and high efficiency showerhead and aerator kits.
 - The technology is EPA WaterSense® certified and has been deployed by GSWC since 2010 in various toilet distributions, CARW direct install programs, and multifamily direct install programs.
 - 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
 - Application processing through online registration
 - Direct delivery to customer
 - Customer responsible for installation
 - Offered HET models since 2009 and UHET since 2010
- **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.
 - **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.

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
 - UHET rebates
 - HECW rebates
 - Sprinkler nozzles
 - Weather-based irrigation controllers
 - CII / Large Landscape
 - UHET
 - 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

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 High-Efficiency Toilets (UHET). Only EPA WaterSense® certified UHET 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.
- **Weather Based Irrigation Controller Rebate Program**
 - Processed through SoCal WaterSmart
 - \$100 for < 1 irrigated acre
 - \$25 for each operating valve > 1 irrigated acre
- **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.
- **California Alternative Rates for Water (CARW) Toilet Direct Program**
 - The CARW Toilet Direct specifically targets active CARW customers through direct mail to offer newer, best available technology ultra-high efficiency toilets (UHET) that flush just 1.06 gallons per flush (gpf) or less and high efficiency showerhead and aerator kits.
 - The technology is EPA WaterSense® certified and has been deployed by GSWC since 2010 in various toilet distributions, CARW direct install programs, and multifamily direct install programs.

- 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
 - Application processing through online registration
 - Direct delivery to customer
 - Customer responsible for installation
- **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.
- **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
- **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.

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
 - UHET rebates
 - HECW rebates
 - Turf removal
 - Sprinkler nozzles
 - Weather-based irrigation controllers
 - CII / Large Landscape
 - UHET

- 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
 - Municipal Water District of Orange County
 - Three Valley Municipal Water District
 - Upper San Gabriel Valley Municipal Water District
- SoCal WaterSmart (EGIA) administration
- Programs offered historically since 2002
- **Mojave Water Agency Partnership Program**
 - Regional program promotion and event participation

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 High-Efficiency Toilets (UHET). Only EPA WaterSense® certified UHET 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.
- **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.
- **Weather Based Irrigation Controller Rebate Program**
 - Processed through SoCal WaterSmart
 - \$100 for < 1 irrigated acre
 - \$25 for each operating valve > 1 irrigated acre
- **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.
- **California Alternative Rates for Water (CARW) Toilet Direct Program**
 - The CARW Toilet Direct specifically targets active CARW customers through direct mail to offer newer, best available technology ultra-high efficiency toilets (UHET) that flush just 1.06 gallons per flush (gpf) or less and high efficiency showerhead and aerator kits.
 - The technology is EPA WaterSense® certified and has been deployed by GSWC since 2010 in various toilet distributions, CARW direct install programs, and multifamily direct install programs.
 - 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
 - Application processing through online registration
 - Direct delivery to customer
 - Customer responsible for installation
- **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.

Explanation of any Partnerships

- **Regional Water Agency (Sacramento), Santa Barbara County, 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 Turf Removal Program, UHETs, HECW’s, Smart Irrigation Controllers, HET distributions, and Large Landscape classes to further promote conservation in shared service areas.

Explanation of any Contracts

- **CARW UHET Toilet Direct Program**
 - Southwest Environmental
 - Experienced service provider competitively selected
 - Direct home delivery with installation options
- **Residential Direct Install**
 - Sustainable Solutions International
 - Provide product
 - Installation services with licensed plumbers
- **Multifamily UHET Direct Install**
 - Bottom Line Utilities Solutions
 - Provide product
 - Installation services with licensed plumbers
- **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
- **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

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

- In 2016 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:
 - CARW Toilet Direct
 - 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
 - Los Osos
 - Santa Maria
 - Region 2
 - Region 3
- As allowed in the Settlement Agreement, GSWC shifted funds primarily from Free Sprinkler Nozzles

GSWC ANNUAL REPORTING REQUIREMENT - 2016

ARDEN CORDOVA

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
Weather Based Irrigation Controller Rebates		\$ 2,000										
	WBIC		162	\$ 82.69	\$13,396	0.0044	5	0.71	3.56	232,267	1,161,334	Internal Rebate Processing
Free Sprinkler Nozzles - Residential		\$ 8,000										
Free Sprinkler Nozzles - CII	Rotating Nozzles	\$ 12,000	2,925	\$ 5.02	\$14,683	0.0044	5	12.87	64.35	4,193,708	20,968,540	Third Party Fulfillment
Direct Install - CII		\$ 12,717										
Large Landscape Audits		\$ 17,820										Third Party Fulfillment
CII Audits		\$ 27,674										
Residential Audits			9	\$2,153.89	\$19,385							Third Party Fulfillment
Direct Install - Residential			17	\$515.59	\$8,765							Third Party Fulfillment
HET - Rebates	PHET Direct Install		1	\$ 1,960.00	\$ 1,960	0.0719	20	0.07	1.44	23,416	468,314	Contractor Implemented Program
	RWA/CSD Payment		311		\$ (19,415)							2015 HET Rebate Reimbursement
UHET - Rebates												
	UHET - Rebates		58	\$105.47	\$6,117	0.0719	20	4.17	83.36	1,358,110	27,162,193	Internal processing of HET rebates. Also participate in partnership with RWA to co-fund HET rebates with RWA and CSD reimbursing GSWC \$50 each HET
	RWA/CSD Payment				\$ (7,329)							
HECW - Rebates												
	HECW - Rebates		4	\$80.00	\$320	0.0912	20	0.12	2.50	40,666	813,325	Internal processing of HECW rebates. Also participate in partnership with SMUD to co-fund HECW rebates.
	RWA/CSD Payment				-\$1,650							2015 HECW Rebate Reimbursement
Turf Removal - Rebates	Turf Removal - Rebates		506	\$1.00	\$506	0.0000675	20	0.0342	0.6831	11,129	222,589	Internal Rebate Processing
Sprinkler Nozzle Rebates			115	\$ 4.00	\$460	0.0044	5	0.51	2.53	164,881	824,404	
Conservation Devices	Hose Nozzles		278	\$3.97	\$1,104							Internal Processing and Fulfillment
Customer Outreach and Education		\$ 2,262										
	Misc. and Promotional Items		10,642	\$ 1.18	\$12,607							Marketing and Promoting Conservation
	Conservation Literature		300	\$ 1.03	\$308							
	Credits				\$ (14)							
Water Wise School Education Program		\$ 6,750										
	Conservation School Education		166	\$ 34.00	\$5,644	0.0312	5	3.11	15.54	1,012,590	5,062,949	Resource Action Program w/ kit distribution for savings
Regional Water Authority - Dues		\$ 18,265										
	RWA Dues		1	\$ 26,919	\$26,919							Regional program project co-participation share
	Partnership Funding		1	\$ 400	\$400							Regional program project co-participation share
Totals		\$ 107,488			\$ 84,184			21.60	173.96	7,036,767	36,683,648	

