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**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Application of California-American Water Company (U210W) for Authorization to Increase its Revenues for Water Service by \$4,134,600 or 2.55% in the year 2011, by \$33,105,800 or 19.68% in the year 2012, by \$9,897,200 or 4.92% in the year 2013, and by \$10,874,600 or 5.16% in the year 2014.

A.10-07-007
(Filed July 1, 2010)

**CALIFORNIA-AMERICAN WATER (U210W)
UPDATE TO GENERAL RATE CASE APPLICATION
UPDATED EXHIBIT A: SACRAMENTO - SERVICE COMPANY
ATTACHMENT 1, VOLUME 2 OF 2**

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Dated: October 11, 2010

**SACRAMENTO
DISTRICT**

CALIFORNIA AMERICAN WATER

2010 GENERAL RATE CASE

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EXHIBIT A

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains information regarding the operation of the Sacramento District of California American Water as well as tables that summarize the primary causes of the requested rate increase for customers of the district.

OVERVIEW OF THE SACRAMENTO DISTRICT OPERATION

The following information regarding the corporate and operating history and current day-to-day operations of the Sacramento District of California American Water will assist the California Public Utilities Commission (CPUC) and parties reviewing this Application in understanding the development of the district, the unique nature of the service territory and other issues faced by the district throughout its history that have shaped the present operation.

Also discussed are issues that are being addressed by the district in order to continue to provide quality service to the customers it serves and issues faced by the district on a daily basis as consideration is given to whether the requested increase in revenue requirements will be adequate to continue to address daily service needs.

HISTORY OF THE SACRAMENTO DISTRICT OPERATION

In 1928, the Public Utilities Corporation (the name was later changed to Citizens Utilities Company of California on November 14, 1949) purchased the North Sacramento Light and Water Company. Citizens Utilities Company of California was a wholly-owned subsidiary of the Public Utilities Consolidated Corporation, incorporated in Arizona on July 23, 1927. All property and assets of Public Utilities Consolidated Corporation were acquired by Citizens Utilities Company on November 30, 1935.

On March 30, 1956 Citizens Utilities Company purchased the Parkway Water Company that had provided water service to a subdivision known as Parkway Estates in South Sacramento for two years. Citizens Utilities Company also purchased the water facilities in Cordova Towne area south of the American River in East Sacramento from S. and J. Homes on September 24, 1956 as authorized by the CPUC in Decisions 53807 and 53808. The nearby Rosemont service area was acquired from Rosemont Development Company on October 31, 1956 as authorized by the CPUC in Decision 38126. These various service areas were consolidated into the Citizens Suburban Company, which was a wholly-owned subsidiary of Citizens Utilities Company.

Royal Oaks Water Company purchased water system properties in northwestern Sacramento County on March 12, 1957 as authorized by the CPUC in Decision 54680. Fremont

Valley Water Company purchased the water system properties in the City of Isleton in southern Sacramento County on April 18, 1961 as authorized by the CPUC in Decision 61841. Fremont Valley Water Company was then incorporated as Isleton Water Company on April 24, 1961. Much of the service area in North Sacramento, with the exception of the present Arden system was purchased by the City of North Sacramento on May 25, 1962 upon completion of condemnation proceedings. On June 22, 1965, Citizens Suburban Company, Parkway Water Company, Royal Oaks Water Company, Lincoln Oaks Water Company and Isleton Water Company were merged with Citizens Utilities Company of California as authorized by the CPUC in Decision 69258.

On February 15, 1991 Citizens Utilities Company of California purchased the assets of Walnut Grove Water Service as authorized by the CPUC in Decision 91-01-032. On October 28, 1994, Citizens Utilities Company of California was granted a franchise to commence the installation and maintenance of water systems in West Placer County. In January 2002, American Water Works Company, Inc. purchased the water and wastewater assets of Citizens Utilities Company including Citizens Utilities of California. For operating purposes, the service areas of Citizens Utilities Company of California became part of California American Water, a wholly-owned subsidiary of American Water. The acquisition and organization were authorized by the CPUC in Decision 01-09-057.

PRESENT OPERATIONS OF THE SACRAMENTO DISTRICT

District Operations and Personnel

The Sacramento District Operation Center is located at 4701 Beloit Drive, Sacramento, California. This facility provides accommodations for administrative, distribution and production employees as well as housing for trucks, equipment and materials and supplies needed to provide daily water service.

Presently, there are 54 employees that work directly from the Operation Center. This number includes the Northern Division General Manager, Operations Manager, 6 Supervisors and 3 Foreman. The remaining 43 employees are administrative staff or employees assigned to Production and Distribution system activities.

Service Areas

The Sacramento District provides water service to areas of Sacramento and Placer County. The service area for the Sacramento District is located north, east and south of the City

of Sacramento. The service area also includes an area west of the City of Roseville in Placer County and the smaller communities of Isleton and Walnut Grove located southwest of the City of Sacramento. The Sacramento District consists of ten distinct water systems that are operated independently but are consolidated into one for rate making purposes. Those ten systems are Antelope, Arden, Isleton, Lincoln Oaks, Parkway, Rosemont, Security Park, Suburban, Walnut Grove and West Placer.

The Sacramento District is located near the geographical center of the Central Valley of California at the confluence of the Sacramento and American Rivers. The climate of Sacramento is characterized by hot, dry summers and cool, rainy winters. Annual precipitation is about 19 inches.

Franchises and Operating Rights

The portion of the facilities necessary to provide service to customers of the Sacramento District that are not located on property owned by California American Water have been primarily installed either based on a grant of right-of-way by developers, or in roads and streets as required by grants of service.

Easements and right-of-ways are held for facilities operated on private property, including both transmission and distribution mains and appurtenances.

Ordinances granting operating franchises for the Sacramento District are listed below:

Water System	Issuer	Ordinance Number	Effective Date	Term	%/Rev Annual Fees
Parkway	Sacramento County	1513	9-16-53	50 yrs	2%
Lincoln Oaks	Sacramento County	488	5-6-55	50 yrs	2%
Parkway	Sacramento County	489	5-6-55	50 yrs	2%
Parkway	Sacramento County	492	6-16-55	50 yrs	2%
Suburban	Sacramento County	500	8-20-55	50 yrs	2%
Lincoln Oaks	Sacramento County	540	8-24-56	50 yrs	2%
Suburban	Sacramento County	542	9-5-56	50 yrs	2%
Parkway	Sacramento County	713	9-22-60	50 yrs	2%
Parkway	Sacramento County	878	5-27-66	50 yrs	2%
Security Park	Sacramento County	1223	3-19-79	50 yrs	2%
Security Park	Sacramento County	1228	6-5-80	50 yrs	2%
Security Park	Sacramento County	1248	8-26-82	50 yrs	2%
Security Park	Sacramento County	1254	12-1-82	50 yrs	2%

West Placer	Placer County	4609-B	10-28-94	50 yrs	2%
Suburban	Rancho Cordova	53-2006	9-18-06	15 yrs	2%

Sacramento County authorized the assignment of the above-related franchises to operate in County right-of-ways from Citizens Utilities Company of California to California American Water by Resolution No. 2001-1046, effective September 18, 2001.

Placer County authorized the assignment of franchise to operate in County right-of-ways from Citizens Utilities Company of California to California American Water by Ordinance 5128-D.

To the extent that additional business license taxes or similar requirements have been imposed by local ordinance, the required licenses have in every instance been obtained and license fees paid.

Sources of Water Supply

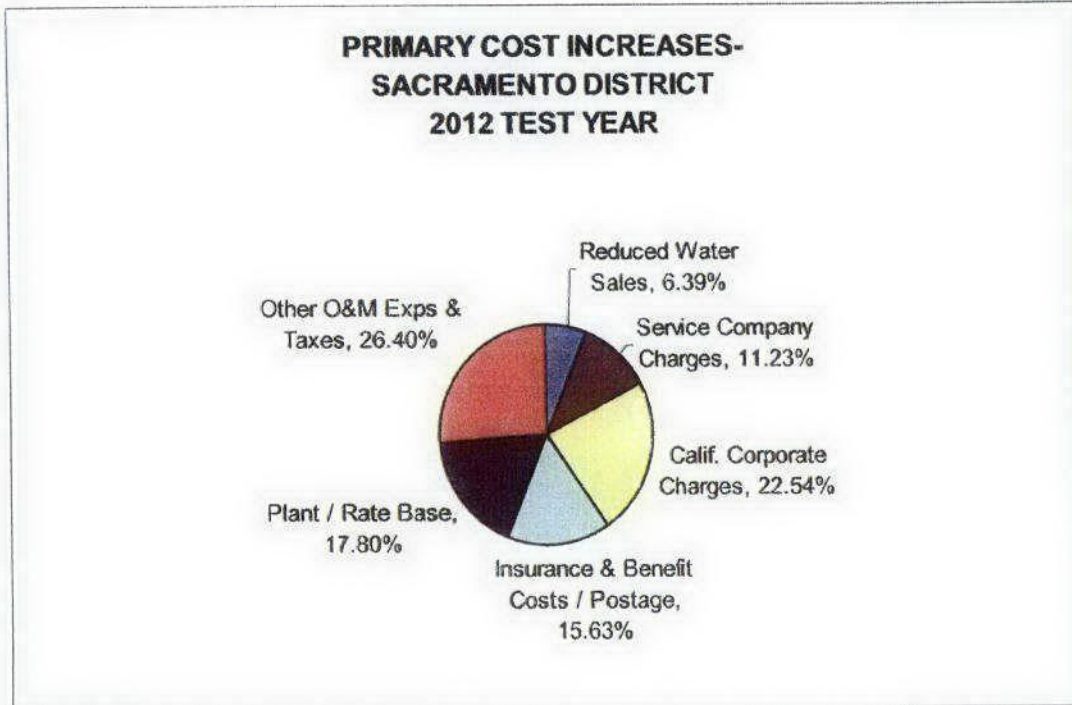
The water supply for the Sacramento District comes mainly from more than 100 groundwater wells located strategically throughout the service areas. A small percentage is purchased treated surface water. Treated surface water is obtained through water supply agreements between California American Water and both the City of Sacramento and the Placer County Water Agency. Limited, interruptible amounts of water are also obtained from Sacramento Suburban Water District under the terms of the applicable purchase agreement.

The agreement with the City of Sacramento provides for a maximum supply of water not to exceed 2,580 acre-feet annually, with limitations for on-peak and off-peak periods. The agreement with Placer County Water Agency provides for the supply of daily quantities of water to meet the needs of customers in the prescribed West Placer service area.

The Sacramento District currently maintains eleven primary tanks in its distribution system with a combined storage capacity of 13.8 million gallons. The Sacramento District also operates six major water treatment plants at its Countryside, Vintage, Parksite, Isleton, Rose Parade and Walnut Grove locations. A main booster facility is operated in the Parkway system to pump purchased water from the City of Sacramento.

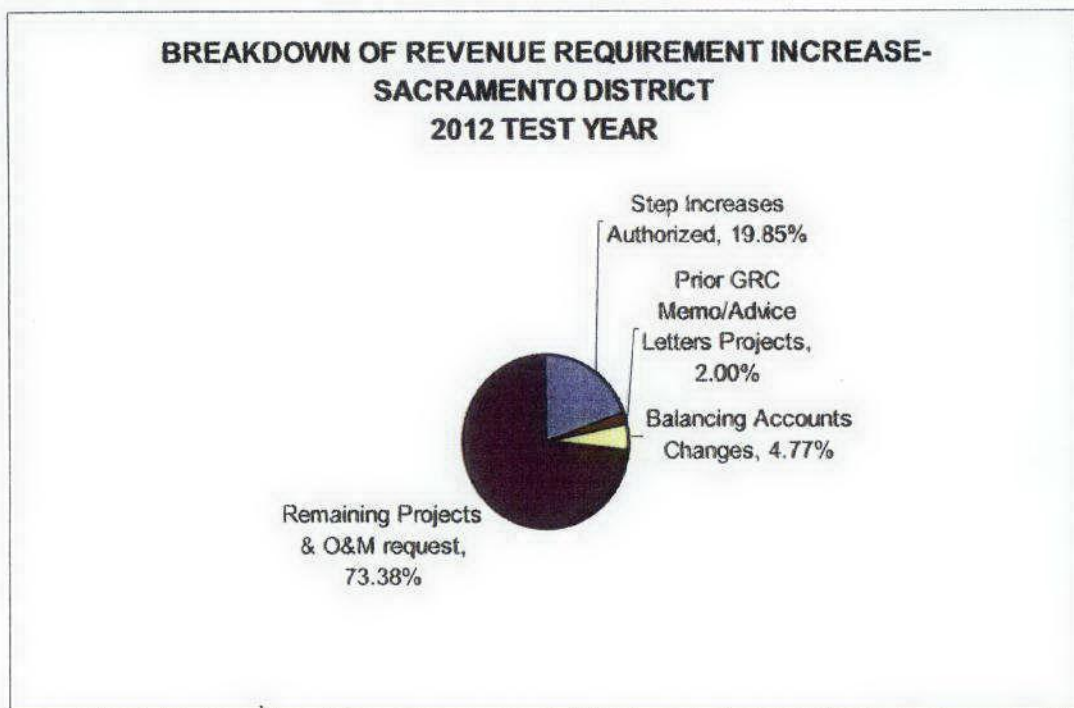
OVERVIEW OF THE SACRAMENTO DISTRICT OPERATION

The chart below shows the percentage portion of the requested revenue requirement increase by primary cost component:



The chart below shows the percentage of the revenue requirement increase attributable to previously authorized increases by the CPUC, pending matters before the CPUC, if any, and the remaining portion being requested in the current application.

Previously authorized increases by the CPUC can include prior GRC step increases, balancing accounts for purchased water and power, capital project advice letters and memorandum accounts.



DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

Information in this chapter contains tables that summarize earnings information and calculations at present and proposed rates presented as follows:

Table 2.1 – Comparative Summary of Earnings

This table contains a detailed summary of earnings for the 2012 Test Year at present and proposed rates as filed by California American Water. The table also contains columns for the inclusion and comparison of a detailed summary of earnings for the 2012 Test Year at present and proposed rates that will be filed by the Division of Ratepayer Advocates (DRA) during the processing of the application. For further comparison, the table contains a column for details of the summary of earnings for the 2012 Test Year adopted by the CPUC in its final decision regarding this application.

Table 2.2 – Summary of Earnings at Proposed Rates

This table contains a detailed summary of earnings for 2012 Test Year, 2013 Escalation Year and 2014 Attrition Year at Proposed rates as filed by California American Water in this application.

Table 2.3 – Summary of Earnings at Present Rates

This table contains a detailed summary of earnings for the recorded years 2005-2009, Estimated Years 2010 and 2011, Test Year 2012, Escalation Year 2013, Attrition Year 2014 and adopted amounts from the most recent rate case filed by California American Water at present and proposed rates.

Table 2.4 – Summary of Revenue Requirement Calculation

This table contains calculations of revenue requirements for 2012 Test Year, 2013 Escalation Year and 2014 Attrition Year based on financial information presented by California American Water in this application.