Authorized 2016 \$107,488
 Recorded 2016 \$84,184
 \$23,324

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.
 *HECW and HET rebates were co-funded or program managed through partnerships with SMUD (HECW) and RWA (HET) where GSWC provided co-funding based on program parameters.
 **FreeSprinklerNozzles.com is an innovative online voucher program managed by Western Municipal Water District. Savings are based on studies for nozzle retrofits in MWDSC service programs.
 ***The savings estimates for audits are primarily subject to the implementation of the recommended measures. The CUWCC BMP Cost Savings Study 2005 compiles estimated data but the variables make it impossible to set a value.
 ****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/ecp_faucets_showerhead_csic.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2016

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)	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												
	Hose Nozzles		19	\$ 3.35	\$64							Internal Processing and Fulfillment
Program Marketing (CCWD & GSWC)		\$ 2,215										
	Conservation Promotional Items		1921	\$ 1.07	\$ 2,051			-	-			Marketing and Promoting Conservation
	Conservation Literature & Brochures		96	\$ 1.01	\$ 97							
	Credit		1	\$ (4.41)	\$ (4)							
Water Wise School Education		\$ 10,037										
	Conservation School Education		141	\$ 34.00	\$4,794	0.0312	5	2.64	13.20	860,091	4,300,457	Resource Action Program w/kit distribution for savings
Totals		\$ 12,252			\$ 7,001			2.64	13.20	860,091	4,300,457	

Authorized 2016	\$12,252
Recorded 2016	\$7,001
	\$5,251

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/femp/technologies/eep_faucets_showerheads_calc.html#output

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

GSWC ANNUAL REPORTING REQUIREMENT - 2016

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						-	-	-	-	
Water Wise School Education		\$ 976						-	-	-	-	
	Conservation School Education							-	-	-	-	
Customer Outreach and Education												
	Misc. and Promotional Items		1,000	\$ 1.00	\$1,001			-				Marketing and Promoting Conservation
	Conservation Literature		100	\$ 0.48	\$48							
Conservation Devices												
	Rose Nozzles		10	\$ 3.35	\$33							Internal Processing and Fulfillment
	Re-Class		1	\$ 144.78	\$145							
	Credit		1	\$ (2.15)	-\$2							
Totals		\$ 4,143			\$ 1,225							

Authorized 2016 \$4,143
 Recorded 2016 \$1,225
 \$2,918

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/femp/technologies/eep_faucets_showerheads_calc.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2016

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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	HECW Rebates		3	\$ 80.00	\$ 240	0.0312	20	0.09	1.87	30,500	609,994	Internal Rebate Processing
	WBIC Smart Controller		2	\$ 80.00	\$ 160	0.0044	5	0.01	0.04	2,867	14,337	Internal Rebate Processing
Conservation Devices	Hose Nozzles	\$ 1,030	12	\$ 3.35	\$ 40							Internal Processing and Fulfillment
CARW - Toilet Direct		\$ 5,675										
Direct Install	Residential		1	\$ 1,960.00	\$ 1,960	0.0719	20	0.07	1.44	23,416	468,314	Contractor Implemented Program
Commercial Audits	CII - Water Audits		4	\$ 2,328.75	\$ 9,315			-	-	-	-	Contractor Implemented Program
Customer Outreach & Education	Promotional Items		1202	\$ 1.34	\$ 1,616					-	-	Conservation Promotional items
	Conservation Literature		500	\$ 0.91	\$ 456							Conservation Literature and Brochures
	NRG - Credit		1	\$ (2.71)	\$ (3)							
Water Wise School Education	Conservation School Education	\$ 2,259	79	\$ 34.00	\$ 2,686	0.0312	5	1.48	7.39	481,895	2,409,476	Resource Action Program w/ kit distribution for savings
Totals		\$ 8,964			\$ 16,470			1.65	10.75	538,678	3,502,121	

Authorized 2016 \$8,964
 Recorded 2016 \$16,470
 -\$7,506

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/femp/technologies/eep_faucets_showerheads_calc.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2016

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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												
	HET Rebates		3	\$ 116.67	\$ 350	0.0425	20	0.13	2.55	41,546	830,920	Internal Rebate Processing
	HECW Rebates		4	\$ 102.50	\$ 410	0.0312	20	0.12	2.50	40,666	813,324	Internal Rebate Processing
	Turf Removal		6200	\$ 1.00	\$ 6,200	0.0000675	10	0.42	4.19	136,369	1,363,686	Internal Rebate Processing
Conservation Devices												
	Hose Nozzles		11	\$ 3.35	\$ 37							Internal Processing and Fulfillment
Customer Outreach & Education												
	Promotional Items		1117	\$ 1.37	\$ 1,530					-	-	Conservation Promotional Items
	Conservation Literature		2	\$ 28.03	\$ 56							Conservation Literature and Brochures
	NRG - Credit		1	\$ (2.49)	\$ (2)							
Water Wise School Education		\$ 1,898										
	Conservation School Education		32	\$ 18.00	\$ 576	0.0312	5	0.60	3.00	195,198	975,989	Resource Action Program w/ kit distribution for savings
Free Sprinkler Nozzles - Residential		\$ 7,261										
			0									
Totals		\$ 9,159			\$ 9,157			1.27	12.23	413,779	3,983,919	

Authorized 2016 \$9,159
 Recorded 2016 \$9,157
 \$2

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/femp/technologies/eeep_faucets_showerheads_calc.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) (I x H)	Estimated Annual Program Savings (Gallons/Year)	Estimated Lifetime Program Savings (Gallons)	Description & Comments
Rebate Program												
	HET Rebates		15	\$ 122.00	\$ 1,830	0.0425	20	0.64	12.75	207,730	4,154,600	Internal Rebate Processing
	HECW Rebates		3	\$ 95.00	\$ 285	0.0312	20	0.09	1.87	30,500	609,993	Internal Rebate Processing
	WBIC Rebate		6	\$ 105.00	\$ 630	0.0044	5	0.03	0.13	8,602	43,012	Internal Rebate Processing
	Turf Removal		4,799	\$ 1.00	\$ 4,799	0.0000675	20	0.32	6.48	105,554	2,111,075	Internal Rebate Processing
Audits												
	Residential		3	\$ 276.67	\$ 830							Third Party Vendor
Direct Install												
	Residential - WBIC Irrigation Tune-Up		2	\$ 1,357.50	\$ 2,715	0.0045	5.00	0.01	0.04	2,911	14,557	Contractor Implemented Program
Conservation Devices												
	Hose Nozzles		63	\$ 3.35	\$ 211							Internal Processing and Fulfillment
Free Sprinkler Nozzles - Residential		\$ 6,052										
Free Sprinkler Nozzles - Commercial		\$ 3,024										
CARW - Toilet Direct		\$ 25,742										
Customer Outreach and Education												
	Conservation Promotional items		2,153	\$ 2.56	\$ 5,506							Conservation Promotional and Educational Items
	Conservation Literature		400	\$ 0.79	\$ 316							Conservation Literature and Brochures
	Vendor Credit		1	\$ (14.24)	\$ (14)							
Water Wise School Education		\$ 13,012										
	Conservation School Education		100	\$35.02	\$ 3,502	0.0312	5	1.87	9.36	609,993	3,049,965	Resource Action Program w/ kit distribution for savings
Totals		\$ 47,830			\$ 20,610			2.96	30.64	965,290	9,983,203	

Authorized 2016 \$47,830
 Recorded 2016 \$20,610
 \$27,220

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/femp/technologies/eep_faucets_showerheads_calc.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2016

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 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												
	WBICs		4	\$ 90.00	\$ 360	0.0044	5	0.02	0.09	5,735	28,675	Internal Rebate Processing
Direct Install												
	Residential		192	\$ 60.67	\$ 11,649	0.0719	20	13.80	275.94	4,495,811	89,916,226	Southwest Residential UHET Direct Install
Conservation Devices		\$ 4,148										
	Hose Nozzles		50	\$ 3.35	\$ 167			-	-			Internal Processing and Fulfillment
	Credit		1	\$ (11.30)	\$ (11)							
Free Sprinkler Nozzles - Residential		\$ 8,195										Contractor Implemented Program
Free Sprinkler Nozzles - Commercial		\$ 8,746										Contractor Implemented Program
Large Landscape Audits		\$ 9,155										Third Party Vendor
Customer Outreach and Education												
	Conservation Literature		3	\$ 261.39	\$ 784							Conservation Literature and Brochures
	Promotional Items		4,988	\$ 0.95	\$ 4,758							Conservation Education Promo Items
Marketing and Local Partnerships		\$ 5,857										
	Marketing		2	\$ 534.00	\$ 1,068							Acorn Newspaper Event Advertising
	Conservation Workshops		1	\$ 625.00	\$ 625							Gardensoft Workshop
	Event Sponsorship		1	\$ 1,000.00	\$ 1,000							City of Simi Valley Conservation Event
Water Wise School Education		\$ 10,946										
	Conservation School Education		250	\$ 28.94	\$ 7,236	0.0312	5	4.68	23.40	1,524,985	7,624,923	Resource Action Program w/ kit distribution for savings
Totals		\$ 47,047			\$ 27,636			13.80	275.94	6,026,531	97,569,824	

Authorized 2016 \$47,047
 Recorded 2016 \$27,636
 \$19,411

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/femp/technologies/eep_faucets_showerheads_calc.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2016

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										
	Hose Nozzles		394	\$3.35	\$ 1,319							Internal Processing and Fulfillment
CARW - UHET Direct Install		\$ 56,678										
	CARW PHET Distributions & Install		714	\$90.60	\$ 64,686	0.0719	20	51.33	1026.16	16,718,798	334,375,964	PHET Toilet Direct & Install-Contractor
Direct Install - CI		\$ 115,215										
Direct Install - Residential												
	PHET Direct Install		2	\$1,835.00	\$ 3,670	0.0719	20	0.14	2.87	46,831	936,627	PHET Toilet Direct & Install-Contractor
Free Sprinkler Nozzles - Residential		\$ 8,000										
Free Sprinkler Nozzles - Commercial		\$ 15,000										
Large Landscape Audits		\$ 34,498										
	Large Landscape Audits											
CI Audits		\$ 15,080										
	Large Landscape Audits											
Community Partnership Events		\$ 4,453										
	HET Rebates		696	\$22.54	\$ 15,688	0.0425	20	29.58	591.60	9,638,685	192,773,706	Rebates - processed through SCWS (partnership)
	WBIC Rebate		1	\$82.80	\$ 83	0.0044	5	0.00	0.02	1,434	7,169	Rebates - processed through SCWS (partnership)
Regional Partnership		\$ 20,360										
Marketing		\$ 8,546										
Customer Outreach and Education												
	Customer Outreach and Education		2,000	\$1.77	\$ 3,541							Conservation Literature and Brochures
Misc. and Customer Promotional Items		\$ 3,504										
	Promotional		40,284	\$0.79	\$ 31,927							Conservation promotional items
	Credit				\$ (89)							
Discovery Science School Education		\$ 96,000										
	Discovery Science Center School Education		5085	\$12.64	\$ 64,290	0.0312	5	95.19	475.96	31,018,189	155,090,943	DSC w/ kit distribution for savings
Totals		\$ 389,591			\$ 185,115			81.04	1,620.66	28,405,749	528,093,466	

Authorized 2016 \$389,591
 Recorded 2016 \$185,115
 \$204,476

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
 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 Installs 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/femp/technologies/eep_faucets_showerheads_calc.html#output