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE SUMMARY OF EARNINGS
FOR TEST YEAR AT PRESENT AND PROPOSED RATES
IN THOUSANDS 000s**

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	<u>At Present Rates</u>		<u>At Proposed Rates</u>		<u>Adopted Rates</u>
	<u>CAW</u>	<u>DRA</u>	<u>CAW</u>	<u>DRA</u>	<u>CPUC</u>
Operating Revenues					
Water	\$44,150.7	\$0.0	\$54,330.5	\$0.0	\$0.0
Operating Expenses					
Payroll	\$3,206.6	\$0.0	\$3,206.6	\$0.0	\$0.0
Purchased Water	\$2,429.8	\$0.0	\$2,429.8	\$0.0	\$0.0
Purchased Power	\$2,552.3	\$0.0	\$2,552.3	\$0.0	\$0.0
Chemicals	\$617.5	\$0.0	\$617.5	\$0.0	\$0.0
Uncollectibles	\$289.9	\$0.0	\$357.3	\$0.0	\$0.0
Other Operating & Maint.	\$2,503.8	\$0.0	\$2,503.8	\$0.0	\$0.0
Insurance	\$7.8	\$0.0	\$7.8	\$0.0	\$0.0
Pension & Benefits	\$292.5	\$0.0	\$292.5	\$0.0	\$0.0
Outside Services	\$554.5	\$0.0	\$554.5	\$0.0	\$0.0
Other Admin & General	\$1,563.6	\$0.0	\$1,563.6	\$0.0	\$0.0
Rents	\$15.1	\$0.0	\$15.1	\$0.0	\$0.0
Subtotal	\$14,033.5	\$0.0	\$14,100.8	\$0.0	\$0.0
Service Company	\$4,379.6	\$0.0	\$4,379.6	\$0.0	\$0.0
California Corporate General Of	\$7,614.7	\$0.0	\$7,614.7	\$0.0	\$0.0
Citizens Acquisition Premium	\$1,605.3	\$0.0	\$1,605.3	\$0.0	\$0.0
RWE Expense Savings	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total Operating Expense	\$27,633.1	\$0.0	\$27,700.4	\$0.0	\$0.0
Depreciation	\$7,959.2	\$0.0	\$7,959.2	\$0.0	\$0.0
Ad Valorem/Franchise Taxes	\$1,889.5	\$0.0	\$1,889.5	\$0.0	\$0.0
Payroll Taxes	\$224.3	\$0.0	\$224.3	\$0.0	\$0.0
Total Exp. Before Inc. Taxes	\$37,706.0	\$0.0	\$37,773.4	\$0.0	\$0.0
Net Revenue Before Inc. Taxes	\$6,444.6	\$0.0	\$16,557.1	\$0.0	\$0.0
State Income Taxes	\$79.4	\$0.0	\$973.3	\$0.0	\$0.0
Federal Income Taxes	\$227.3	\$0.0	\$3,713.2	\$0.0	\$0.0
Total Expenses	\$38,012.7	\$0.0	\$42,459.9	\$0.0	\$0.0
Net Operating Revenue	\$6,137.9	\$0.0	\$11,870.6	\$0.0	\$0.0
Rate Base	\$147,645.6	\$0.0	\$147,645.6	\$0.0	\$0.0
Rate of Return	4.16%	0.00%	8.04%	0.00%	0.00%

CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
SUMMARY OF EARNINGS AT PROPOSED RATES
IN THOUSANDS 000s

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	Test Year 2012	Escalation Year 2013	Attrition Year 2014	Reference
Operating Revenues	\$54,330.5	\$57,974.7	\$62,080.3	Table 2.4
Operating Expenses				
Payroll	\$3,206.6	\$3,308.0	\$3,420.4	Table 2.3
Purchased Water	\$2,429.8	\$2,505.2	\$2,505.2	Table 2.3
Purchased Power	\$2,552.3	\$2,631.4	\$2,631.4	Table 2.3
Chemicals	\$617.5	\$636.6	\$656.4	Table 2.3
Uncollectibles	\$357.3	\$381.2	\$408.2	Calculated
Other Operating & Maintenance	\$2,503.8	\$2,658.3	\$2,740.8	Table 2.3
Insurance	\$7.8	\$8.1	\$8.3	Table 2.3
Pensions & Benefits	\$292.5	\$301.6	\$311.9	Table 2.3
Outside Services	\$554.5	\$571.7	\$586.0	Table 2.3
Other Admin & General	\$1,563.6	\$1,611.1	\$1,661.1	Table 2.3
Rents	\$15.1	\$15.5	\$15.9	Table 2.3
Subtotal	\$14,100.8	\$14,628.8	\$14,945.6	
Service Company	\$4,379.6	\$4,533.1	\$4,673.6	Table 2.3
California Corporate General Office	\$7,614.7	\$7,664.7	\$7,902.4	Table 2.3
Citizens Acquisition Premium	\$1,605.3	\$1,551.8	\$1,551.8	Table 2.3
Total Operating Expense	\$27,700.4	\$28,378.3	\$29,073.3	
Depreciation	\$7,959.2	\$8,870.9	\$9,782.6	Table 2.3
Ad Valorem/Franchise Taxes	\$1,889.5	\$2,105.7	\$2,359.0	Table 2.3
Payroll Taxes	\$224.3	\$231.2	\$239.1	Table 2.3
Total Expense Before Income Taxes	\$37,773.4	\$39,586.2	\$41,454.0	
Net Revenue Before Income Taxes	\$16,557.1	\$18,388.4	\$20,626.2	
State Income Taxes	\$973.3	\$1,068.2	\$1,199.0	Chap 6 Table 6.2
Federal Income Taxes	\$3,713.2	\$3,827.2	\$4,311.8	Chap 6 Table 6.2
Total Expenses	\$42,459.9	\$44,481.6	\$46,964.8	
Net Operating Revenues	\$11,870.6	\$13,493.0	\$15,115.4	
AVERAGE RATE BASE	\$147,645.6	\$167,828.7	\$188,011.7	Table 2.3
RATE OF RETURN	8.04%	8.04%	8.04%	

CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
SUMMARY OF EARNINGS AT PRESENT RATES
IN THOUSANDS 000s

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	Recorded Year 2005	Recorded Year 2006	Recorded Year 2007	Recorded Year 2008	Recorded Year 2009
Operating Revenues	\$25,101.3	\$25,225.5	\$27,106.6	\$33,851.1	\$33,612.2
Operating Expenses					
Payroll	\$2,135.6	\$2,233.5	\$2,560.7	\$2,651.0	\$2,716.7
Purchased Water	\$717.3	\$1,199.3	\$1,225.8	\$1,649.4	\$1,295.6
Purchased Power	\$2,636.0	\$2,409.3	\$2,503.6	\$2,565.2	\$2,575.0
Chemicals	\$260.3	\$383.5	\$447.0	\$607.3	\$549.6
Uncollectibles	\$164.8	\$165.6	\$178.0	\$222.3	\$220.7
Other Operating & Maintenance	\$971.3	\$1,066.6	\$1,584.5	\$1,500.8	\$1,230.4
Insurance	\$4.5	\$0.0	\$6.8	\$21.5	\$2.5
Pensions & Benefits	\$243.4	\$280.9	\$150.4	\$164.2	\$210.7
Outside Services	\$1,061.7	\$599.6	\$806.6	-\$57.5	\$94.1
Other Admin & General	\$1,596.3	\$1,379.0	\$1,298.3	\$1,304.2	\$1,174.9
Rents	\$9.1	\$10.3	\$17.8	\$19.9	\$11.0
Subtotal	\$9,800.5	\$9,727.7	\$10,779.6	\$10,648.3	\$10,081.1
Service Company	\$3,685.1	\$4,890.5	\$4,495.5	\$4,155.2	\$3,894.0
California Corporate General Office	\$2,468.4	\$3,009.9	\$3,399.6	\$4,996.1	\$5,914.5
Citizens Acquisition Premium	\$2,283.8	\$2,221.4	\$2,259.0	\$1,798.1	\$1,743.8
Total Operating Expense	\$18,237.8	\$19,849.4	\$20,933.6	\$21,597.7	\$21,633.4
Depreciation	\$4,267.6	\$4,681.5	\$5,416.8	\$6,621.8	\$7,255.9
Ad Valorem & Franchise Taxes	\$821.3	\$866.5	\$987.1	\$1,109.1	\$1,308.5
Payroll Taxes	\$153.5	\$160.6	\$184.1	\$190.6	\$195.3
Total Expense Before Income Taxes	\$23,480.2	\$25,558.1	\$27,521.6	\$29,519.2	\$30,393.1
Net Revenue Before Income Taxes	\$1,621.2	-\$332.5	-\$415.0	\$4,331.9	\$3,219.1
State Income Taxes	-\$18.0	-\$232.6	-\$295.8	\$69.4	-\$82.0
Federal Income Taxes	-\$64.9	-\$914.7	-\$1,089.9	\$378.2	-\$348.9
Total Expenses	\$23,397.3	\$24,410.8	\$26,135.9	\$29,966.8	\$29,962.2
Net Operating Revenues	\$1,704.1	\$814.8	\$970.7	\$3,884.3	\$3,650.0
AVERAGE RATE BASE	\$48,524.6	\$61,194.3	\$78,035.4	\$94,422.7	\$110,376.2
RATE OF RETURN	3.51%	1.33%	1.24%	4.11%	3.31%

CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 SUMMARY OF EARNINGS AT PRESENT RATES
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	2
TABLE:	2.3
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Estimated Year 2010	Estimated Year 2011	Test Year 2012	Escalation Year 2013 @ 2010 Rates	Attrition Year 2014	2010 Adopted Per Pending A 09-01-013	Reference
\$43,719.2	\$43,948.8	\$44,150.7	\$54,330.5	\$57,974.7	\$44,798.4	Chap 3, Tables 3.17 & .18
\$2,853.0	\$2,944.8	\$3,206.6	\$3,308.0	\$3,420.4	\$3,146.1	Chap. 4 Tables 4.1
\$1,957.5	\$2,026.2	\$2,429.8	\$2,505.2	\$2,505.2	\$2,280.0	Chap. 4 Tables 4.1
\$2,549.7	\$2,552.9	\$2,552.3	\$2,631.4	\$2,631.4	\$2,218.5	Chap. 4 Tables 4.1
\$593.0	\$603.7	\$617.5	\$636.6	\$656.4	\$633.7	Chap. 4 Tables 4.1
\$287.1	\$288.6	\$289.9	\$357.3	\$381.2	\$321.1	Chap. 4 Tables 4.1
\$1,681.7	\$1,753.0	\$2,503.8	\$2,658.3	\$2,740.8	\$2,191.6	Chap. 4 Tables 4.1
\$7.3	\$7.6	\$7.8	\$8.1	\$8.3	\$590.2	Chap. 4 Tables 4.5
\$263.5	\$272.0	\$292.5	\$301.6	\$311.9	\$1,249.5	Chap. 4 Tables 4.5
\$521.0	\$537.4	\$554.5	\$571.7	\$586.0	\$37.0	Chap. 4 Tables 4.5
\$1,415.7	\$1,453.5	\$1,563.6	\$1,611.1	\$1,661.1	\$1,900.7	Chap. 4 Tables 4.5
\$14.2	\$14.6	\$15.1	\$15.5	\$15.9	\$23.9	Chap 4 Tables 4.5
\$12,143.7	\$12,454.5	\$14,033.5	\$14,604.9	\$14,918.6	\$14,592.3	
\$4,030.0	\$4,229.2	\$4,379.6	\$4,533.1	\$4,673.6	\$4,816.6	Chap. 4 Tables 4.1
\$5,798.6	\$6,521.5	\$7,614.7	\$7,664.7	\$7,902.4		Chap. 4 Tables 4.1
\$1,711.9	\$1,658.4	\$1,605.3	\$1,551.8	\$1,551.8	\$1,771.7	Chap. 4 Tables 4.1
\$23,684.2	\$24,863.5	\$27,633.1	\$28,354.4	\$29,046.4	\$21,180.6	Calculated
\$8,731.1	\$9,495.4	\$7,959.2	\$8,870.9	\$9,782.6	\$8,496.7	Chap 8 Table 8.4
\$1,578.6	\$1,686.8	\$1,889.5	\$2,105.7	\$2,359.0	\$1,546.6	Chap 5 Table 5.1
\$205.1	\$211.7	\$224.3	\$231.2	\$239.1	\$301.3	Chap 5 Table 5.1
\$34,199.0	\$36,257.4	\$37,706.0	\$39,562.3	\$41,427.0	\$31,525.2	Calculated
\$9,520.1	\$7,691.4	\$6,444.6	\$14,768.2	\$16,547.6	\$13,273.2	Calculated
\$433.2	\$234.9	\$79.4	\$748.1	\$838.4	\$658.8	Chap Chap 6 Table 6.1 & Calculated
\$1,743.8	\$765.0	\$227.3	\$2,578.5	\$2,902.7	\$2,548.4	Chap Chap 6 Table 6.1 & Calculated
\$36,376.0	\$37,257.3	\$38,012.7	\$42,888.9	\$45,168.1	\$34,732.4	Calculated
\$7,343.1	\$6,691.5	\$6,137.9	\$11,441.6	\$12,806.5	\$10,066.0	Calculated
\$122,970.9	\$133,996.1	\$147,645.6	\$167,828.7	\$188,011.7	\$125,159.3	Chap 9, Table 9.1 & 9.2
5.97%	4.99%	4.16%	6.82%	6.81%	8.04%	Calculated

**CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 SUMMARY OF REVENUE REQUIREMENT CALCULATION
 IN THOUSANDS 000s**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	2
TABLE:	2.4

<u>REVENUE REQUIREMENTS</u>				
	TEST YEAR 2012	ESCALATION YEAR 2013	Attrition Year 2014	Reference
WEIGHTED AVERAGE RATE BASE	\$147,645.6	\$167,828.7	\$188,011.7	Table 2.2
RATE OF RETURN REQUESTED	8.04%	8.04%	8.04%	Exhibit C, Table C-1
UTILITY OPERATING INCOME REQUIRED	\$11,870.7	\$13,493.4	\$15,116.1	Calculated
AT PRESENT RATES	\$6,137.9	\$11,441.6	\$12,806.5	Table 2.3
ADDITIONAL	\$5,732.8	\$2,051.9	\$2,309.6	Calculated
NET-TO-GROSS MULTIPLIER	1.77571	1.77602	1.77762	Calculated
GROSS REVENUES				
ADDITIONAL REQUIRED	\$10,179.8	\$3,644.2	\$4,105.6	Calculated
AT PRESENT RATES	\$44,150.7	\$54,330.5	\$57,974.7	Table 2.3
TOTAL	\$54,330.5	\$57,974.7	\$62,080.3	Calculated
PERCENT INCREASE (ANNUALLY)	23.06%	6.71%	7.08%	Calculated
<u>NET-TO-GROSS MULTIPLIER</u>				
The items of expense enumerated below increase in direct proportion to any increase in gross revenues. The net-to-gross multiplier applicable to the estimated years is as follows:				
County Franchise Tax	0.000%			
Uncollectible Accounts	0.6576%			
State Corporate Franchise Tax	8.84%			
Federal Income Tax	35.00%			

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

Information in this chapter contains tables used to forecast customers, water sales and operating revenues as filed by California American Water in this application and is presented as follows:

Table 3.1 through Table 3.6

These tables contain information regarding projections of the number of customers for the Sacramento District of California American Water presented in this application. The number of customers forecasted to be served by the district during 2011, 2012 and 2013 was determined by using projected developer activity. Changes in the number of customers also reflect the impacts of the ongoing meter retrofit program with the district whereby flat rate customers are being converted to metered rates.

Table 3.7 through 3.15

These tables contain water sales and water production information for the Sacramento District of California American Water as filed in this application. Water sales forecasted in these tables were applied to the forecasted number of customers to project operating revenues.

Consumption estimates for the various service areas in the Sacramento District were derived from analysis of several sources of information depending upon the circumstances. 2009 actual consumption was used for all customer classifications. Unmetered consumption was derived from total water consumption less metered sales.

Total water sales for the Base Year of 2011, Test Year 2012 and Escalation Year 2013 were calculated by multiplying the projected number of average customers per classification by the projected annual average consumption per customer per classification.

Table 3.16 through 3.22

These tables contain operating revenue information for the Sacramento District of California American Water presented in this application.

Revenues at present rates for the 2011 Base Year and the 2012 Test Year result from application of the proposed general water standard service rates for the Sacramento District to forecasted customers and sales presented in this Chapter and rates pending in the Partial Settlement Agreement between the Department of Ratepayer Advocates and California American Water in A.09-01-013 filed on December 18, 2009. Revenues at present rates for the 2012 Test Year and 2013 Escalation Year were determined by application of the general water service rates California American Water proposes to implement on January 1 of each preceding year to the customers and sales forecasted for each of those years.

Revenues at proposed rates for 2012 and 2013 are presented under the PUC standard rate design as described in Standard Practice U-07-W. The revenues result from applying the overall proposed increase as determined in the revenue requirement to all of the present rates from the preceding year.

Miscellaneous Service revenues for the 2012 Test Year were forecasted based on a five-year historical average from 2005 through 2009, excluding temporary surcharges and PUC fees. This presentation does not reflect any effects from surcharges requested in this application.

Method 5 Amortization revenue is based on the amortization of deferred Contribution in Aid of Construction revenues from Table 9.7.

The Low Income Discount revenues are based on the application of the current discount rate to the forecasted number of low income customers.

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
CUSTOMERS AT YEAR END
RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.1

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	Metered :						
2.	Residential	5,788	11,199	14,427	16,770	23,502	
3.	Commercial	4,545	4,575	4,511	3,989	4,589	
4.	Public Authority	279	311	315	285	338	
5.	Industrial	0	1	1	1	1	
6.	Irrigation	0	0	0		0	
7.	Sub-Total	10,612	16,086	19,254	21,045	28,430	Ln 2 thru Ln 6
8.	Private Fire Service						
9.	4" and less	101	102	102	109	102	
10.	6"	230	233	234	282	264	
11.	8"	352	360	364	402	380	
12.	10"	31	28	29	34	32	
13.	12"	4	6	6	7	7	
14.	Sub-Total	718	729	735	834	785	Ln 9 thru Ln 13
15.	Unmetered						
16.	4500 Sq ft or less	5,419	4,630	4,508	3,891	3,302	REV-604 Workpaper
17.	4501 to 8000 Sq ft.	31,612	27,633	24,988	23,258	18,494	
18.	> 8000 Sq. ft.	8,813	8,263	7,904	7,208	6,045	
19.	Add'l House on Lot	0	0	0	0	0	
20.	Sub-Total	45,844	40,526	37,400	34,357	27,841	Ln 16 thru Ln 19
21.	TOTAL	57,174	57,341	57,389	56,236	57,056	Ln 7 + Ln 14 + Ln 20

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
CUSTOMERS AT YEAR END
AUTHORIZED AND PROPOSED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	ESTIMATED	PROPOSED TEST YEAR	ESCALATION YEAR	Reference
		2010	2010	2011	2012	2013	
1.	Metered :						
2.	Residential	17,697	27,362	34,181	42,526	50,109	REV-602 Workpaper
3.	Commercial	4,735	4,604	4,619	4,634	4,649	
4.	Public Authority	294	359	380	401	422	
5.	Industrial	0	1	1	1	1	
6.	Irrigation	0	0	0	0	0	
7.	Sub-Total	22,726	32,326	39,181	47,562	55,181	Ln 2 thru Ln 6
8.	Private Fire Service						
9.	4" and less	108	104	106	110	110	
10.	6"	311	271	275	281	281	
11.	8"	387	391	395	400	400	
12.	10"	36	32	32	32	32	
13.	12"	6	8	8	8	8	
14.	Sub-Total	848	806	816	831	831	Ln 9 thru Ln 13
15.	Unmetered						
16.	4500 Sq ft or less	5,353	2,852	2,053	1,072	179	REV-604 Workpaper
17.	4501 to 8000 Sq ft.	21,511	15,972	11,501	6,003	1,002	
18.	> 8000 Sq. ft.	8,755	5,221	3,759	1,962	328	
19.	Add'l House on Lot	0	0	0	0	0	
20.	Sub-Total	35,619	24,044	17,313	9,037	1,509	Ln 16 thru Ln 19
21.	TOTAL	59,193	57,176	57,310	57,430	57,521	Ln 7 + Ln 14 + Ln 20

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
CUSTOMERS AT YEAR END
CALCULATION OF PERCENT OF INCREASE**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.3

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2009/Last Authorized 2008)-1	=(Test Yr 2012/Est 2011)-1
1.	Metered :							
2.	Residential	N/A	93.49%	28.82%	16.24%	40.14%	54.61%	24.41%
3.	Commercial	N/A	0.66%	-1.40%	-11.57%	15.04%	-2.77%	0.32%
4.	Public Authority	N/A	11.47%	1.29%	-9.52%	18.60%	22.11%	5.53%
5.	Industrial	N/A	N/A	N/A	0.00%	0.00%	N/A	0.00%
6.	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7.	Sub-Total	N/A	51.58%	19.69%	9.30%	35.09%	-25.10%	46.29%
8.	Private Fire Service							
9.	4" and less	N/A	0.99%	0.00%	6.86%	-6.42%	-3.70%	3.77%
10.	6"	N/A	1.30%	0.43%	20.51%	-6.38%	-12.86%	2.18%
11.	8"	N/A	2.27%	1.11%	10.44%	-5.47%	1.03%	1.27%
12.	10"	N/A	-9.68%	3.57%	17.24%	-5.88%	-11.11%	0.00%
13.	12"	N/A	50.00%	0.00%	16.67%	0.00%	33.33%	0.00%
14.	Sub-Total	N/A	1.53%	0.82%	13.47%	-5.88%	-4.95%	1.84%
15.	Unmetered							
16.	4500 Sq ft or less	N/A	-14.56%	-2.63%	-13.69%	-15.14%	-46.73%	-47.78%
17.	4501 to 8000 Sq ft.	N/A	-12.59%	-9.57%	-6.92%	-20.48%	-25.75%	-47.80%
18.	> 8000 Sq. ft.	N/A	-6.24%	-4.34%	-8.81%	-16.13%	-40.37%	-47.81%
19.	Add'l House on Lot	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20.	Sub-Total	N/A	-11.60%	-7.71%	-8.14%	-18.97%	-32.50%	-47.80%
21.	TOTAL	N/A	0.29%	0.08%	-2.01%	1.46%	-3.41%	0.21%
22.	Residential - low income	N/A	N/A	N/A	N/A	0.00%	N/A	0.00%

**CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 AVERAGE NUMBER OF CUSTOMERS
 RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.4

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	Metered :						
2.	Residential	4,860	8,494	12,813	15,599	20,136	Average calculated using year end customers from Table 3.1
3.	Commercial	4,546	4,560	4,543	4,250	4,289	
4.	Public Authority	277	295	313	300	312	
5.	Industrial	0	1	1	1	1	
6.	Irrigation	0	0	0	0	0	
7.	Sub-Total	9,683	13,350	17,670	20,150	24,738	
8.	Private Fire Service						
9.	4" and less	103	102	102	106	106	
10.	6"	220	232	234	258	273	
11.	8"	330	356	362	383	391	
12.	10"	25	30	29	32	33	
13.	12"	3	5	6	7	7	
14.	Sub-Total	681	725	733	786	810	
15.	Unmetered						
16.	4500 Sq ft or less	5,452	5,025	4,569	4,200	3,597	
17.	4501 to 8000 Sq ft.	31,846	29,623	26,311	24,123	20,876	
18.	> 8000 Sq. ft.	8,847	8,538	8,084	7,556	6,627	
19.	Add'l House on Lot	0	0	0	0	0	
20.	Sub-Total	46,145	43,186	38,964	35,879	31,100	
21.	TOTAL	56,509	57,261	57,367	56,815	56,648	

**CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 AVERAGE NUMBER OF CUSTOMERS
 AUTHORIZED AND PROPOSED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.5

Line No.	Description	LAST AUTHORIZED	ESTIMATED	ESTIMATED	PROPOSED	ESCALATION	Reference
		TEST YEAR	2010	2011	TEST YEAR	YEAR	
		2010	2010	2011	2012	2013	
1.	Metered :						
2.	Residential	27,532	25,432	30,772	38,354	46,318	Average calculated using year end customers from Table 3.2
3.	Commercial	4,570	4,597	4,612	4,627	4,642	
4.	Public Authority	377	349	370	391	412	
5.	Industrial	1	1	1	1	1	
6.	Irrigation	0	0	0	0	0	
7.	Sub-Total	32,480	30,379	35,755	43,373	51,373	
8.	Private Fire Service						
9.	4" and less		103	105	108	110	
10.	6"		268	273	278	281	
11.	8"		386	393	398	400	
12.	10"		32	32	32	32	
13.	12"		8	8	8	8	
14.	Sub-Total	811	797	811	824	831	
15.	Unmetered						
16.	4500 Sq ft or less		3,077	2,452	1,563	626	
17.	4501 to 8000 Sq ft.		17,233	13,736	8,752	3,503	
18.	> 8000 Sq. ft.		5,633	4,490	2,861	1,145	
19.	Add'l House on Lot		0	0	0	0	
20.	Sub-Total	24,521	25,943	20,678	13,176	5,274	
21.	TOTAL	57,812	57,119	57,244	57,373	57,478	
22.							

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
AVERAGE NUMBER OF CUSTOMERS
CALCULATION OF PERCENT OF INCREASE**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.6

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2009	2010
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2009/Last Authorized 2009)-1	=(Test Yr 2012/Est 2011)-1
1.	Metered :							
2.	Residential	N/A	74.77%	50.85%	21.74%	29.09%	-7.63%	21.00%
3.	Commercial	N/A	0.31%	-0.37%	-6.45%	0.92%	0.59%	0.33%
4.	Public Authority	N/A	6.50%	6.10%	-4.15%	4.00%	-7.43%	6.02%
5.	Industrial	N/A	N/A	N/A	0.00%	0.00%	N/A	0.00%
6.	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7.	Sub-Total	N/A	37.87%	32.36%	14.04%	22.77%	-6.47%	17.70%
8.	Private Fire Service							
9.	4" and less	N/A	-0.97%	0.00%	3.92%	0.00%	#DIV/0!	1.94%
10.	6"	N/A	5.45%	0.86%	10.26%	5.81%	#DIV/0!	1.87%
11.	8"	N/A	7.88%	1.69%	5.80%	2.09%	#DIV/0!	1.81%
12.	10"	N/A	20.00%	-3.33%	10.34%	3.13%	#DIV/0!	0.00%
13.	12"	N/A	66.67%	20.00%	16.67%	0.00%	#DIV/0!	0.00%
14.	Sub-Total	N/A	6.46%	1.10%	7.23%	3.05%	-1.73%	1.76%
15.	Unmetered							
16.	4500 Sq ft or less	N/A	-7.83%	-9.07%	-8.08%	-14.36%	#DIV/0!	-20.31%
17.	4501 to 8000 Sq ft.	N/A	-6.98%	-11.18%	-8.32%	-13.46%	#DIV/0!	-20.29%
18.	> 8000 Sq. ft.	N/A	-3.49%	-5.32%	-6.53%	-12.29%	#DIV/0!	-20.29%
19.	Add'l House on Lot	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20.	Sub-Total	N/A	-6.41%	-9.78%	-7.92%	-13.32%	5.80%	-20.29%
21.	TOTAL	N/A	1.33%	0.19%	-0.96%	-0.29%	-1.20%	0.22%
22.	Residential - low income	N/A	N/A	N/A	N/A	0.00%	N/A	N/A

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
AVERAGE ANNUAL CONSUMPTION(CCF) PER CUSTOMER
RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.7

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	Metered :						
2.	Residential	260.9	204.9	238.4	237.0	227.7	Total consumption from Table 3.10 divided by average customers from Table 3.4
3.	Residential Low Income #	0.0	0.0	0.0	0.0	0.0	
4.	Commercial	891.4	956.8	987.1	1,043.6	936.9	
5.	Public Authority	2,879.2	2,910.2	2,988.6	3,593.1	3,078.5	
6.	Industrial	0.0	0	65.0	0.1	0.1	
7.	Irrigation	0.0	0	0	0	0	
8.	Sub-Total	631.8	521.5	479.6	457.1	386.6	
9.	Private Fire Service						
10.	4" and less						
11.	6"						
12.	8"						
13.	10"						
14.	12"						
15.	Sub-Total	0.0	0	0	0	0	
16.	Unmetered	251.6	273.1	236.6	230.8	256.5	
17.	TOTAL	883.4	794.5	716.2	687.9	643.1	Ln 8 + Ln 16

Included in Residential

**CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 AVERAGE ANNUAL CONSUMPTION(CCF) PER CUSTOMER
 AUTHORIZED AND PROPOSED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.8

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	ESTIMATED	PROPOSED TEST YEAR	ESCALATION YEAR	Reference
		2010	2010	2011	2012	2013	
1.	Metered :						
2.	Residential	230.5	227.7	227.7	227.7	227.7	Table 3.7
3.	Residential Low Income #		0.0	0.0	0.0	0.0	
4.	Commercial	953.1	936.9	936.9	936.9	936.9	Table 3.7
5.	Public Authority	2,852.8	3,078.5	3,078.5	3,078.5	3,078.5	Table 3.7
6.	Industrial	0.0	0.1	0.1	0.1	0.1	Table 3.7
7.	Irrigation		0.0	0.0	0.0	0.0	
8.	Sub-Total	368.0	367.8	348.7	329.1	314.7	Table 3.11 / Table 3.5
9.	Private Fire Service						
10.	4" and less						
11.	6"						
12.	8"						
13.	10"						
14.	12"						
15.	Sub-Total	0.0	0.0	0.0	0.0	0.0	
16.	Unmetered	266.4	241.3	241.3	241.3	241.3	3 year average 2005-2009
17.	TOTAL	634.4	609.1	590.0	570.4	556.0	Ln 8 + Ln 16

Included in Residential

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
AVERAGE ANNUAL CONSUMPTION(CCF) PER CUSTOMER
CALCULATION OF PERCENT OF INCREASE**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.9

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2009	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2009/Last Authorized 2009)-1	=(Test Yr 2012/Est 2011)-1
1.	Metered :							
2.	Residential	N/A	-21.46%	16.33%	-0.56%	-3.92%	-1.20%	0.00%
3.	Residential Low Income #	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4.	Commercial	N/A	7.33%	3.17%	5.73%	-10.23%	-1.70%	0.00%
5.	Public Authority	N/A	1.08%	2.69%	20.23%	-14.32%	7.91%	0.00%
6.	Industrial	N/A	N/A	N/A	-99.85%	0.00%	N/A	0.00%
7.	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8.	Sub-Total	N/A	-17.46%	-8.04%	-4.68%	-15.42%	-0.07%	-5.19%
9.	Private Fire Service							
10.	4" and less	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11.	6"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12.	8"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13.	10"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14.	12"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15.	Sub-Total		N/A	N/A	N/A	N/A	N/A	N/A
16.	Unmetered	N/A	8.52%	-13.36%	-2.44%	11.11%	-9.42%	0.00%
17.	TOTAL	N/A	-10.06%	-9.87%	-3.94%	-6.52%	-3.99%	-3.13%

Included in Residential

**CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 TOTAL ANNUAL CONSUMPTION (CCF)
 RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.10

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	Metered :						
2.	Residential	1,267,891	1,740,313	3,054,047	3,697,181	4,585,560	
3.	Residential Low Income #	0	0	0	0	0	
4.	Commercial	4,052,279	4,362,802	4,484,345	4,435,379	4,018,341	
5.	Public Authority	797,525	858,524	935,428	1,077,937	960,505	
6.	Industrial	0	28	65	0	0	
7.	Irrigation	0	0	0	0	0	
8.	Sub-Total	6,117,695	6,961,666	8,473,885	9,210,497	9,564,406	
9.	Private Fire Service						
10.	4" and less	0	0	0	0	0	
11.	6"	0	0	0	0	0	
12.	8"	0	0	0	0	0	
13.	10"	0	0	0	0	0	
14.	12"	0	0	0	0	0	
15.	Sub-Total	0	0	0	0	0	
16.	Unmetered	11,611,401	11,793,011	9,218,740	8,282,080	7,976,446	kgal
17.	TOTAL	17,729,096	18,754,677	17,692,625	17,492,577	17,540,852	Ln 8+Ln15+Ln 16

Included in Residential

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
TOTAL ANNUAL CONSUMPTION (CCF)
AUTHORIZED AND PROPOSED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.11

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2010	2010	2011	2012	2013	
1.	Metered :						
2.	Residential	6,547,100	5,791,615	7,007,691	8,734,335	10,547,973	
3.	Residential Low Income #	N/A	N/A	N/A	N/A	N/A	
4.	Commercial	4,288,900	4,306,904	4,320,958	4,335,011	4,349,065	
5.	Public Authority	1,116,900	1,074,411	1,139,060	1,203,709	1,268,359	
6.	Industrial	700	0	0	0	0	
7.	Irrigation	0	0	0	0	0	
8.	Sub-Total	11,953,600	11,172,931	12,467,709	14,273,056	16,165,396	Total consumption from Table 3.8 times average number of customers from Table 3.5
9.	Private Fire Service						
10.	4" and less		0	0	0	0	
11.	6"		0	0	0	0	
12.	8"		0	0	0	0	
13.	10"		0	0	0	0	
14.	12"		0	0	0	0	
15.	Sub-Total	0	0	0	0	0	
16.	Unmetered	6,366,700	6,260,109	4,989,652	3,179,401	1,272,629	
17.	TOTAL	18,320,300	17,433,040	17,457,360	17,452,457	17,438,025	

Included in Residential

**CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 TOTAL ANNUAL CONSUMPTION (CCF)
 CALCULATION OF PERCENT OF INCREASE**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.12