GSWC ANNUAL REPORTING REQUIREMENT - 2016

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 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
Conservation Devices		\$ 13,200										
	Hose Nozzles		947	\$9.37	\$ 3,193							Internal Processing and Fulfillment
	Shower Timers		2,277	\$1.90	\$ 4,328							Internal Processing and Fulfillment
	Leak Detection Kits		3,027	\$0.85	\$ 2,581							Internal Processing and Fulfillment
	Leak Dye Tablets		910	\$0.19	\$ 175							Internal Processing and Fulfillment
	Credits		1	\$ (15.02)	\$ (15)							Vendor credit
Rebates												
	HET Rebates		130	\$44.86	\$ 5,832	0.0429	20	5.53	110.50	1,800,327	36,006,536	Processed internally and through SCWS (partnership)
	HECW Rebates		108	\$53.38	\$ 5,765	0.0312	20	3.37	67.39	1,097,988	21,959,751	Processed internally and through SCWS (partnership)
	Turf Removal		42,054	\$1.19	\$ 49,842	0.0000675	20	2.84	56.77	924,975	18,499,505	Processed internally and through SCWS (partnership)
	WBIC - Direct Installs		2	\$1,357.50	\$ 2,715	0.0044	10	0.009	0.09	2,867	28,675	Processed internally and through SCWS (partnership)
	WBIC Rebates		29	\$29.61	\$ 859	0.0044	10	0.128	1.28	41,579	415,788	Processed internally and through SCWS (partnership)
	Credits		1	\$ (380.00)	\$ (380)							Credit to correct billing
CARW UHET Direct Install		\$ 60,726										
	UHET Multifamily Direct Install											
PHET Direct Install Residential		\$ 49,285										
	UHET Residential Direct Install		7	\$1,938.57	\$ 13,570	0.0719	20	0.50	10.06	163,910	3,278,191	UHET direct install in multifamily complex/Orange County
Direct Install CII		\$ 60,000										
	UHET Multifamily Direct Install		2	\$1,880.00	\$ 3,760	0.0719	20	0.14	2.87	46,831	936,626	UHET direct install in multifamily complex/Orange County
Free Sprinkler Nozzles - Residential		\$ 22,164										
												Contractor Implemented Program
Free Sprinkler Nozzles - CII		\$ 15,000										
												Contractor Implemented Program
Turf Removal Inspections		\$ 5,000										
	Turf Removal /Residential Inspections		77	\$102.16	\$ 7,866							MWDOC (partnership)
HET Distributions		\$ -										
	HET Distribution		1	\$2,400.00	\$ 2,400							Web tool design and maintenance
Large Landscape Audits		\$ 28,699										
	Large Landscape Audits		1	\$4,045.00	\$ 4,045							Comprehensive indoor/outdoor audit. Savings variable estimated at 10% to 30% of water use if measures applied
CII Audits		\$ 45,227										
	Commercial Audits		30	\$1,768.33	\$ 53,050							Comprehensive indoor/outdoor audit. Savings variable estimated at 10% to 30% of water use if measures applied
CII Large Landscape Audits		\$ 18,734										
	CII Large Landscape Audits											Comprehensive indoor/outdoor audit. Savings variable estimated at 10% to 30% of water use if measures applied
Residential Audits		\$ 18,734										
	Residential		4	\$370.00	\$ 1,480							Comprehensive indoor/outdoor audit. Savings variable estimated at 10% to 30% of water use if measures applied
Marketing		\$ 11,407										
	Conservation Newspaper Ads		5	\$536.18	\$ 2,681							Conservation Event Newspaper Ads/Bill Inserts
Conservation Printing & Mailing		\$ 1,775										
	Promotional Items		44,383	\$0.53	\$ 23,658							Conservation Promo Items distributed through events and CSA
	Credits				\$ (325)							Vendor credit
Customer Education and Outreach		\$ -										
	Conservation Literature		5,000	\$0.38	\$ 1,917							Conservation Literature and Brochures
Demonstration Garden Maintenance		\$ 3,509										
			1	\$0.00	\$ -							
Event Sponsorship		\$ 10,687										
			1	\$0.00	\$ -							Rancho Santa Ana Botanical Gardens - Claremont
Event and Teur Supplies		\$ 2,220										
			2	\$41.05	\$ 82							Miscellaneous
School Education		\$ 96,320										
	Discovery Science Center School Education		1,064	\$42.69	\$ 45,419	0.0312	5	19.92	99.59	6,490,326	32,451,631	DSC w/ kit distribution for savings
	Resource Action Programs - Barstow w/SCE		52	\$18.00	\$ 936	0.0312	5	0.97	4.87	317,196	1,585,982	Resource Action Program w/ kit distribution for savings
Totals		\$ 462,688			\$ 234,497			31	349	10,568,803	118,576,702	

Authorized 2016 \$462,688
 Recorded 2016 \$234,497
 \$228,191

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.

* CII & 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://www1.eere.energy.gov/emp/technologies/esp_faucets_showerhead_calc.html#output

**GOLDEN STATE WATER COMPANY
CUSTOMER SERVICE PERFORMANCE MEASURES
2016**

	Goal	Q1	Q2	Q3	Q4	Year to Date	Comments
PHONE SYSTEM							
Total Calls Received		89,425	85,174	93,876	86,128	354,603	
Total Calls Answered		87,349	83,478	91,689	84,288	346,804	
# Calls Answered in 30 seconds		71,037	68,651	71,838	69,851	281,377	
1(A) % Calls Answered in 30 seconds	> or = 80.0%	81.33%	82.24%	78.35%	82.87%	81.13%	
# Calls Abandoned		2076	1,696	2,187	1,840	7,799	
1(B) Abandonment Rate	< or = 5.0%	2.32%	1.99%	2.33%	2.14%	2.20%	
BILLING							
Total Bills Rendered		632,006	636,254	639,288	628,763	2,536,311	
Bills Not Rendered in 7 days (10 for finals)		20	31	47	27	125	
2(A) % Bills Rendered In 7 days	> or = 99.0%	100.00%	100.0%	100.0%	100.0%	100.0%	
Inaccurate Bills Rendered		1,968	1,840	2,167	2,503	8,478	
2(B) % of Inaccurate Bills Rendered	< or = 3.0%	0.31%	0.29%	0.34%	0.40%	0.33%	
PAYMENTS							
Total Payments Posted		570,414	584,196	590,962	578,896	2,324,468	
VWC Payment Posting Errors		584	4,136	578	557	5,855	
2 (C) % of Payment Posting Errors	< or = 1.0%	0.10%	0.71%	0.10%	0.10%	0.25%	
MIETER READING							
Total Number of Meter Reads Scheduled		632006	636254	639,288	628763	2,536,311	
Total Scheduled Reads Not Read		1,769	812	1,040	1,039	4,660	
3(A) % Meters Not Read	< or = 3.0%	0.28%	0.13%	0.16%	0.17%	0.18%	
WORK ORDER COMPLETION							
Total Work Orders Scheduled		706	801	1,321	1,000	3,828	
# Scheduled Orders Missed		9	10	20	11	50	
4(A) % of Scheduled Appointments Missed	< or = 5.0%	1.27%	1.25%	1.51%	1.10%	1.31%	
Total Customer Requested Work Orders		11,495	12,282	13,780	12,349	49,906	
# Customer Requested Scheduled Orders Missed		265	205	258	309	1,037	
4(B) % Customer Requested Scheduled Orders Missed	< or = 5.0%	2.31%	1.67%	1.87%	2.50%	2.08%	
CAB COMPLAINTS							
Total # of Connections/Customers		283,412	283,675	283,971	283,987	283,987	
# of Complaints to Utility from CAB		12	15	11	14	52	
5(A) % of Complaints to Utility from CAB	< or = 0.10%	0.00%	0.01%	0.00%	0.00%	0.02%	