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2009/Last Authorized 2009)-1	=(Test Yr 2012/Est 2011)-1
1.	Metered :							
2.	Residential	N/A	37.26%	75.49%	21.06%	24.03%	-11.54%	21.00%
3.	Residential - low income	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4.	Commercial	N/A	7.66%	2.79%	-1.09%	-9.40%	0.42%	0.33%
5.	Public Authority	N/A	7.65%	8.96%	15.23%	-10.89%	-3.80%	6.02%
6.	Industrial	N/A	N/A	N/A	-99.85%	0.00%	N/A	0.00%
7.	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8.	Sub-Total	N/A	13.80%	21.72%	8.69%	3.84%	-6.53%	11.59%
9.	Private Fire Service							
10.	4" and less	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11.	6"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12.	8"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13.	10"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14.	12"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15.	Sub-Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16.	Unmetered		1.56%	-21.83%	-10.16%	-3.69%	-1.67%	-20.29%
17.	TOTAL	N/A	5.78%	-5.66%	-1.13%	0.28%	-4.84%	0.14%

**CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 WATER PRODUCTION (KCCF)
 RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.13

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	Metered Sales	6,117.7	6,961.7	8,473.9	9,210.5	9,564.4	Table 3.10
2.	Computed Flat Rate Sales	11,611.4	11,793.0	9,218.7	8,282.1	7,976.4	Table 3.10
3.	Total Consumption	17,729.1	18,754.7	17,692.6	17,492.6	17,540.9	Ln 1 + Ln 2
4.	Non Revenue	1,861.1	1,968.7	1,857.2	1,836.2	1,841.3	Ln 4 + Ln 3
5.	Total Water Requirement	19,590.2	20,723.4	19,549.9	19,328.8	19,382.2	
6.	Equivalent Acre Feet	44,972.8	47,574.4	44,880.3	44,372.9	44,495.3	Conversion: 435.6 CCF = 1 AF
7.	Total Water Requirement in CCF	19,590,161	20,723,400	19,549,862	19,328,814	19,382,156	Line 5 x 1,000

CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 WATER PRODUCTION (KCCF)
 AUTHORIZED AND PROPOSED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.14

Line No	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	ESTIMATED	Reference
		2010	2010	2011	2012	2013	
1.	Metered Sales	11,953.6	11,172.9	12,467.7	14,273.1	16,165.4	Table 3.11
2.	Computed Flat Rate Sales	6,367	6,260.1	4,989.7	3,179.4	1,272.6	Table 3.11
3.	Total Consumption	18,320.3	17,433.0	17,457.4	17,452.5	17,438.0	Ln 1 + Ln 2
4.	Non Revenue	0.0	1,841.3	1,841.3	1,841.3	1,841.3	MDR IIE2
5.	Total Water Requirement	20,243.4	19,274.3	19,298.7	19,293.8	19,279.3	
6.	Equivalent Acre Feet	46,472.5	44,247.8	44,303.6	44,292.4	44,259.2	Conversion: 435.6 CCF = 1 AF
7.	Total Water Requirement in CCF	20,243,425	19,274,344	19,298,664	19,293,761	19,279,329	Line 5 x 1,000

**CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 WATER PRODUCTION (KCCF)
 CALCULATION OF PERCENT OF INCREASE**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.15

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2009/Last Authorized 2009)-1	=(Test Yr 2012/Est 2011)-1
1.	Metered Sales	N/A	13.80%	21.72%	8.69%	3.84%	-6.53%	11.59%
2.	Computed Flat Rate Sales	N/A	1.56%	-21.83%	-10.16%	-3.69%	-1.67%	-20.29%
3.	Total Consumption	N/A	5.78%	-5.66%	-1.13%	0.28%	-4.84%	0.14%
4.	Unaccounted For Water Est. 12.69%	N/A	5.78%	-5.66%	-1.13%	0.28%	0.00%	0.00%
5.	Total Water Requirement	N/A	5.78%	-5.66%	-1.13%	0.28%	-4.79%	0.13%
6.	Equivalent Acre Feet	N/A	5.78%	-5.66%	-1.13%	0.28%	-4.79%	0.13%

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
COMPARISON OF REVENUES AT PRESENT AND PROPOSED RATES**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.16

1. TEST YEAR 2012

	REVENUE		REVENUE		
	Present	Proposed	Proposed vs.	Proposed vs.	
	Rates	Rates	Present Rates	Present Rates	
	Dollars	Dollars	(\$) Increase	(%) Increase	Reference:
6. <u>Customer Class</u>					
7. Residential	21,595,006	26,599,165	5,004,159	23.17%	Table 3.18
8. Commercial	11,336,156	13,938,019	2,601,864	22.95%	for revenues @ present rates
9. Public Authority	2,686,403	3,320,648	634,246	23.61%	
10. Industrial	373	444	71	19.12%	
11. Irrigation	0	0	0	0.00%	Table 3.21
12. Unmetered	7,373,921	9,159,134	1,785,212	24.21%	for revenues @ proposed rates
13. Private Fire Service	1,120,711	1,379,113	258,402	23.06%	
14. Miscellaneous	0	0	0	0.00%	
15. TOTAL BILLED RATES	44,112,569	54,396,523	10,283,954	23.31%	

16. TEST YEAR 2013

17. <u>Customer Class</u>					
18. Residential	32,060,235	34,113,245	2,053,010	6.40%	Table 3.18
19. Commercial	13,990,945	14,797,976	807,032	5.77%	for revenues @ present rates
20. Public Authority	3,481,644	3,744,256	262,611	7.54%	
21. Industrial	444	424	(20)	-4.55%	
22. Irrigation	0	0	0	0.00%	Table 3.21
23. Unmetered	3,665,549	3,911,415	245,866	6.71%	for revenues @ proposed rates
24. Private Fire Service	1,388,986	1,482,136	93,150	6.71%	
25. Miscellaneous	0	0	0	0.00%	
26. TOTAL BILLED RATES	54,587,803	58,049,451	3,461,649	6.34%	

CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 OPERATING REVENUES AT PRESENT RATES (\$) **RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.17

Line No	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	GENERAL METERED						
2.	Residential	3,202,175	2,327,636	5,110,028	6,758,366	8,100,133	
3.							
4.	Commercial	5,814,351	7,560,141	7,806,211	8,870,407	8,447,403	
5.	Public Authority	485,979	1,038,763	1,400,810	1,863,383	1,781,588	
6.	Industrial	0	0	0	0	0	
7.	Irrigation	0	0	0	0	0	
8.	GENERAL METERED	9,502,505	10,926,540	14,317,049	17,492,156	18,329,124	
9.	UNMETERED						
10.	Unmetered	13,487,655	13,110,975	11,793,418	14,765,790	13,642,220	
11.	OTHER						
12.	Private Fire Service	468,639	550,387	537,859	782,693	832,479	
13.							
14.	TOTAL REVENUES	23,458,799	24,587,902	26,648,326	33,040,639	32,803,823	
15.	Deferred Contribution Rev						Exh A, Table 9.7
16.	Misc. Service Revenues	42,444	53,163	25,060	33,100	32,851	
17.	WRAM and Water/Power Bal Acct	1,600,093	513,157	374,710	449,062	530,239	
18.	Low Income Discount	0	0	(4,845)	4,845	0	
19.	Conservation Surcharge	0	0	0	242,485	161,088	
20.	Mather Tank	55,796	71,320	63,372	63,334	62,771	
21.	Contract Revenue (10%)				17,590	21,453	
22.	TOTAL	25,101,336	25,225,542	27,106,623	33,851,056	33,612,225	
23.	Revenues Per Avg. Customer	444	441	473	596	593	Ln 19 / Table 3 4, Ln 21

NOTE: HISTORICAL EXCLUDES PUC FEE REIMBURSEMENT AMOUNTS

CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
 OPERATING REVENUES AT PRESENT RATES (\$)
 AUTHORIZED AND PROPOSED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.18

Line No.	Description	LAST AUTHORIZED	ESTIMATED	ESTIMATED	PROPOSED	ESCALATION	Reference
		TEST YEAR	2010	2011	TEST YEAR	YEAR	
		2010	2010	2011	2012	2013	
1.	GENERAL METERED						
2.	Residential	13,178,800	14,379,941	17,365,103	21,595,006	32,060,235	REV 200 Workpaper
3.							
4.	Commercial	9,249,400	11,249,659	11,292,908	11,336,156	13,990,945	REV 200
5.	Public Authority	2,053,900	2,426,970	2,556,686	2,686,403	3,481,644	REV 200
6.	Industrial	1,300	373	373	373	444	REV 200
7.	Irrigation	0					
8.	GENERAL METERED	24,483,400	28,056,943	31,215,070	35,617,937	49,533,268	Ln 2 thru Ln 7
9.	UNMETERED						
10.	Unmetered	11,089,300	14,502,051	11,572,973	7,373,921	3,665,549	REV 200
11.	OTHER						
12.	Private Fire Service	863,500	1,086,495	1,104,876	1,120,711	1,388,986	REV 200
13.	Other Revenues	100,900		-	-	-	
14.	TOTAL BILLED REVENUES	36,537,100	43,645,489	43,892,918	44,112,569	54,587,803	Ln 8 thru Ln 13
15.	Deferred Contribution Rev	0	20,900	20,200	19,500	18,900	Exh A, Table 9.7
16.	Misc. Service Revenues	28,100	37,323	37,323	37,323	37,323	5 YR AVG 2005-2009
17.	WRAM and Water/Power Bal Accts						
18.	Low Income Discount	0	(68,760)	(85,860)	(102,960)	(120,060)	REV-500
19.	Conservation Surcharge						
20.	Mather Tank	0	62,771	62,771	62,771	62,771	
21.	Contract Revenues	0	21,453	21,453	21,453	21,453	
22.	TOTAL	36,565,200	43,719,176	43,948,805	44,150,657	54,608,190	Ln 14 thru Ln 18
23.	Revenues Per Avg Customer	632	765	768	768	950	Ln 19/ Table 3.5, Ln 21

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PRESENT RATES (\$)
CALCULATION OF PERCENT OF INCREASE**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.19

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	= (Recorded 2006/Recorded 2005)-1	= (Recorded 2007/Recorded 2006)-1	= (Recorded 2008/Recorded 2007)-1	= (Recorded 2009/Recorded 2008)-1	= (Est 2009/Last Authorized 2009)-1	= (Test Yr 2012/Est 2011)-1
1.	GENERAL METERED							
2.	Residential	N/A	-27.31%	119.54%	32.26%	19.85%	9.11%	20.76%
3.								
4.	Commercial	N/A	30.03%	3.25%	13.63%	-4.77%	21.63%	0.38%
5.	Public Authority	N/A	113.75%	34.85%	33.02%	-4.39%	18.16%	5.34%
6.	Industrial	N/A	N/A	N/A	N/A	N/A	N/A	0.00%
7.	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8.	GENERAL METERED	N/A	14.99%	31.03%	22.18%	4.78%	14.60%	11.26%
9.	UNMETERED							
10.	Unmetered	N/A	-2.79%	-10.05%	25.20%	-7.61%	30.78%	-20.20%
11.	OTHER							
12.	Private Fire Service	N/A	17.44%	-2.28%	45.52%	6.36%	25.82%	1.69%
13.	Misc. Service	N/A	0.00%	0.00%	0.00%	0.00%	-100.00%	0.00%
14.	TOTAL REVENUES	N/A	4.81%	8.38%	23.99%	-0.72%	19.46%	0.57%
15.	Deferred Contribution Rev	N/A	0.00%	0.00%	0.00%	0.00%	N/A	-3.35%
16.	Conservation Surcharges	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17.	True Up Revenues Auth	N/A	-67.93%	-26.98%	19.84%	18.08%	N/A	N/A
18.	Other	N/A	0.00%	0.00%	-200.00%	-100.00%	0.00%	24.87%
19.	TOTAL	N/A	0.49%	7.46%	24.88%	-0.71%	19.56%	0.53%

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PROPOSED RATES (\$)
RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.20

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	GENERAL METERED						
2.	Residential	3,202,175	2,327,636	5,110,028	6,758,366	8,100,133	
3.	Commercial	5,814,351	7,560,141	7,806,211	8,870,407	8,447,403	Data from Table 3.17
4.	Public Authority	485,979	1,038,763	1,400,810	1,863,383	1,781,588	
5.	Industrial	0	0	0	0	0	
6.	Irrigation	0	0	0	0	0	
7.	GENERAL METERED	9,502,505	10,926,540	14,317,049	17,492,156	18,329,124	Ln 2 thru Ln 6
8.	UNMETERED						
9.	Unmetered	13,487,655	13,110,975	11,793,418	14,765,790	13,642,220	
10.	OTHER						
11.	Private Fire Service	468,639	550,387	537,859	782,693	832,479	
12.							
13.	TOTAL REVENUES	23,458,799	24,587,902	26,648,326	33,040,639	32,803,823	Ln 7 thru Ln 12
14.	Deferred Contribution Rev	0	0	0	0	0	Exh A, Table 9.7
15.	Misc Service Revenue	42,444	53,163	25,060	33,100	32,851	
16.	WRAM and Water/Power Bal Accts	1,600,093	513,157	374,710	449,062	530,239	
17.	Low Income Discount	0	0	-4,845	4,845	0	
18.	Conservation Surcharge	0	0	0	242,485	161,088	
19.	Mather Tank	55,796	71,320	63,372	63,334	62,771	
20.	Contract Revenue	0	0	0	17,590	21,453	
21.	TOTAL	25,157,132	25,225,542	27,106,623	33,851,056	33,612,225	Ln 13 thru Ln 17 Ln 18 /
22.	Revenues Per Avg. Customer	445	441	473	596	593	Table 3.4, Ln 21

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Line No	Description	LAST AUTHORIZED TEST	ESTIMATED	ESTIMATED	PROPOSED TEST	ESCALATION	Reference
		YEAR	2010	2011	YEAR	YEAR	
		2010	2010	2011	2012	2013	
1.	GENERAL METERED						
2.	Residential	16,258,600	14,379,941	17,365,103	26,599,165	34,113,245	REV-500 Workpaper
3.	Commercial	11,410,900	11,249,659	11,292,908	13,938,019	14,797,976	REV-500
4.	Public Authority	2,533,900	2,426,970	2,556,686	3,320,648	3,744,256	REV-500
5.	Industrial	1,600	373	373	444	424	REV-500
6.	Irrigation	0	0	0	0	0	
7.	GENERAL METERED	30,205,000	28,056,943	31,215,070	43,858,277	52,655,900	Ln 2 thru Ln 6
8.	UNMETERED						
9.	Unmetered	13,680,700	14,502,051	11,572,973	9,159,134	3,911,415	REV-500
10.	OTHER						
11.	Private Fire Service	1,065,300	1,086,495	1,104,876	1,379,113	1,482,136	REV-500
12.	Other Revenues	100,900	0	0	0	0	Table 3.18
13.	TOTAL REVENUES	45,051,900	43,645,489	43,892,918	54,396,523	58,049,451	Ln 7 thru Ln 12
14.	Deferred Contribution Rev	0	20,900	20,200	19,500	18,900	Exh A, Table 9 7
15.	Misc Service Revenue	28,100	37,323	37,323	37,323	37,323	
16.	WRAM and Water/Power Bal Accts	0	0	0	0	0	
17.	Low Income Discount	0	(68,760)	(85,860)	(102,960)	(120,060)	Table 3.18
18.	Conservation Surcharge	0	0	0	0	0	
19.	Mather Tank	0	62,771	62,771	62,771	62,771	
20.	Contract Revenue	0	21,453	21,453	21,453	21,453	
21.	TOTAL	45,080,000	43,719,176	43,948,805	54,434,610	58,069,839	Ln 13 thru Ln 17
22.	Revenues Per Avg Customer	780	765	768	949	1,010	Ln 18/ Table 3 5, Ln 21

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Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2010
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2009/Last Authorized 2009)-1	=(Test Yr 2012/Est 2011)-1
1.	GENERAL METERED							
2.	Residential	N/A	-27.31%	119.54%	32.26%	19.85%	-11.55%	20.76%
3.	Commercial	N/A	30.03%	3.25%	13.63%	-4.77%	-1.41%	0.38%
4.	Public Authority	N/A	113.75%	34.85%	33.02%	-4.39%	-4.22%	5.34%
5.	Industrial	N/A	N/A	N/A	N/A	N/A	N/A	0.00%
6.	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7.	GENERAL METERED	N/A	14.99%	31.03%	22.18%	4.78%	-7.11%	11.26%
8.	UNMETERED							
9.	Unmetered	N/A	-2.79%	-10.05%	25.20%	-7.61%	6.00%	-20.20%
10.	OTHER							
11.	Private Fire Service	N/A	17.44%	-2.28%	45.52%	6.36%	1.99%	1.69%
12.	Misc. Service	N/A	N/A	N/A	N/A	N/A	-100.00%	0.00%
13.	TOTAL REVENUES	N/A	4.81%	8.38%	23.99%	-0.72%	-3.12%	0.57%
14.	Deferred Contribution Rev	N/A	0.00%	0.00%	0.00%	0.00%	N/A	-3.35%
15.	Conservation Surcharges	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16.	WRAM and Water/Power Bal Acct	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17.	Other	N/A	0.00%	0.00%	-200.00%	-100.00%	0.00%	24.87%
18.	TOTAL	N/A	0.27%	7.46%	24.88%	-0.71%	-3.02%	0.53%

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains tables of information regarding the calculation of pro forma operating expenses for water service operations presented in the GRC application. Historical individual account information within the California American Water accounting system provided the basis for determining these projected expenses.

Information included in this chapter includes five years of expense information as recorded on the books of California American Water and forecasted expenses for the years 2010, 2011 and Test Year 2012. Workpapers supporting inflation-adjusted five year averages for all administrative, operational and maintenance expenses are filed as part of the GRC application.

Pro forma operating expenses reflect normalizing adjustments including the removal of non-recurring expense items. The following describes the methodologies used to forecast expenses for the years 2010 through 2012:

Method of Escalating Labor Expenses

Payroll expenses shown for the year 2010 reflect salary information as of March 31, 2010.

Non-union employee salaries were inflated 3.5% in 2011 and 2.6% in 2012.

Union employee salaries were inflated using the same inflation rates as non-union employees except for 2011 since the current union agreement is still in effect for Year 2011. The rate used in accordance to the agreement for 2011 is 3.25%.

Method of Escalating Non-Labor Expenses

California American Water used the historical and forecasted inflation rates data prepared by the Division of Ratepayer Advocates Energy Cost of Service Branch for April 2010. Forecasted inflation rates include a 5 year historical average customer growth adjustment.

A table showing the inflation factors used is attached to the expense workpapers.

Method of Eliminating Non-Recurring Expenses

Non-recurring expense items have been removed where applicable from the expense forecast.

The following discussions present additional information regarding the forecasting of operating expenses for this GRC application.

Payroll

Since payroll expenses can be charged to several different operating and capital expense accounts, projected labor charges are shown separately on Table 4.2 of Chapter 4.

Payroll expense projections are calculated in the workpapers (Sacramento EXP-200) on an individual employee basis, utilizing current staffing levels and salary information as of March 31, 2010.

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To the extent applicable, payroll calculations for the Sacramento District are shown net of time and pay charged to other regulated and non-regulated activities.

The total projected payroll expenses for the Sacramento District include the following factors and assumptions:

- 1) A portion of the Sacramento District employees will continue to be represented by a bargaining unit. Since the present union contract will expire in January 2012, projected increases for 2011 and 2012 were estimated by using a 3.5% for 2011 and a 2.6% annual increase for 2012.
- 2) A portion of the Sacramento District employees will continue to not be represented by a bargaining unit. It has been assumed those employees will receive an annual increase of 3.5% for 2011 and 2.6% for 2012. The increases for 2011 are based on American Water's internal labor escalation projection. The increases for the year 2012 are based on the DRA April 2010 Labor Escalation Memo. Increases are projected to become effective on January 1 of each year.
- 3) The number of overtime hours projected for 2010, 2011 and 2012 was based on a historic two-year average of years 2008 and 2009 on a per employee basis. Overtime hour levels were presumed to remain unchanged through the years 2010-2012. Union employees will be compensated at overtime pay rates in accordance with union contract provisions.
- 4) A historic two-year average of capitalized payroll adjusted for inflation on a per employee basis was used to calculate capitalized payroll for 2010 to 2012.
- 5) Adjustments were made to one Sacramento employee who is entirely dedicated to the un-regulated Wildwing Operation and Maintenance Contract. All salary and benefit costs of this particular employee have been removed from the expense forecast.

Purchased Power

Purchased power was calculated based on fiscal 2007 - 2008 kilowatt usage patterns and kilowatt per water production units at average kilowatt costs calculated from most recent 12 months billing data. This fiscal data was applied to estimated water production quantities to derive purchased power estimates for 2010 through 2012

The fiscal year data was obtained from billing data of the power providers for the Sacramento District.

Purchased Water

Purchased water costs are based on normalized consumption and production estimates computed at the most current commodity rate and assessment rates from Sacramento's water provider agencies. Current water rates were carried forward un-inflated to compute the forecasted costs in 2011 and 2012.

Chemicals

Chemical costs for 2010 through 2012 were forecasted using historical chemical per water unit levels applied to forecasted treated water quantities. Current chemical prices inflated annually at 2.5% were applied to calculate total chemical cost.

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Uncollectibles

Uncollectible expenses for years 2010 through 2012 were forecasted by applying a most recent 12 month average of the monthly uncollectible rate for California American Water to pro forma revenues at present rates.

Other Operating and Maintenance Expenses

Maintenance of Reservoirs and Tanks

Costs for maintenance of Reservoirs and Tanks for 2010 through 2012 were forecasted based on scheduled tank painting needs. A table showing the ongoing Storage Tank maintenance program for the Sacramento District is attached to the workpapers.

Miscellaneous Water Treatment Expenses

Miscellaneous Water Treatment Expenses (PUC Account 743) for the projected years were forecasted based on a five-year inflation-adjusted historical average.

Other Operating and Maintenance Expenses

The remaining Other Operating and Maintenance expenses for the forecasted years were estimated based on five-year inflation-adjusted historical averages except where noted. The projected expenses also reflect normalizing adjustments including the removal of non-recurring expense items.

Other Administrative and General Expenses

Miscellaneous General Expenses

Miscellaneous General Expenses (PUC Account 799) for 2009 and Test Year 2010 were forecasted based on a five-year inflation-adjusted historical average except where noted.

Other Administrative and General Expenses

The remaining Other Administrative and General Account expenses for 2010 through Test Year 2012 were forecasted based on five-year inflation-adjusted historical average except where noted. These expenses reflect normalizing adjustments including the removal of non-recurring expense items.

Transportation

Transportation expenses were forecasted based on actual vehicle lease costs, vehicle replacement schedules and historical averages for fuel and maintenance costs. Lease costs were reduced for replacement vehicles that will be purchased in the forecasted years instead of leased.

Rents

Forecasted Real property rent expenses were based on actual lease costs.

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General Office

Table 4.1 shows Allocations of General Office and Service Company costs. General Office cost allocations are further divided into costs historically allocated to the districts and "traditional General Office" allocated costs. For a computation and explanation of these costs, please see the separate General Office and Service Company exhibit. These exhibits also explain how those expenses were allocated to each California American Water operating district.

Allocated Northern Division Costs

Table 4.1 shows Allocations of Northern Division costs. The Northern Division consists of the Sacramento and Larkfield district. Northern Division costs are expenses for services benefitting both Service areas, such as water quality (laboratory expenses), Shipping and Printing expenses and Equipment Rental expenses. These expenses have been allocated to both Northern Division Service Areas based on number of customers.

CapEx related O&M Expenses

Table 4.1 shows CapEx related O&M Expenses (together with the allocated Northern Division costs) for the years 2012 and 2013. These costs are additional O&M costs that California American Water expects to incur with the completion of certain capital projects.

Acquisition Premium

Decision 01-09-057 approved the purchase of the water and wastewater assets of Citizens Utilities by American Water and authorized the recovery of the acquisition premium attributable to California American Water. A portion of the amortization of that premium has been allocated to the Sacramento District.

Table Overview

Table 4.1 shows a Summary of Recorded and forecasted O&M Expenses, last authorized Test Year expense levels and allocated General Office, Service Company, Division Cost and Acquisition Premium expenses.

Table 4.2 shows historical and forecasted Payroll information, last authorized Test Year labor expense and staffing levels.

Table 4.3, Table 4.4 and Table 4.5 show historical and forecasted Operating, Maintenance and A&G expenses and last authorized Test Year expense levels.

Table 4.6a and Table 4.6b show historical and forecasted O&M expense per customer ratios.

Tables 4.7 and 4.8 show expense level changes in percent between historical, forecasted and last authorized Test Year expense levels.

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	<u>SUMMARY</u>					
2.	Labor	2,135.6	2,233.5	2,560.7	2,651.0	2,716.7
3.	Purchased Water	717.3	1,199.3	1,225.8	1,649.4	1,295.6
4.	Purchased Power	2,636.0	2,409.3	2,503.6	2,565.2	2,575.0
5.	Chemicals	260.3	383.5	447.0	607.3	549.6
6.	Source of Supply (SS)	68.7	30.0	51.8	44.2	97.4
7.	Pumping	30.3	13.5	26.0	33.3	51.5
8.	Water Treatment	98.2	148.9	74.7	187.5	160.8
9.	Transmission and Distribution (T&D)	109.4	137.7	111.5	95.7	89.0
10.	Maintenance (excl. tank painting)	553.5	511.1	1,130.8	832.1	616.5
11.	Tank Painting Amortization	31.4	84.3	70.3	114.2	125.7
12.	Customer Accounting	0.5	0.4	2.4	4.0	0.7
13.	Rent	9.1	10.3	17.8	19.9	11.0
14.	Transportation	391.5	415.3	394.0	519.3	516.2
15.	Regulatory Expense	8.2	5.1	5.1	4.8	0.0
16.	Uncollectibles	164.8	165.6	178.0	222.3	220.7
17.	Other Welfare	243.4	280.9	150.4	164.2	210.7
18.	Other Administrative and General	2,262.9	1,558.3	1,712.7	744.0	755.3
19.	GO historically included with district exps	1,517.8	2,147.9	1,809.8	2,225.0	3,088.1
20.	SUB-TOTAL	11,239.0	11,734.8	12,472.4	12,683.5	13,080.4
21.	Allocated "traditional" General Office	950.6	862.0	1,589.8	2,771.2	2,826.3
22.	Service Company	3,685.1	4,890.5	4,495.5	4,155.2	3,894.0
	Allocated Northern Div costs+ CapEx related O&M					
23.	Costs	79.3	140.7	116.9	189.8	88.8
24.	Citizens Acquisition Premium	2,283.8	2,221.4	2,259.0	1,798.1	1,743.8
25.	TOTAL OPERATING EXPENSES	18,237.8	19,849.4	20,933.6	21,597.7	21,633.4
26.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)	0.3	0.3	0.4	0.4	0.4

all \$ values in thousands of dollars

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Line No.	Description	ESTIMATED				LAST AUTH. TEST YEAR	LAST AUTHORIZED previously allocated costs moved back to GO	Reference
		2010	2011	2012	2013	2010		
1.	SUMMARY					2009 Settlement		
2.	Labor	2,853.0	2,944.8	3,206.6	3,308.0	3,146.1	3,146.1	Payroll- ExA Ch4 Tbl 4.2
3.	Purchased Water	1,957.5	2,026.2	2,429.8	2,505.2	2,280.0	2,280.0	Oper. Exp- ExA Ch4 Tbl 4.3
4.	Purchased Power	2,549.7	2,552.9	2,552.3	2,631.4	2,228.0	2,228.0	Oper. Exp- ExA Ch4 Tbl 4.3
5.	Chemicals	593.0	603.7	617.5	636.6	633.7	633.7	Oper. Exp- ExA Ch4 Tbl 4.3
6.	Source of Supply (SS)	60.8	62.7	64.7	66.7	179.5	179.5	Oper. Exp- ExA Ch4 Tbl 4.3
7.	Pumping	32.2	33.2	34.2	35.3	54.8	54.8	Oper. Exp- ExA Ch4 Tbl 4.3
8.	Water Treatment	178.8	184.3	192.1	195.8	260.4	260.4	Oper. Exp- ExA Ch4 Tbl 4.3
9.	Transmission and Distribution (T&D)	363.0	366.6	497.8	512.8	502.9	502.9	Oper. Exp- ExA Ch4 Tbl 4.3
10.	Maintenance (excl. tank painting)	757.9	781.9	806.8	831.8	922.7	922.7	ExA Ch4 Tbl 4.1 & 4.4
11.	Tank Painting Amortization	168.8	200.4	201.9	305.5	105.4	105.4	See Exp. WP EXP-140
12.	Customer Accounting	1.6	1.7	2.3	2.3	166.0	166.0	Oper. Exp- ExA Ch4 Tbl 4.3
13.	Rent	14.2	14.6	15.1	15.5	23.9	23.9	A&G Exp- ExA Ch4 Tbl 4.5
14.	Transportation	476.3	484.4	491.4	506.7	0.0	0.0	See Exp. WP EXP-148
15.	Regulatory Expense	4.8	5.0	5.1	5.3	467.2	467.2	A&G Exp- ExA Ch4 Tbl 4.5
16.	Uncollectibles	287.1	288.6	289.9	298.9	244.4	244.4	Oper. Exp- ExA Ch4 Tbl 4.3
17.	Other Welfare	263.5	272.0	292.5	301.6	1,249.5	304.8	A&G Exp- ExA Ch4 Tbl 4.5
18.	Other Administrative and General	1,462.9	1,509.1	1,629.4	1,678.9	2,556.2	1,374.5	A&G Exp- ExA Ch4 Tbl 4.5
19.	GO historically inclded with district exps	2,515.2	2,923.5	3,693.2	3,561.8		2,126.4	See ExA-CC Ch 3, Table 2
20.	SUB-TOTAL	14,540.4	15,255.7	17,022.5	17,400.2	15,020.7	15,020.7	
21.	Allocated "traditional" General Office	3,283.4	3,598.0	3,921.5	4,102.9	1,169.9		See ExA-CC Ch2, Table1 See ExA-SC Ch 3, Sec 3, Table 1
22.	Service Company Allocated Northern Div costs+ CapEx related O&M	4,030.0	4,229.2	4,379.6	4,533.1	3,240.8		
23.	Costs	118.5	122.3	704.2	708.1			See Exp WP EXP-400 ND
24.	Citizens Acquisition Premium	1,711.9	1,658.4	1,605.3	1,551.8	1,711.9		See ExA-CC Ch 4, Table 2
25.	TOTAL OPERATING EXPENSES	23,684.2	24,863.5	27,633.1	28,296.1	21,143.3		
26.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)	0.4	0.4	0.5	0.5	0.4		

all \$ values in thousands of dollars

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	<u>Payroll Expense</u>					
2.	Salaries	2,236.6	2,150.6	2,863.9	2,912.9	2,975.3
3.	Overtime	178.3	201.6	145.3	174.0	179.6
4.	Total Salaries	2,414.9	2,352.2	3,009.2	3,086.9	3,154.9
5.	Capitalized Payroll	279.3	118.7	448.5	435.9	438.2
6.	Total Net Payroll	2,135.6	2,233.5	2,560.7	2,651.0	2,716.7
7.	Payroll per thousand customers (in \$000's)	42.7	41.1	52.5	54.3	55.7
	<u>Number of Employees</u>					
8.	Number of employees per thousand customers	884.8	873.2	871.6	880.0	882.6
9.	Number of employees	50	50	50	50	50
	all \$ values in thousands of dollars customers (1,000s)	56.5	57.3	57.4	56.8	56.6

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Line No.	Description	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTH. TEST YEAR	Reference
		2010	2011	2012	2013	2010	
1.	<u>Payroll Expense</u>						
2.	Salaries	3,140.4	3,244.5	3,536.5	3,648.2	3,424.7	See EXP-200
3.	Overtime	205.5	212.1	217.6	224.6	182.6	See EXP-200
4.	Total Salaries	3,345.9	3,456.6	3,754.1	3,872.8	3,607.3	Calculated
5.	Capitalized Payroll	492.9	511.8	547.6	564.9	461.2	See EXP-200
6.	Total Net Payroll	2,853.0	2,944.8	3,206.6	3,308.0	3,146.1	Calculated
7.	Payroll per thousand customers (in \$000's)	58.6	60.4	65.4	67.4	60.9	
	<u>Number of Employees</u>						
8.	Number of employees per thousand customers	927.9	943.3	993.5	991.7	963.0	
9.	Number of employees	53	54	57	57	57	
	all \$ values in thousands of dollars customers (1,000s)	57.1	57.2	57.4	57.5	59.2	