		Goal	Q1	Q2	Q3	Q4	Year to Date
BILLING							
Total Number of Final Bills Sent > 14 Days			0	0	0	0	0
Total Number of Final Bills			6,704	8,008	8,424	7,220	30,356
	<= 8%		0.00%	0.00%	0.00%	0.00%	0.00%

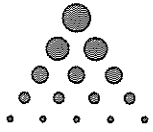
Schedule E- 4
Report on Affiliate Transactions

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

March 30, 2017

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

Re: 2016 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 2016 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, 2016

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 \$3,949,920 for the year ended December 31, 2016. 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	\$ 1,143,655	
773.10	Customer Labor Expense	4	
799.20	A&G Other Expense	2,806,260	
773.20	Customer Other Expense	1	
799.10	Rate Base Allocation to ASUS		\$ 583,738
	Total	<u>\$ 3,949,920</u>	<u>\$ 583,738</u>

- a. **Rate charged, with explanation if different rates are charged:**
During 2016, 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 2016.

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 \$17,439 (priced at the fair market value, in accordance with Affiliate Transactions Rule VI.F) for the year ended December 31, 2016. 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	\$17,439
	Total	<u>\$17,439</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 28 acre-feet in Alto Basin (Apple Valley area) were transferred from AWR to GSWC in April 2016.

V. EMPLOYEES TRANSFERRED FROM THE UTILITY TO THE AFFILIATED COMPANIES

There were no employees transferred from GSWC to ASUS during 2016.

VI. EMPLOYEES TRANSFERRED FROM THE AFFILIATED COMPANIES TO THE UTILITY

There were no employees transferred from ASUS to GSWC during 2016.

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, 2016:

<u>No.</u>	<u>Description</u>	<u>Explanation</u>
1	Name of affiliate	American States Water Company
2	Date of transaction	January 26, 2016; May 2, 2016; November 1, 2016
3	Amount of transaction	\$8,300,000 Q1; \$8,300,000 Q2; \$8,850,000 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 in debt. As of December 31, 2016, GSWC has \$61.5 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, 2016, there was \$61.5 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, 2016, GSWC had an intercompany payable amount of \$226,076 due to AWR. The maximum amount outstanding during 2016 of this inter-company payable/receivable was \$732,053 payable to AWR from GSWC and \$883,810 receivable to GSWC from AWR. The total interest income recorded in 2016 by GSWC as a result of the intercompany receivable from AWR was \$33,484. 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 2016.

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 2016.

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 2016:

- 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	2016		
	Processing Fee per Bill	Total Bills	Total Revenue
POMONA	\$ -		\$ 40 *
ARCADIA	\$ 0.35	1,031	\$ 361
CITY OF CLAREMONT	\$ 0.18	3,343	\$ 585
CYPRESS	\$ 0.35	82,381	\$ 28,833 *
GARDENA	\$ 0.38	158,678	\$ 59,544 *
GARDENA - TRASH	\$ 0.38	0	\$ - *
HAWTHORNE	\$ 0.35	75,142	\$ 26,300
WASTE MANAGEMENT-SAN DIMAS	\$ 0.35	108,349	\$ 39,512 *
SANTA MARIA	\$ 0.35	9,221	\$ 3,227 *
SANTA MARIA-CYPRESS RIDGE **	\$ 1.00	4,617	\$ 4,617 *
SOUTH GATE	\$ 0.50	15,777	\$ 8,879 *
MONTEREY PARK	\$ 0.35	166	\$ 58
PLACENTIA	\$ 0.50	65,777	\$ 32,889
TOTAL			\$ 204,845

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

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

The 2016 rental revenue for cell sites is:

- Apple Valley \$13,754
- Bay Point \$17,157

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 ½ of the Northeast ¼ of the Northeast ¼ of the Southeast ¼ 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 ¼ of the Southeast ¼ 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.

Charges From Golden State Water Company to It's Affiliates
For the 12 Months Ended December 31, 2016

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	(4)	-	(4) (a)
773.20 Allocated Customer Exp Other	(1)	-	(1) (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	(5)	-	(5)
787.00 Maintenance Labor	-	-	-
788.00 Maintenance Expenses - Other	-	-	-
789.00 TOTAL MAINT EXPENSES	-	-	-
790.00 TOTAL O&M EXCL A&G	(5)	-	(5)
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	(1,143,655)	-	(1,143,655) (a)
799.20 Alloc General Office Other	(2,806,260)	-	(2,806,260) (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	(3,949,915)	-	(3,949,915)
503.00 DEPREC & AMORT EXPENSE	-	-	-
507.10 Property Taxes	-	-	-
507.20 Payroll Taxes	-	-	- (e)
507.30 Local Taxes	-	-	-
507.40 TOTAL TAXES NOT ON INCOME	-	-	-
820.00 TOTAL EXP EXCL INC TAX	\$ (3,949,920)	\$ -	\$ (3,949,920)

- (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
2016 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.	12/14/2015	1/14/2016	31	6,000,000	1.0250%	6,000,000	1/14/2016
American States Water Co.	12/23/2015	1/25/2016	33	6,000,000	1.0875%	6,000,000	1/25/2016
American States Water Co.	1/8/2016	2/8/2016	31	6,000,000	1.0875%	6,000,000	2/8/2016
American States Water Co.	1/14/2016	2/16/2016	33	6,000,000	1.0875%	6,000,000	2/16/2016
American States Water Co.	1/25/2016	2/25/2016	31	6,000,000	1.0875%	6,000,000	2/25/2016
American States Water Co.	2/8/2016	3/8/2016	29	6,000,000	1.0875%	6,000,000	3/8/2016
American States Water Co.	2/16/2016	3/16/2016	29	6,000,000	1.0875%	6,000,000	3/16/2016
American States Water Co.	2/25/2016	3/29/2016	33	6,000,000	1.0875%	6,000,000	3/29/2016
American States Water Co.	3/1/2016	4/1/2016	31	10,000,000	1.1500%	10,000,000	4/1/2016
American States Water Co.	3/8/2016	4/8/2016	31	4,000,000	1.1500%	4,000,000	4/8/2016
American States Water Co.	3/16/2016	4/18/2016	33	6,000,000	1.1500%	6,000,000	4/18/2016
American States Water Co.	3/29/2016	4/29/2016	31	3,000,000	1.0875%	3,000,000	4/29/2016
American States Water Co.	3/31/2016	4/29/2016	29	4,000,000	1.0875%	4,000,000	4/29/2016
American States Water Co.	4/1/2016	5/3/2016	32	10,000,000	1.0875%	10,000,000	5/3/2016
American States Water Co.	4/8/2016	5/9/2016	31	4,000,000	1.1500%	4,000,000	5/9/2016
American States Water Co.	4/14/2016	5/16/2016	32	5,000,000	1.0875%	5,000,000	5/16/2016
American States Water Co.	4/15/2016	5/16/2016	31	4,000,000	1.0875%	4,000,000	5/16/2016
American States Water Co.	4/18/2016	5/18/2016	30	6,000,000	1.0875%	6,000,000	5/18/2016
American States Water Co.	4/29/2016	5/31/2016	32	3,000,000	1.0875%	3,000,000	5/31/2016
American States Water Co.	4/29/2016	5/31/2016	32	4,000,000	1.0875%	4,000,000	5/31/2016
American States Water Co.	5/3/2016	6/3/2016	31	10,000,000	1.1500%	10,000,000	6/3/2016
American States Water Co.	5/9/2016	6/9/2016	31	4,000,000	1.0875%	4,000,000	6/9/2016
American States Water Co.	5/16/2016	6/16/2016	31	5,000,000	1.0875%	5,000,000	6/16/2016
American States Water Co.	5/16/2016	6/16/2016	31	4,000,000	1.0875%	4,000,000	6/16/2016
American States Water Co.	5/18/2016	6/20/2016	33	6,000,000	1.0875%	6,000,000	6/20/2016
American States Water Co.	5/31/2016	6/30/2016	30	3,000,000	1.1500%	3,000,000	6/30/2016
American States Water Co.	5/31/2016	6/30/2016	30	4,000,000	1.1500%	4,000,000	6/30/2016
American States Water Co.	6/1/2016	7/1/2016	30	10,000,000	1.1500%	10,000,000	7/1/2016
American States Water Co.	6/3/2016	7/5/2016	32	10,000,000	1.1500%	10,000,000	7/5/2016
American States Water Co.	7/1/2016	7/6/2016	5	2,000,000	1.1500%	2,000,000	7/6/2016
American States Water Co.	6/9/2016	7/11/2016	32	4,000,000	1.1500%	4,000,000	7/11/2016
American States Water Co.	6/16/2016	7/18/2016	32	5,000,000	1.1500%	5,000,000	7/18/2016
American States Water Co.	6/16/2016	7/18/2016	32	4,000,000	1.1500%	4,000,000	7/18/2016
American States Water Co.	6/20/2016	7/20/2016	30	6,000,000	1.1500%	6,000,000	7/20/2016
American States Water Co.	6/29/2016	7/14/2016	15	2,000,000	1.1500%	2,000,000	7/14/2016
American States Water Co.	6/30/2016	7/29/2016	29	3,000,000	1.1500%	3,000,000	7/29/2016
American States Water Co.	6/30/2016	7/29/2016	29	4,000,000	1.1500%	4,000,000	7/29/2016
American States Water Co.	7/1/2016	8/1/2016	31	10,000,000	1.1500%	10,000,000	8/1/2016
American States Water Co.	7/5/2016	8/5/2016	31	10,000,000	1.1500%	10,000,000	8/5/2016
American States Water Co.	7/6/2016	8/8/2016	33	2,000,000	1.1500%	2,000,000	8/8/2016
American States Water Co.	7/11/2016	8/11/2016	31	4,000,000	1.1500%	4,000,000	8/11/2016
American States Water Co.	7/14/2016	8/15/2016	32	2,000,000	1.1500%	2,000,000	8/15/2016
American States Water Co.	7/18/2016	8/18/2016	31	5,000,000	1.1500%	5,000,000	8/18/2016
American States Water Co.	7/18/2016	8/18/2016	31	4,000,000	1.1500%	4,000,000	8/18/2016
American States Water Co.	7/20/2016	8/22/2016	33	6,000,000	1.1500%	6,000,000	8/22/2016
American States Water Co.	7/29/2016	8/30/2016	32	3,000,000	1.1500%	3,000,000	8/30/2016
American States Water Co.	7/29/2016	8/30/2016	32	4,000,000	1.1500%	4,000,000	8/30/2016
American States Water Co.	8/1/2016	9/1/2016	31	10,000,000	1.1500%	10,000,000	9/1/2016
American States Water Co.	8/5/2016	9/6/2016	32	10,000,000	1.1500%	10,000,000	9/6/2016
American States Water Co.	8/8/2016	9/8/2016	31	2,000,000	1.1500%	2,000,000	9/8/2016
American States Water Co.	8/11/2016	9/12/2016	32	4,000,000	1.2125%	4,000,000	9/12/2016
American States Water Co.	8/15/2016	9/15/2016	31	2,000,000	1.2125%	2,000,000	9/15/2016
American States Water Co.	8/18/2016	9/19/2016	32	5,000,000	1.2125%	5,000,000	9/19/2016
American States Water Co.	8/18/2016	9/19/2016	32	4,000,000	1.2125%	4,000,000	9/19/2016
American States Water Co.	8/22/2016	9/22/2016	31	6,000,000	1.2125%	6,000,000	9/22/2016
American States Water Co.	8/30/2016	9/30/2016	31	3,000,000	1.2125%	3,000,000	9/30/2016
American States Water Co.	8/30/2016	9/30/2016	31	4,000,000	1.2125%	4,000,000	9/30/2016
American States Water Co.	9/1/2016	10/3/2016	32	10,000,000	1.2125%	10,000,000	10/3/2016
American States Water Co.	9/6/2016	10/6/2016	30	10,000,000	1.2125%	10,000,000	10/6/2016
American States Water Co.	9/8/2016	10/11/2016	33	2,000,000	1.2125%	2,000,000	10/11/2016
American States Water Co.	9/9/2016	10/11/2016	32	3,000,000	1.2125%	3,000,000	10/11/2016
American States Water Co.	9/12/2016	10/12/2016	30	4,000,000	1.2125%	4,000,000	10/12/2016
American States Water Co.	9/12/2016	10/12/2016	30	1,000,000	1.2125%	1,000,000	10/12/2016
American States Water Co.	9/15/2016	10/17/2016	32	2,000,000	1.2125%	2,000,000	10/17/2016
American States Water Co.	9/19/2016	10/19/2016	30	5,000,000	1.2125%	5,000,000	10/19/2016
American States Water Co.	9/19/2016	10/19/2016	30	4,000,000	1.2125%	4,000,000	10/19/2016
American States Water Co.	9/22/2016	10/24/2016	32	6,000,000	1.2125%	6,000,000	10/24/2016