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Line No.	Description	PUC Account No.	RECORDED YEARS				
			2005	2006	2007	2008	2009
OPERATION EXPENSES							
1.	Source of Supply Supervision	701	0.0	0.0	0.0	0.0	0.0
2.	Source of Supply Expense	702	0.0	0.0	0.0	0.0	0.0
3.	Source of Supply - Miscellaneous	703	68.7	30.0	51.8	44.2	97.4
4.	Purchased Water	704	717.3	1,199.3	1,225.8	1,649.4	1,295.6
5.	Pumping Expense - Operating Supervision	721	0.0	0.0	0.0	0.0	0.0
6.	Pumping Expense - Operating Exps	724	0.0	0.0	0.0	0.0	0.0
7.	Pumping Expense - Miscellaneous	725	30.3	13.5	26.0	33.3	51.5
8.	Purchased Power	726	2,636.0	2,409.3	2,503.6	2,565.2	2,575.0
8.	Water Treatment	742	0.0	3.5	2.2	(0.0)	0.1
9.	Water Treatment - Miscellaneous	743	98.2	145.4	72.6	187.5	160.6
10.	Chemicals	744	260.3	383.5	447.0	607.3	549.6
11.	T & D - Supervision	751	0.0	0.0	0.0	0.0	0.0
12.	T & D - Lines	753	2.2	7.1	2.5	0.0	0.0
13.	T & D - Meters	754	2.3	9.9	1.9	3.9	0.1
14.	T & D - Customer Installation	755	11.1	7.9	3.0	0.1	0.0
15.	T & D - Miscellaneous	756	93.8	112.8	104.2	91.7	88.9
16.	Customer Accounts - Supervision	771	0.0	0.0	0.0	0.0	0.0
17.	Customer Accounts - Meter Reading	772	0.2	0.0	1.9	2.2	0.0
17.	Cust. Accts. - Records & Collect. & Misc.	773	0.0	0.0	0.0	0.0	0.0
18.	Customer Accounts - Miscellaneous	774	0.2	0.4	0.5	1.8	0.7
19.	Customer Accounts - Uncollectibles	775	164.8	165.6	178.0	222.3	220.7
20.	TOTAL OPERATION EXPENSES		4,085.6	4,488.3	4,621.0	5,409.0	5,040.2
21.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)		0.07	0.08	0.08	0.10	0.09

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
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Line No.	Description	PUC Account No.	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTHORIZED TEST YEAR	Reference
			2010	2011	2012	2013	2010	
OPERATION EXPENSES								
1.	Source of Supply Supervision	701	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-101
2.	Source of Supply Expense	702	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-102
3.	Source of Supply - Miscellaneous	703	60.8	62.7	64.7	66.7	179.5	See Exp WP EXP-103
4.	Purchased Water	704	1,957.5	2,026.2	2,429.8	2,505.2	2,280.0	See Exp WP EXP-104
5.	Pumping Expense - Operating Supervision	721	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-105
6.	Pumping Expense - Operating Exps	724	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-106
7.	Pumping Expense - Miscellaneous	725	32.2	33.2	34.2	35.3	54.8	See Exp WP EXP-107
8.	Purchased Power	726	2,549.7	2,552.9	2,552.3	2,631.4	2,228.0	See Exp WP EXP-108
8.	Water Treatment	742	1.2	1.3	1.3	1.3	1.5	See Exp WP EXP-109
9.	Water Treatment - Miscellaneous	743	177.6	183.1	190.8	194.5	258.9	See Exp WP EXP-109
10.	Chemicals	744	593.0	603.7	617.5	636.6	633.7	See Exp WP EXP-110
11.	T & D - Supervision	751	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-111
12.	T & D - Lines	753	2.4	2.5	2.6	2.7	5.1	See Exp WP EXP-112
13.	T & D - Meters	754	3.8	3.9	4.0	4.1	6.8	See Exp WP EXP-113
14.	T & D - Customer Installation	755	4.6	4.7	4.9	5.0	6.3	See Exp WP EXP-114
15.	T & D - Miscellaneous	756	352.2	355.5	486.3	501.0	484.7	See Exp WP EXP-115
16.	Customer Accounts - Supervision	771	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-116
17.	Customer Accounts - Meter Reading	772	0.9	0.9	1.5	1.5	1.2	See Exp WP EXP-117
17.	Cust. Accts. - Records & Collect. & Misc.	773	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-118
18.	Customer Accounts - Miscellaneous	774	0.8	0.8	0.8	0.8	164.8	See Exp WP EXP-119
19.	Customer Accounts - Uncollectibles	775	287.1	288.6	289.9	298.9	244.4	See Exp WP EXP-120
20.	TOTAL OPERATION EXPENSES		6,023.7	6,119.9	6,680.5	6,885.1	6,549.7	
21.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)		0.11	0.11	0.12	0.12	0.11	

all \$ values in thousands of dollars

**CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
 SUMMARY OF MAINTENANCE EXPENSES (\$000's)
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Line No.	Description	PUC Account No.	RECORDED YEARS					
			2005	2006	2007	2008	2009	
	<u>MAINTENANCE EXPENSES</u>							
1.	Source of Supply - Supervision & Enginng	706	0.0	0.0	0.0	0.0	0.0	
2.	Source of Supply - Strctres & Imprvmts	707	0.0	0.0	16.0	0.0	0.0	
3.	Source of Supply - Reservoirs	708	0.0	0.0	0.0	0.0	0.0	
4.	Source of Supply - Wells	711	0.0	0.0	0.0	0.0	0.0	
5.	Source of Supply - Other	713	14.1	17.5	95.2	98.1	28.7	
6.	Pumping - Supervision	729	0.0	0.0	0.0	0.0	1.9	
7.	Pumping - Structures	730	14.5	0.4	2.9	0.4	1.0	
8.	Pumping - Power Production	731	0.0	0.2	2.3	0.2	0.0	
9.	Pumping - Other	733	93.0	115.1	222.6	107.8	202.3	
10.	Water Treatment - Supervision	746	0.0	0.0	0.0	0.0	0.0	
11.	Water Treatment - Structures	747	0.8	1.1	0.7	1.3	0.0	
12.	Water Treatment - Equipment	748	101.9	76.8	441.6	231.4	59.2	
13.	T & D Supervision & Engineering	758	0.0	0.0	0.0	0.0	0.0	
14.	T & D Structures	759	0.0	0.0	0.0	0.2	0.0	
15.	T & D Mains	761	164.7	131.6	221.6	165.0	74.2	
16.	T & D Fire Mains	762	0.0	0.0	0.0	0.0	0.0	
17.	T & D Services	763	142.5	139.1	85.8	119.9	135.3	
18.	T & D Meters	764	2.8	8.8	4.8	32.8	20.4	
19.	T & D Hydrants	765	1.7	5.2	6.3	31.5	82.4	
20.	T & D Miscellaneous Plant	766	48.8	99.6	101.3	157.6	137.0	
21.	TOTAL MAINTENANCE EXPENSE		584.9	595.4	1,201.1	946.3	742.2	
22.	Maintenance Expense per customer (in thousands of dollars per customer)		0.01	0.01	0.02	0.02	0.01	

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**CALIFORNIA AMERICAN WATER
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Line No.	Description	PUC Account No.	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTHORIZED TEST YEAR	Reference
			2010	2011	2012	2013	2010	
	<u>MAINTENANCE EXPENSES</u>							
1.	Source of Supply - Supervision & Enginng	706	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-121
2.	Source of Supply - Strctres & Imprvmts	707	3.3	3.4	3.6	3.7	3.5	See Exp WP EXP-122
3.	Source of Supply - Reservoirs	708	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-123
4.	Source of Supply - Wells	711	0.0	0.0	0.0	0.0	0.9	See Exp WP EXP-124
5.	Source of Supply - Other	713	52.7	54.4	56.1	57.9	88.5	See Exp WP EXP-125
6.	Pumping - Supervision	729	0.4	0.4	0.4	0.4	0.0	See Exp WP EXP-126
7.	Pumping - Structures	730	4.0	4.1	4.2	4.4	0.0	See Exp WP EXP-127
8.	Pumping - Power Production	731	0.5	0.6	0.6	0.6	144.8	See Exp WP EXP-128
9.	Pumping - Other	733	154.1	159.0	164.0	169.1	0.0	See Exp WP EXP-129
10.	Water Treatment - Supervision	746	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-130
11.	Water Treatment - Structures	747	0.8	0.9	0.9	0.9	0.9	See Exp WP EXP-131
12.	Water Treatment - Equipment	748	189.5	195.5	201.7	207.9	277.9	See Exp WP EXP-132
13.	T & D Supervision & Engineering	758	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-133
14.	T & D Structures	759	0.0	0.1	0.1	0.1	126.2	See Exp WP EXP-134
15.	T & D Mains	761	157.5	162.4	167.6	172.8	146.9	See Exp WP EXP-135
16.	T & D Fire Mains	762	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-136
17.	T & D Services	763	129.5	133.6	137.8	142.1	110.6	See Exp WP EXP-137
18.	T & D Meters	764	14.5	14.9	15.4	15.9	12.4	See Exp WP EXP-138
19.	T & D Hydrants	765	26.4	27.3	28.1	29.0	10.1	See Exp WP EXP-139
20.	T & D Miscellaneous Plant	766	193.4	225.7	228.0	332.5	105.4	See Exp WP EXP-140
21.	TOTAL MAINTENANCE EXPENSE		926.8	982.3	1,008.6	1,137.3	1,028.1	
22.	Maintenance Expense per customer (in thousands of dollars per customer)		0.02	0.02	0.02	0.02	0.02	

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
 SUMMARY OF ADMINISTRATIVE AND GENERAL (A&G) EXPENSES (\$000's)
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Line No.	Description	PUC Account No.	RECORDED YEARS				
			2005	2006	2007	2008	2009
	ADMINISTRATIVE & GENERAL EXPENSES						
1.	Salaries	791	0.0	0.0	0.0	0.0	0.0
2.	Office Supplies & Other Expenses	792	67.2	57.6	47.0	35.5	39.2
3.	Property Insurance	793	4.5	0.0	0.1	4.6	2.5
4.	Worker's Comp, Injuries & Damages	794	0.0	0.0	6.7	16.9	0.0
5.	Employee Pension & Benefits	795	243.4	280.9	150.4	164.2	210.7
6.	Regulatory Expense	797	8.2	5.1	5.1	4.8	0.0
7.	Outside Services	798	1,061.7	599.6	806.6	(57.5)	94.1
8.	Miscellaneous General Expense	799	1,510.4	1,313.7	1,229.6	1,254.9	1,133.7
9.	General Plant	805	10.6	2.7	16.6	8.9	2.0
10.	Rents	811	9.1	10.3	17.8	19.9	11.0
11.	TOTAL ADMIN & GENERAL EXPENSES		2,915.1	2,269.8	2,279.9	1,452.2	1,493.2
	SUMMARY:						
12.	Total Insurance		4.5	0.0	6.8	21.5	2.5
13.	Total Pension & Benefits		243.4	280.9	150.4	164.2	210.7
14.	Total Outside Services		1,061.7	599.6	806.6	(57.5)	94.1
15.	Total Other A & G		1,596.3	1,379.0	1,298.3	1,304.2	1,174.9
16.	Total Rents		9.1	10.3	17.8	19.9	11.0
17.	TOTAL ADMIN & GENERAL EXPENSES		2,915.1	2,269.8	2,279.9	1,452.2	1,493.2
18.	A&G Expense per customer		0.05	0.04	0.04	0.03	0.03

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
 SUMMARY OF ADMINISTRATIVE AND GENERAL (A&G) EXPENSES (\$000's)
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Line No.	Description	PUC Account No.	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTHORIZED TEST YEAR	Reference
			2010	2011	2012	2013	2010	
ADMINISTRATIVE & GENERAL EXPENSES								
1.	Salaries	791	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-141
2.	Office Supplies & Other Expenses	792	51.2	52.9	54.5	56.2	58.9	See Exp WP EXP-142
3.	Property Insurance	793	2.4	2.5	2.6	2.7	103.9	See Exp WP EXP-143
4.	Worker's Comp, Injuries & Damages	794	4.9	5.1	5.2	5.4	486.3	See Exp WP EXP-144
5.	Employee Pension & Benefits	795	263.5	272.0	292.5	301.6	1,249.5	See Exp WP EXP-145
6.	Regulatory Expense	797	4.8	5.0	5.1	5.3	467.2	See Exp WP EXP-146
7.	Outside Services	798	521.0	537.4	554.5	571.7	37.0	See Exp WP EXP-147
8.	Miscellaneous General Expense	799	1,351.1	1,386.9	1,494.9	1,540.3	1,831.9	See Exp WP EXP-148
9.	General Plant	805	8.5	8.7	9.0	9.3	38.2	See Exp WP EXP-149
10.	Rents	811	14.2	14.6	15.1	15.5	23.9	See Exp WP EXP-150
11.	TOTAL ADMIN & GENERAL EXPENSES		2,221.7	2,285.1	2,433.6	2,508.1	4,296.8	
SUMMARY:								
12.	Total Insurance		7.3	7.6	7.8	8.1	590.2	Line 3 & 4
13.	Total Pension & Benefits		263.5	272.0	292.5	301.6	1,249.5	Line 5
14.	Total Outside Services		521.0	537.4	554.5	571.7	37.0	Line 7
15.	Total Other A & G		1,415.7	1,453.5	1,563.6	1,611.1	2,396.2	Lines 2, 6, 8 & 9
16.	Total Rents		14.2	14.6	15.1	15.5	23.9	Line 10
17.	TOTAL ADMIN & GENERAL EXPENSES		2,221.7	2,285.1	2,433.6	2,508.1	4,296.8	
18.	A&G Expense per customer		0.04	0.04	0.04	0.04	0.07	

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CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	SUMMARY					
2.	Labor	2,135.6	2,233.5	2,560.7	2,651.0	2,716.7
3.	Purchased Water	717.3	1,199.3	1,225.8	1,649.4	1,295.6
4.	Purchased Power	2,636.0	2,409.3	2,503.6	2,565.2	2,575.0
5.	Chemicals	260.3	383.5	447.0	607.3	549.6
6.	Source of Supply (SS)	68.7	30.0	51.8	44.2	97.4
7.	Pumping	30.3	13.5	26.0	33.3	51.5
8.	Water Treatment	98.2	148.9	74.7	187.5	160.8
9.	Transmission and Distribution (T&D)	109.4	137.7	111.5	95.7	89.0
10.	Maintenance (excl. tank painting)	553.5	511.1	1,130.8	832.1	616.5
11.	Tank Painting Amortization	31.4	84.3	70.3	114.2	125.7
12.	Customer Accounting	0.5	0.4	2.4	4.0	0.7
13.	Rent	9.1	10.3	17.8	19.9	11.0
14.	Transportation	391.5	415.3	394.0	519.3	516.2
15.	Regulatory Expense	8.2	5.1	5.1	4.8	0.0
16.	Uncollectibles	164.8	165.6	178.0	222.3	220.7
17.	Other Welfare	243.4	280.9	150.4	164.2	210.7
18.	Other Administrative and General	2,262.9	1,558.3	1,712.7	744.0	755.3
19.	GO historically included with district exps	1,517.8	2,147.9	1,809.8	2,225.0	3,088.1
20.	SUB-TOTAL	11,239.0	11,734.8	12,472.4	12,683.5	13,080.4
21.	Allocated "traditional" General Office	950.6	862.0	1,589.8	2,771.2	2,826.3
22.	Service Company	3,685.1	4,890.5	4,495.5	4,155.2	3,894.0
23.	Allocated Northern Div costs+ CapEx related O&M Costs	79.3	140.7	116.9	189.8	88.8
24.	Citizens Acquisition Premium Customers	2,283.8	2,221.4	2,259.0	1,798.1	1,743.8