American States Water Co.	9/30/2016	10/31/2016	31	3,000,000	1.2125%	3,000,000	10/31/2016
American States Water Co.	9/30/2016	10/31/2016	31	4,000,000	1.2125%	4,000,000	10/31/2016
American States Water Co.	10/3/2016	11/3/2016	31	10,000,000	1.2125%	10,000,000	11/3/2016
American States Water Co.	10/6/2016	11/7/2016	32	10,000,000	1.2125%	10,000,000	11/7/2016
American States Water Co.	10/12/2016	11/14/2016	33	4,000,000	1.2125%	4,000,000	11/14/2016
American States Water Co.	10/12/2016	11/14/2016	33	1,000,000	1.2125%	1,000,000	11/14/2016
American States Water Co.	10/17/2016	11/17/2016	31	2,000,000	1.2125%	2,000,000	11/17/2016
American States Water Co.	10/19/2016	11/21/2016	33	5,000,000	1.2125%	5,000,000	11/21/2016
American States Water Co.	10/19/2016	11/21/2016	33	4,000,000	1.2125%	4,000,000	11/21/2016
American States Water Co.	10/24/2016	11/25/2016	32	6,000,000	1.2125%	6,000,000	11/25/2016
American States Water Co.	10/31/2016	11/30/2016	30	3,000,000	1.2125%	3,000,000	11/30/2016
American States Water Co.	10/31/2016	11/30/2016	30	4,000,000	1.2125%	4,000,000	11/30/2016
American States Water Co.	11/3/2016	12/5/2016	32	10,000,000	1.2125%	10,000,000	12/5/2016
American States Water Co.	11/7/2016	12/7/2016	30	10,000,000	1.2125%	10,000,000	12/7/2016
American States Water Co.	11/14/2016	12/14/2016	30	4,000,000	1.2125%	4,000,000	12/14/2016
American States Water Co.	11/14/2016	12/14/2016	30	1,000,000	1.2125%	1,000,000	12/14/2016
American States Water Co.	11/17/2016	12/19/2016	32	2,000,000	1.2125%	2,000,000	12/19/2016
American States Water Co.	11/21/2016	12/21/2016	30	5,000,000	1.2125%	5,000,000	12/21/2016
American States Water Co.	11/21/2016	12/21/2016	30	4,000,000	1.2125%	4,000,000	12/21/2016
American States Water Co.	11/25/2016	12/28/2016	33	6,000,000	1.2750%	6,000,000	12/28/2016
American States Water Co.	11/30/2016	12/30/2016	30	3,000,000	1.2750%	3,000,000	12/30/2016
American States Water Co.	11/30/2016	12/30/2016	30	4,000,000	1.2750%	4,000,000	12/30/2016
American States Water Co.	12/1/2016	1/3/2017	33	10,000,000	1.2750%		1/3/2017
American States Water Co.	12/5/2016	1/5/2017	31	10,000,000	1.3375%		1/5/2017
American States Water Co.	12/7/2016	1/9/2017	33	10,000,000	1.3375%		1/9/2017
American States Water Co.	12/14/2016	1/17/2017	34	13,000,000	1.4000%		1/17/2017
American States Water Co.	12/14/2016	1/17/2017	34	4,000,000	1.4000%		1/17/2017
American States Water Co.	12/14/2016	1/17/2017	34	1,000,000	1.4000%		1/17/2017
American States Water Co.	12/21/2016	1/23/2017	33	5,000,000	1.4000%		1/23/2017
American States Water Co.	12/21/2016	1/23/2017	33	2,000,000	1.4000%		1/23/2017
American States Water Co.	12/28/2016	1/30/2017	33	6,000,000	1.4625%		1/30/2017
American States Water Co.	12/30/2016	1/30/2017	31	500,000	1.4625%		1/30/2017
Total - Balance at year end				61,500,000			

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

January 11, 2017

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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 2017 Affiliate Transaction Rules Compliance Plan ("2017 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 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 affiliates;
- Collection of companywide records for required reports and reviews;
- Monitoring affiliate transactions and overall compliance on a continuing basis; and
- Additional training and corrective actions as needed
- Biennial independent audits

GSWC's Regulatory Affairs Department, which reports to President and Chief Executive Officer, has implemented this 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 type. Following each Rule, in normal type, is GSWC's Plan (where applicable).