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Line No.	Description	EXPENSES PER CUSTOMER				
		2005	2006	2007	2008	2009
1.	SUMMARY					
2.	Labor	37.8	39.0	44.6	46.7	48.0
3.	Purchased Water	12.7	20.9	21.4	29.0	22.9
4.	Purchased Power	46.6	42.1	43.6	45.1	45.5
5.	Chemicals	4.6	6.7	7.8	10.7	9.7
6.	Source of Supply (SS)	1.2	0.5	0.9	0.8	1.7
7.	Pumping	0.5	0.2	0.5	0.6	0.9
8.	Water Treatment	1.7	2.6	1.3	3.3	2.8
9.	Transmission and Distribution (T&D)	1.9	2.4	1.9	1.7	1.6
10.	Maintenance (excl. tank painting)	9.8	8.9	19.7	14.6	10.9
11.	Tank Painting Amortization	0.6	1.5	1.2	2.0	2.2
12.	Customer Accounting	0.0	0.0	0.0	0.1	0.0
13.	Rent	0.2	0.2	0.3	0.4	0.2
14.	Transportation	6.9	7.3	6.9	9.1	9.1
15.	Regulatory Expense	0.1	0.1	0.1	0.1	0.0
16.	Uncollectibles	2.9	2.9	3.1	3.9	3.9
17.	Other Welfare	4.3	4.9	2.6	2.9	3.7
18.	Other Administrative and General	40.0	27.2	29.9	13.1	13.3
19.	GO historically included with district exps	26.9	37.5	31.5	39.2	54.5
20.	SUB-TOTAL	198.9	204.9	217.4	223.2	230.9
21.	Allocated "traditional" General Office	16.8	15.1	27.7	48.8	49.9
22.	Service Company	65.2	85.4	78.4	73.1	68.7
23.	Allocated Northern Div costs+ CapEx related O&M Costs	1.4	2.5	2.0	3.3	1.6
24.	Citizens Acquisition Premium	40.4	38.8	39.4	31.6	30.8
	Customers	56,509	57,261	57,367	56,815	56,648

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Line No	Description	EXPENSES PER CUSTOMER			
		2010	2011	2012	2013
1.	SUMMARY				
2.	Labor	49.9	51.4	55.9	57.6
3.	Purchased Water	34.3	35.4	42.4	43.6
4.	Purchased Power	44.6	44.6	44.5	45.8
5.	Chemicals	10.4	10.5	10.8	11.1
6.	Source of Supply (SS)	1.1	1.1	1.1	1.2
7.	Pumping	0.6	0.6	0.6	0.6
8.	Water Treatment	3.1	3.2	3.3	3.4
9.	Transmission and Distribution (T&D)	6.4	6.4	8.7	8.9
10.	Maintenance (excl. tank painting)	13.3	13.7	14.1	14.5
11.	Tank Painting Amortization	3.0	3.5	3.5	5.3
12.	Customer Accounting	0.0	0.0	0.0	0.0
13.	Rent	0.2	0.3	0.3	0.3
14.	Transportation	8.3	8.5	8.6	8.8
15.	Regulatory Expense	0.1	0.1	0.1	0.1
16.	Uncollectibles	5.0	5.0	5.1	5.2
17.	Other Welfare	4.6	4.8	5.1	5.2
18.	Other Administrative and General	25.6	26.4	28.4	29.2
19.	GO historically included with district exps	44.0	51.1	64.4	62.0
20.	SUB-TOTAL	254.6	266.5	296.7	302.7
21.	Allocated "traditional" General Office	57.5	62.9	68.4	71.4
22.	Service Company	70.6	73.9	76.3	78.9
23.	Allocated Northern Div costs+ CapEx related O&M Costs	2.1	2.1	12.3	12.3
24.	Citizens Acquisition Premium Customers	30.0	29.0	28.0	27.0

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 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
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Line No	Description	PROJECTED YEARS			
		2010	2011	2012	2013
1.	SUMMARY				
2.	Labor	2,853.0	2,944.8	3,206.6	3,308.0
3.	Purchased Water	1,957.5	2,026.2	2,429.8	2,505.2
4.	Purchased Power	2,549.7	2,552.9	2,552.3	2,631.4
5.	Chemicals	593.0	603.7	617.5	636.6
6.	Source of Supply (SS)	60.8	62.7	64.7	66.7
7.	Pumping	32.2	33.2	34.2	35.3
8.	Water Treatment	178.8	184.3	192.1	195.8
9.	Transmission and Distribution (T&D)	363.0	366.6	497.8	512.8
10.	Maintenance (excl. tank painting)	757.9	781.9	806.8	831.8
11.	Tank Painting Amortization	168.8	200.4	201.9	305.5
12.	Customer Accounting	1.6	1.7	2.3	2.3
13.	Rent	14.2	14.6	15.1	15.5
14.	Transportation	476.3	484.4	491.4	506.7
15.	Regulatory Expense	4.8	5.0	5.1	5.3
16.	Uncollectibles	287.1	288.6	289.9	298.9
17.	Other Welfare	263.5	272.0	292.5	301.6
18.	Other Administrative and General	1,462.9	1,509.1	1,629.4	1,678.9
19.	GO historically included with district exps	2,515.2	2,923.5	3,693.2	3,561.8
20.	SUB-TOTAL	14,540.4	15,255.7	17,022.5	17,400.2
21.	Allocated "traditional" General Office	3,283.4	3,598.0	3,921.5	4,102.9
22.	Service Company	4,030.0	4,229.2	4,379.6	4,533.1
23.	Allocated Northern Div costs+ CapEx related O&M Costs	118.5	122.3	704.2	708.1
24.	Citizens Acquisition Premium Customers	1,711.9	1,658.4	1,605.3	1,551.8
		57,119	57,244	57,373	57,478

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 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	SUMMARY					
	Calculation	N/A	=(2006/2005)-1	=(2007/2006)-1	=(2008/2007)-1	=(2009/2008)-1
2.	Labor	N/A	4.6%	14.6%	3.5%	2.5%
3.	Purchased Water	N/A	67.2%	2.2%	34.6%	-21.5%
4.	Purchased Power	N/A	-8.6%	3.9%	2.5%	0.4%
5.	Chemicals	N/A	47.3%	16.6%	35.9%	-9.5%
6.	Source of Supply (SS)	N/A	-56.4%	73.0%	-14.7%	120.3%
7.	Pumping	N/A	-55.5%	92.8%	27.8%	54.8%
8.	Water Treatment	N/A	51.7%	-49.8%	150.9%	-14.3%
9.	Transmission and Distribution (T&D)	N/A	25.9%	-19.0%	-14.2%	-7.0%
10.	Maintenance (excl. tank painting)	N/A	-7.7%	121.2%	-26.4%	-25.9%
11.	Tank Painting Amortization	N/A	168.1%	-16.6%	62.5%	10.1%
12.	Customer Accounting	N/A	-20.4%	551.6%	68.9%	-82.6%
13.	Rent	N/A	13.1%	73.0%	12.2%	-44.6%
14.	Transportation	N/A	6.1%	-5.1%	31.8%	-0.6%
15.	Regulatory Expense	N/A	-38.1%	0.6%	-4.7%	-100.0%
16.	Uncollectibles	N/A	0.5%	7.5%	24.9%	-0.7%
17.	Other Welfare	N/A	15.4%	-46.5%	9.2%	28.4%
18.	Other Administrative and General	N/A	-31.1%	9.9%	-56.6%	1.5%
19.	GO historically included with district exps	N/A	41.5%	-15.7%	22.9%	38.8%
21.	Allocated "traditional" General Office	N/A	-9.3%	84.4%	74.3%	2.0%
22.	Service Company	N/A	32.7%	-8.1%	-7.6%	-6.3%
23.	Allocated Northern Div costs+ CapEx relate	N/A	N/A	N/A	N/A	N/A
25.	TOTAL OPERATING EXPENSES	N/A	8.8%	5.5%	3.2%	0.2%

CALIFORNIA AMERICAN WATER
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Line No.	Description	ESTIMATED				LAST AUTHORIZED TEST YEAR
		2010	2011	2012	2013	2010
1.	<u>SUMMARY</u>					
	Calculation	=(2010/2009)-1	=(2011/2010)-1	=(2012/2011)-1	=(2013/2012)-1	=(Test Yr/Last Auth)-1
2.	Labor	5.0%	3.2%	8.9%	3.2%	1.9%
3.	Purchased Water	51.1%	3.5%	19.9%	3.1%	6.6%
4.	Purchased Power	-1.0%	0.1%	0.0%	3.1%	14.6%
5.	Chemicals	7.9%	1.8%	2.3%	3.1%	-2.6%
6.	Source of Supply (SS)	-37.6%	3.2%	3.2%	3.1%	-64.0%
7.	Pumping	-37.5%	3.2%	3.2%	3.1%	-37.5%
8.	Water Treatment	11.3%	3.1%	4.2%	2.0%	-26.2%
9.	Transmission and Distribution (T&D)	308.0%	1.0%	35.8%	3.0%	-1.0%
10.	Maintenance (excl. tank painting)	22.9%	3.2%	3.2%	3.1%	-12.6%
11.	Tank Painting Amortization	34.3%	18.7%	0.7%	51.3%	91.5%
12.	Customer Accounting	135.0%	3.2%	32.6%	3.1%	-98.6%
13.	Rent	28.2%	3.2%	3.2%	3.1%	-36.9%
14.	Transportation	-7.7%	1.7%	1.4%	3.1%	N/A
15.	Regulatory Expense	N/A	3.2%	3.2%	3.1%	-98.9%
16.	Uncollectibles	30.1%	0.5%	0.5%	3.1%	18.6%
17.	Other Welfare	25.1%	3.2%	7.5%	3.1%	-76.6%
18.	Other Administrative and General	93.7%	3.2%	8.0%	3.0%	-36.3%
19.	GO historically included with district exps	-18.6%	16.2%	26.3%	-3.6%	73.7%
21.	Allocated "traditional" General Office	16.2%	9.6%	9.0%	4.6%	235.2%
22.	Service Company	3.5%	4.9%	3.6%	3.5%	35.1%
23.	Allocated Northern Div costs+ CapEx relate	N/A	N/A	N/A	0.6%	N/A
25.	TOTAL OPERATING EXPENSES	9.5%	5.0%	11.1%	2.4%	30.7%

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains tables with historical information for the years 2005 through 2009 regarding taxes based on factors other than taxable income. These tables also contain estimates of such taxes for the years 2010 through 2013. The tables are presented as follows:

Table 5.1 – Total Taxes Other Than Income Taxes

This table summarizes calculations of taxes based on factors other than taxable income for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013. Ad valorem and franchise taxes are further detailed on Tables 5.2 and 5.3. Payroll taxes were based on payroll information detailed in Chapter 4 of Exhibit A.

Payroll taxes include state unemployment insurance, federal unemployment insurance, federal social security taxes and federal Medicare taxes. Payroll tax rates were applied to the estimated wage tax base to derive payroll tax estimates charged to operating expenses for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013. The various tax rates used for these calculations are discussed below.

FICA/Medicare Taxes/FUTA/SUI

Estimates for payroll taxes were based on current information from federal and state payroll tax publications. Payroll tax estimates take into consideration various wage limits included in current tax provisions. The following are the tax rates and wage limits used in the calculations:

- 1) FICA – 6.20% for the first \$110,800, \$115,000, \$119,600 of total wages for 2010, 2011 and 2012, respectively.
- 2) Medicare – 1.45% of total wages for 2010 through 2012
- 3) FUTA – 0.8% for the first \$7,000 of total wages for 2010 through 2012
- 4) SUI – 1.20% for the first \$7,000 of total wages for 2010 through 2012

Table 5.2 – Ad Valorem Taxes

Table 5.2 contains historical information for the years 2005 through 2009 regarding ad valorem taxes as well as estimates of ad valorem taxes for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013.

The calculation of estimated ad valorem taxes was based on a similar procedure used for water utilities by the county taxing authority. Information regarding the various components of the ad valorem tax calculation was obtained from other chapters and sections of the GRC application and recorded ad valorem taxes as referenced in this Table.

Ad valorem taxes recorded on the books of California American Water for the years 2005 through 2009 were compared to the year-end net rate base amount and the resulting average ratio was applied to the forecasted net rate base to estimate ad valorem taxes for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013.

Table 5.3 – Franchise Taxes

Table 5.3 contains the historical ratio of franchise taxes to revenues for the years 2005 through 2009. The tables also shows the ratios used to estimate franchise taxes for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013.

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TAXES OTHER THAN INCOME (000'S)**

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TAXES OTHER THAN INCOME	ESTIMATED		TEST YEAR		Reference
	2010	2011	2012	2013	
Ad Valorem Taxes	1477.4	1585.0	1787.3	1980.0	Table 5.2
Franchise Taxes	101.2	101.7	102.2	125.7	Table 5.3
Payroll Taxes					
Gross Payroll Taxes					
F.I.C.A.	189.4	195.7	207.6	214.2	See Expense Wkpapers EXP-200
Medicare	44.6	46.0	48.7	50.2	
F.U.T.A.	3.0	3.0	3.1	3.1	
S.U.I.	4.5	4.5	4.6	4.6	
Capitalized Payroll Taxes					
F.I.C.A.	28.5	29.4	31.2	32.2	See Expense Wkpapers EXP-200
Medicare	6.7	6.9	7.3	7.6	
F.U.T.A.	0.4	0.4	0.5	0.5	
S.U.I.	0.7	0.7	0.7	0.7	
Net Payroll Taxes					
F.I.C.A.	160.9	166.3	176.4	182.0	See Expense Wkpapers EXP-200
Medicare	37.9	39.1	41.4	42.7	
F.U.T.A.	2.5	2.5	2.6	2.6	
S.U.I.	3.8	3.8	3.9	3.9	
Net Payroll Taxes	205.1	211.7	224.3	231.2	
TOTAL OTHER TAXES	1,783.7	1,898.5	2,113.8	2,337.0	

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 FRANCHISE TAXES (000's)

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Line No.		Recorded Years					ESTIMATED		TEST YEAR		Reference
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
1.	Total Revenues @Present Rates	25,101.3	25,225.5	27,106.6	33,851.1	33,612.2	43,719.2	43,948.8	44,150.7	54,330.5	Chap 2, Table 2.3
2.	Franchise Taxes	40.0	45.5	62.3	76.1	80.6	101.2	101.7	102.2	125.7	Ln 1 x Ln 3
3.	Franchise Tax/ Total Revenues	0.00159	0.00180	0.00230	0.00225	0.00240	0.00231	0.00231	0.00231	0.00231	Calculated
4.	3 YEAR AVERAGE (2007-2009) =		0.00231	[1]							Calculated
	[1] Began payment of franchise taxes to City of Rancho Cordova in 2007; therefore a 3 year average was used.										

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains tables regarding the calculation of taxes based on income. The tables are presented as follows:

Table 6.1 – Calculation of Income Taxes at Present Rates

This table contains a calculation of state and federal income taxes for Estimated Year 2011, Test Year 2012, Escalation Year 2013 and Attrition Year 2014 at the current or anticipated present rates in effect at the time.

Table 6.2 – Calculation of Income Taxes at Proposed Rates

This table contains a calculation of state and federal income taxes for Test Year 2012, Escalation Year 2013 and Attrition Year 2014 if the tariff rates proposed by California American Water in this application are approved.

Information About Calculations

The methods used to compute taxable income are as follows:

- 1) Operating Revenues as shown on Exhibit A - Chapter 2 – Tables 2.2 and 2.3.
- 2) Total Operating Expenses and Uncollectibles as shown on Exhibit A - Chapter 2- Tables 2.2 and 2.3.
- 3) Book Depreciation as shown on Exhibit A - Chapter 2 – Tables 2.2 and 2.3. California American Water has adopted FAS 109 and defers the difference between depreciation recorded on its books and depreciation used to calculate its taxable income.
- 4) Domestic Production Activity Deduction was calculated based on Internal Revenue Code Section 199 guidelines. Section 199 provides for a tax deduction based on qualified production activity income or wages whichever is less.
- 5) Rate Making Interest Expense was calculated using the Interest Synchronization Method that requires the application of the weighted cost of debt used in the calculation of the Rate of Return shown on Exhibit C to the net rate base shown on Exhibit A, Chapter 9- Table 9.2.
- 6) Taxes Other Than Income Taxes as shown on Exhibit A, Chapter 2, Tables 2.2 and 2.3.

- 7) Deferred Taxes can constitute one or more of the following:
 - a. Investment Tax Credits that include the amortization of amounts deferred in previous years in accordance with previous provisions of the Federal Tax Code.
 - b. An adjustment to taxable net income resulting from the write-off of deferred income taxes amounts that resulted from a decrease in prior tax rates from 46% to 35%, known as the reverse South Georgia method. Additional deferred income taxes resulting from the reverse South Georgia method decrease have been grossed-up in accordance with FAS 109.