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

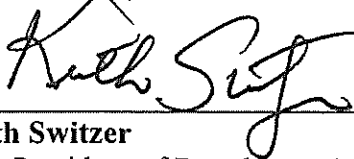
- (1) Written policies, which are disseminated to employees of GSWC and those subsidiaries that are governed by these Rules, and which describe these Rules and their obligations hereunder;
- (2) Employees of GSWC, who provide permitted corporate support or shared services and who have access to non-public 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 affiliates are tracked by GSWC to ensure that they conform to the Rules.

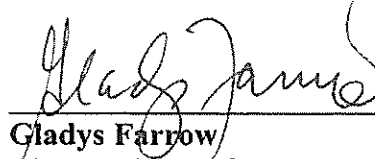
GSWC recognizes that many of these rules are identical or very similar in nature to GSWC's Holding Company Rules ("Holding Company Rules") adopted by the Commission with Decision 98-06-068 on June 18, 1998. GSWC has included a comparison of the Holding Company Rules to these Rules in Appendix B to the 2017 Plan. Also, where applicable, GSWC has noted the Holding Company Rule related to these Rules in its 2017 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"), only 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; 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, only 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. ASUS' operations, 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. 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 Alamosa Barrier Project
- Los Osos Basin Management Committee
- Main San Gabriel Basin Watermaster
- 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 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”.

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.

Investment management companies that acquire more than 10% of AWR’S outstanding shares are considered an Affiliate of the Utility. However, no affiliate transactions occur between the investment management companies and GSWC.

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, only 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. ASUS' operations 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, only 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. ASUS' operations 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 publicly traded Company, 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 for compliance by 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 Advocates¹ 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.

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.

¹ 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 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:

Furthermore, 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.

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.A, VI.B, VI.C, VI.D, VI.E, VI.F, and VI.G:

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:

As a publicly traded company, 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,² 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**

² Decision 10-10-019 erroneously references Rule II.D.

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 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 auditor, 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 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 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, 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 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	Subsidiary's Line of Business	Primary Location of Subsidiary	Applicability of Rules
American States Utility Services	Operate Water and Sewer Distribution System on Military Bases	Santa Ana, CA	Yes
Fort Bliss Water Services Company	Operate Water and Sewer Distribution System	Fort Bliss, Texas	Yes
Old North Utility Services, Inc.	Operate Water and Sewer Distribution System	North Carolina	Yes
Old Dominion Utility Services, Inc.	Operate Water and Sewer Distribution System	Virginia	Yes
Palmetto State Utility Services, Inc.	Operate Water and Sewer Distribution System	South Carolina	Yes
Terrapin Utility Services, Inc.	Operate Water and Sewer Distribution System	Maryland	Yes
Emerald Coast Utility Services, Inc.	Operate Water and Sewer Distribution System	Florida	Yes

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

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

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.

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

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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 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.

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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.

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.

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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

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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 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.

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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.

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

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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 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.

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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,

(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.

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Comment:

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

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.

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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 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.

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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.

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

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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 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;

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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.

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

Attachment 1 of Appendix A in D.98-06-068 explains 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.

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

Attachment 1 of Appendix A in D.98-06-068 explains details of what is to be included.

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.

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

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

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- 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
 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
- D. 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

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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

E. 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
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

F. 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

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

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

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."

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

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, 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**

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

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.

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

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.**

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

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

**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 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: Project Number 3410015-006
 Date Hired: 2009

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

Meter Size	No. of Metered Customers (PER ACTUAL BILLING'S BILL COUNTS, not the active counts as of 12/31/2016) * Bi-Monthly*	No. of Metered Customers (PER ACTUAL BILLING'S BILL COUNTS, not the active counts as of 12/31/2016) *Monthly*	Monthly Surcharge Per Customer (per Advice Letter 1500-W) Rate per / month
\$ 303,651			
5/8 X 3/4 inch	14,179	20	\$ 0.75
3/4 inch	57,371	73	1.13
1 inch	7,330	404	1.88
1 1/2 inch	586	180	3.75
2 inch	4,373	1,881	6
3 inch including special meter size	179	1,384	11.25
4 inch	31	169	18.75
6 inch		59	37.5
8 inch		12	60
10 inch		12	86.25
Number of Flat Rate Customers	10,517	-	1.4
Total	94,566	4,194	

3. Summary of the bank account activities showing:

Balance at beginning of year	\$	174,004
Deposits during the year		347,956
Interest earned for calendar year		17
Withdrawals from this account		(316,324)
Balance at end of year	\$	205,653

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

Payment for the semi-annual debt payment (to cover both principal and interest payments).

**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 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: _____
 Date Hired: 2010

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

N/A, Proposition 50 Grant

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

3. Summary of the bank account activities showing:

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:

**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 loan surcharge collection for the calendar year. Please use one page per loan.

1. Current Fiscal Agent:

Name: First 5 LA
 Address: 750 N. Alameda St. Suite 300
 Phone Number: 213-482-5902
 Account Number: _____
 Date Hired: 2011

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

N/A, Grant

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

3. Summary of the bank account activities showing:

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:

**FOR ALL WATER COMPANIES
SAFE DRINKING WATER BOND ACT/STATE REVOLVING FUND DATA (Continued)**

5. Plant amounts included in Schedule A-1a, Account No. 101--Water Plant in Service which were funded using SDWBA or SRF funds:

Line No.	Acct. No.	Title of Account (a)	Balance Beginning of Year (b)	Plant Additions During Year (c)	Plant Retirements During Year (d)	Other Debits* or (Credits) (e)	Balance End of Year (f)
1		NON-DEPRECIABLE PLANT					
2	301	Intangible plant					
3	303	Land					
4		Total non-depreciable plant					
5		DEPRECIABLE PLANT					
6	304	Structures					
7	307	Wells					
8	317	Other water source plant					
9	311	Pumping equipment					
10	320	Water treatment plant					
11	330	Reservoirs, tanks and sandpipes					
12	331	Water mains					
13	333	Services and meter installations					
14	334	Meters					
15	335	Hydrants					
16	339	Other equipment					
17	340	Office furniture and equipment					
18	341	Transportation equipment					
19		Total depreciable plant					
20		Total water plant in service					

See attached A-24(a)

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:

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DECLARATION

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

I, the undersigned Gladys 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, 2016, through December 31, 2016.

Vice President - Finance, Treasurer and Assistant Secretary
Title (Please Print)


Signature

909-394-3600
Telephone Number

28-Apr-17
Date