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CALCULATION OF TAXES ON INCOME (000's)
AT PRESENT RATES

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TABLE 6.1

	Estimated Year	Test Year	Escalation Year	Attrition Year	Reference
	2011	2012	2013 @ 2012 Rates	2014	
Operating Revenues	\$43,948.8	\$44,150.7	\$54,330.5	\$57,974.7	Chap 2 Table 2.3
Operating Revenue Deductions:					
Operating Exps less Uncollectibles	\$24,574.9	\$27,343.1	\$27,997.1	\$28,665.1	Chap 2 Table 2.3
Uncollectibles	\$288.6	\$289.9	\$357.3	\$381.2	Chap 2 Table 2.3
Domestic Production Activity Deduct	\$38.7	\$13.6	\$122.8	\$122.8	See EXP-700 Wkpaper
Book Depreciation	\$9,495.4	\$7,959.2	\$8,870.9	\$9,782.6	Chap 2 Table 2.3
Interest Expense	\$5,033.9	\$5,546.7	\$6,304.9	\$7,063.2	Chap 9 Table 9.2
Taxes - Other than Income	\$1,898.5	\$2,113.8	\$2,337.0	\$2,598.1	Chap 2 Table 2.3
Total Operating Revenue Deductions:					
Federal	\$41,330.0	\$43,266.4	\$45,990.0	\$48,613.0	Calculated
State	\$41,291.3	\$43,252.8	\$45,867.2	\$48,490.2	Calculated
Taxable Net-State	\$2,657.5	\$897.9	\$8,463.2	\$9,484.4	Calculated
State Income Tax @ 8.84%	\$234.9	\$79.4	\$748.1	\$838.4	Calculated
Less:					
Deferred Taxes	\$0.0	\$0.0	\$0.0	\$0.0	Chap 9, Table 9.8
STATE INCOME TAXES	\$234.9	\$79.4	\$748.1	\$838.4	Calculated
Taxable Net-Federal	\$2,185.6	\$649.4	\$7,367.1	\$8,293.4	
Federal Income Tax @ 35.00%	\$765.0	\$227.3	\$2,578.5	\$2,902.7	Calculated
Less:					
Deferred Taxes	\$0.0	\$0.0	\$0.0	\$0.0	Chap 9, Table 9.9
FEDERAL INCOME TAX	\$765.0	\$227.3	\$2,578.5	\$2,902.7	Calculated
TOTAL TAXES ON INCOME	\$999.9	\$306.7	\$3,326.6	\$3,741.1	Calculated

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SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
CALCULATION OF TAXES ON INCOME (000's)
AT PROPOSED RATES**

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6.2**

	Test Year	Escalation Year	Attrition Year	
	2012	2013	2014	Reference
Operating Revenues	\$54,330.5	\$57,974.7	\$62,080.3	Chap 2 Table 2.2
Operating Revenue Deductions:				
Operating Exps less Uncollectibles	\$27,343.1	\$27,997.1	\$28,665.1	Chap 2 Table 2.2
Uncollectibles	\$357.3	\$381.2	\$408.2	Chap 2 Table 2.2
Domestic Production Activity Deduct	\$166.4	\$175.3	\$175.3	See EXP-700 Wkpr
Book Depreciation	\$7,959.2	\$8,870.9	\$9,782.6	Chap 2 Table 2.2
Interest Expense	\$5,546.7	\$6,304.9	\$7,063.2	Chap 9 Table 9.2
Taxes - Other than Income	\$2,113.8	\$2,337.0	\$2,598.1	Chap 2 Table 2.2
Total Operating Revenue Deductions:				
Federal	\$43,486.5	\$46,066.5	\$48,692.5	Calculated
State	\$43,320.1	\$45,891.2	\$48,517.2	Calculated
Taxable Net-State	\$11,010.3	\$12,083.5	\$13,563.0	Calculated
State Income Tax @ 8.84%	\$973.3	\$1,068.2	\$1,199.0	Calculated
Less:				
Deferred Taxes	\$0.0	\$0.0	\$0.0	Chap 6 Table 6.1
STATE INCOME TAXES	\$973.3	\$1,068.2	\$1,199.0	Calculated
Taxable Net-Federal	\$10,609.0	\$10,934.9	\$12,319.5	Calculated
Federal Income Tax @ 35.00%	\$3,713.2	\$3,827.2	\$4,311.8	Calculated
Less:				
Deferred Taxes	\$0.0	\$0.0	\$0.0	Chap 6 Table 6.1
FEDERAL INCOME TAX	\$3,713.2	\$3,827.2	\$4,311.8	Calculated
TOTAL TAXES ON INCOME	\$4,686.5	\$4,895.4	\$5,510.8	

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This Chapter contains detailed information regarding utility plant in service in the Sacramento District of California American Water for each of the years 2005 through 2013.

The Strategic Capital Expenditure Plan work paper (Capital Budget) details the additions from 2010 through 2013 projected to be in service. California American Water only added new projects where it was necessary to provide quality service and kept the number and expense of those projects to a minimum. All other years reflect actual utility plant in service from 2005 through 2009.

The retirements for all projects are calculated on the retirements work paper using a retirement factor either 1) based upon a five-year historical retirements to five-year historical addition ratio as shown on Table 7.5 of this Chapter or 2) as provided by our depreciation consultant for years 2010-2013. The manner in which the retirements were calculated is in accordance with prior precedence. All other years reflect actual retirements from 2005 through 2009.

This chapter includes tables of information presented as follows:

Table 7.1 – This table contains a calculation of Weighted Average Utility Plant in Service as recorded for the years 2005 through 2009 as well as proposed for the year 2010.

Table 7.2 – This table contains a calculation of Weighted Average Utility Plant in Service as authorized for 2010 in the prior Sacramento District GRC and as proposed for the years 2011 through 2013.

Table 7.3 – This table contains a list, by account of Utility Plant In Service balances as of the beginning of each of the years 2005 through 2013.

Table 7.4 – This table contains a detailed listing of additions to Utility Plant In Service, by Account for each of the years 2004 through 2013.

Table 7.5 – This table contains a detailed listing of retirements from Utility Plant In Service, by account for each of the years 2004 through 2011.

Table 7.6 – This table contains a detailed list of Miscellaneous Adjustments and Reclassifications to Utility Plant In Service for each of the years 2005 through 2013.

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UTILITY PLANT IN SERVICE**

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Table 7.7 – This table contains a list, by account of Utility Plant In Service balances as of the end of each of the years 2005 through 2013.

Table 7.8 – This table contains a calculation of the percentages of increase in Weighted Average Utility Plant In Service for the years 2005 through 2012 as authorized and as proposed in this Application and as shown on a plant and plant per customer basis.

This chapter includes additions for the projects presented as follows:

FP #	FP Description	2010	2011	2012	2013
RP-0560-A	Mains - New	392,617	117,869	115,000	115,000
RP-0560-B	Mains - Replaced/Restored	226,482	139,843	0	0
RP-0560-C	Mains - Unscheduled	0	0	150,000	156,000
RP-0560-D	Mains - Relocation	0	0	15,000	16,000
RP-0560-E	Hydrants, Valves, and Manholes - New	7,155	6,996	10,000	10,000
RP-0560-F	Hydrants, Valves, and Manholes - Replaced	105,668	72,336	92,000	96,000
RP-0560-G	Services and Laterals - New	53,744	51,544	50,000	52,000
RP-0560-H	Services and Laterals - Replaced	688,653	609,550	603,000	627,000
RP-0560-I	Meters - New	128,720	128,720	24,000	25,000
RP-0560-J	Meters - Replaced	604,413	199,436	384,000	321,000
RP-0560-K	ITS Equipment and Systems	51,700	51,700	0	0
RP-0560-L	SCADA Equipment and Systems	5,914	5,914	0	0
RP-0560-M	Security Equipment and Systems	0	0	40,000	42,000
RP-0560-N	Offices and Operations Centers	29,682	29,682	5,000	5,000
RP-0560-O	Vehicles	0	0	241,000	298,000
RP-0560-P	Tools and Equipment	114,754	43,340	67,000	70,000
RP-0560-Q	Process Plant Facilities and Equipment	1,361,727	836,009	1,200,000	1,248,000
RP-0560-R	Capitalized Tank Rehabilitation/Painting	3,300	0	122,000	139,000
RP-0551-S	Comprehensive Planning Studies	95,334	0	0	0
05600209	SAC-Conv Flat Rate Met Serv	6,279	0	0	0
05600215	SAC-Shenandoah Main Replace	196	0	0	0
05600401	SAC - Cook Riolo Tank & Booster (Adv. Ltr.)	4,947,592	0	0	0
05600502	SAC - Jackson Hwy Well/Reservoir/Booster	436,000	0	0	0
05600602	SAC-Well Treatment Improvements 06	47,952	0	0	0
IP-0560-90	SAC-Water Treatment Improvements 2008	2,012	0	0	0
IP-0560-19	SAC - Rehab Wells 2009	78,030	0	0	0

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FP #	FP Description	2010	2011	2012	2013
05600642	SAC - Small Main/Backyard	52,030	0	0	0
IP-0560-149	SAC - Meter Conversion 2009-10	9,691,811	0	0	0
IP-0560-6	SAC - Meter Conversions 2010-11	3,544,482	0	0	0
IP-0560-20	SAC - Rehab Wells 2010	597,725	0	0	0
IP-0560-21	SAC - Rehab Wells 2011	0	596,625	0	0
IP-0560-111	SAC - Water Treatment Improvs 2009-10	143,997	0	0	0
IP-0560-112	SAC - Water Treatment Improvs 2010-11	0	1,000,000	0	0
IP-0560-113	SAC - Water Treatment Improvs 2011-12	0	787,969	0	0
IP-0560-131	SAC - SCADA Upgrades 2011	0	768,750	0	0
IP-0560-7	SAC - Meter Conversions 2011-12	0	8,127,000	0	0
IP-0560-145	SAC - Standby Generator	241,583	0	0	0
05600202	SAC - Distr Sys Improve Suburb	0	4,992,104	0	0
IP-0560-88	SAC - Crowder Lane Controls	0	54,849	0	0
IP-0560-125	SAC - SCADA Upgrades 2008	1,163,465	0	0	0
05600713	SAC - Elverta Road Bridge Water Main	0	0	407,340	0
IP-0560-154	SAC - Pkwy Frnkln/Flrn Small Main Pgm	0	0	2,306,861	0
IP-0560-155	SAC - Pkwy Circle Small Main Pgm	0	0	2,743,427	0
IP-0560-156	SAC - Pkwy Center Pkwy Small Main Pgm	732,274	584,000	0	4,400,000
IP-0560-116	SAC - Suburban 1,000' 12" on Bradshaw (Goethe)	0	0	535,000	0
IP-0560-53	SAC - Arden Intertie, BPS, Pipeline	0	0	0	2,272,325
IP-0560-71	SAC - Add'l Pump Equipment (Mather)	0	0	250,000	0
IP-0560-100	SAC -Walnut Grove System Improvs	0	0	722,718	0
IP-0560-126	SAC - Suburban SOS/SAC City Wtr. Purch.	0	0	1,500,000	0
IP-0560-98	SAC - Parkway Purch Water (.33 MGD)	0	0	1,572,000	0
05600304	SAC - Walerga Rd. Tank & Booster Station	0	0	0	6,749,260
IP-0560-187	SAC - Perm Sani Sewer Conn Wlnt Grove	0	0	418,656	0
IP-0560-109	SAC - Well Rehabs 2012	0	0	664,521	0
IP-0560-165	SAC - Water Treatment Improvs 2012-13	0	0	1,700,000	0

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FP #	FP Description	2010	2011	2012	2013
IP-0560-166	SAC - Water Treatment Improvs 2013-14	0	0	0	1,700,000
IP-0560-144	SAC - Parkway Emergency Generators	0	0	750,000	0
IP-0560-170	SAC - Lincoln Oaks PCE/VOC Study	0	0	350,000	0
IP-0560-176	SAC - Mapping Improvement Project	0	0	0	250,000
IP-0560-139	SAC - Antelope Road Interconnect w/SSWD	0	0	0	0
IP-0560-179	SAC - SCADA Upgrades 2012-14	0	0	0	1,632,000
IP-0560-184	SAC - Arden SOS/SAC City Wtr. Purch.	0	0	1,500,000	0
IP-0560-188	SAC - Standby Generators 2013	0	0		772,045
IP-0560-190	SAC - Sewer Connection Fee	0	0	76,000	0
IP-0560-160	SAC - Walerga Road Bridge Pipeline Relocation	0	0	0	827,900
IP-0560-102	SAC - Meter Conversion 2012-13	0	0	7,918,000	4,639,000
DV-0560	PROJECTS FUNDED BY OTHERS	931,838	760,000	900,000	1,080,000

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Weighted Average Utility Plant In Service - Recorded
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.1

Line No	Description	Recorded Years					Est. Year	Reference
		2005	2006	2007	2008	2009	2010	
1.	Plant in Service Beg. of Year	126,816.3	135,698.2	144,069.3	181,581.7	194,757.1	222,173.3	Chapter 7 Table 3 Line 49
2.	Gross Additions During Year	8,719.1	9,197.4	37,811.9	13,465.1	27,834.0	26,487.1	Chapter 7 Table 4 Line 49
3.	Retirements	9.9	168.9	299.5	289.7	417.7	828.1	Chapter 7 Table 5 Line 49
4.	Sales and Adjustments	175.6	-654.2	0.0	0.0	0.0	0.0	Chapter 7 Table 6 Line 49
5.	Net Additions	8,884.7	8,374.3	37,512.4	13,175.4	27,416.2	25,659.0	Line 2 less Line 3 plus Line 4
6.	Construction Work in Progress Beg Bal	7,879.4	13,930.9	24,755.6	7,965.3	17,416.1	15,803.5	Prior year Line 7
7.	Construction Work in Progress End Bal	13,930.9	24,755.6	7,965.3	17,416.1	15,803.5	6,766.2	
8.	Net Change During Year - CWIP	6,051.5	10,824.7	-16,790.3	9,450.8	-1,612.6	-9,037.3	Line 7 minus Line 6
9.	Total Beg. Utility Plant and CWIP	134,695.7	149,629.1	168,824.9	189,547.0	212,173.2	237,976.8	Line 1 plus Line 6
10.	Net Additions - Total	14,936.2	19,199.0	20,722.1	22,626.2	25,803.6	16,621.7	Line 5 plus Line 8
11.	6 Year Average Weighting Factor	42.30%	42.30%	42.30%	42.30%	42.30%	42.30%	Rate Base Workpaper RB-104
12.	Weighted Average Utility Plant	141,013.7	157,750.3	177,590.3	199,117.9	223,088.1	245,007.8	Line 9 plus (Line 10 x Line 11)

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE rate base table of contents

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Weighted Average Utility Plant In Service - Authorized - Proposed
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2010	2011	2012	2013	
1.	Plant in Service Beg. of Year	235,073.3	247,832.3	267,079.1	293,910.9	Chapter 7 Table 3 Line 49
2.	Gross Additions During Year	18,805.8	19,964.2	27,432.5	27,542.5	Chapter 7 Table 4 Line 49
3.	Retirements	170.8	717.4	600.8	1,059.3	Chapter 7 Table 5 Line 49
4.	Sales and Adjustments	0.0	0.0	0.0	0.0	Chapter 7 Table 6 Line 49
5.	Net Additions	18,635.0	19,246.8	26,831.8	26,483.2	Line 2 less Line 3 plus Line 4
6.	Construction Work in Progress Beg. Bal.	389.7	6,766.2	6,135.7	6,152.6	Prior year Line 7
7.	Construction Work in Progress End Bal.	195.9	6,135.7	6,152.6	2,161.9	Rate Base Workpaper RB-100
8.	Net Change During Year - CWIP	-193.8	-630.4	16.8	-3,990.7	Line 7 minus Line 6
9.	Total Beg. Utility Plant and CWIP	235,463.0	254,598.5	273,214.9	300,063.5	Line 1 plus Line 6
10.	Net Additions - Total	18,441.2	18,616.4	26,848.6	22,492.5	Line 5 plus Line 8
11.	6 Year Average Weighting Factor	42.17%	42.30%	42.30%	42.30%	
12.	Weighted Average Utility Plant	243,239.7	262,473.2	284,571.8	309,577.8	Line 9 plus (Line 10 x Line 11)

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE rate base table of contents

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Total Utility Plant In Service At the Beginning of The Year
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.3

Line No.	P.U.C Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Utility Plant In Service - Beginning of Year											
1.	301	Organization	6.1	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0
2.	302	Franchise & Consents	27.7	27.7	229.6	229.6	229.6	229.6	229.6	229.6	229.6
3.	303	Other Intangible Plant	334.4	359.6	496.7	1,701.0	1,800.5	2,465.5	2,560.8	2,560.8	2,560.8
4.	306	Land & Land Rights	2,737.4	2,717.1	1,852.6	1,852.8	1,871.2	1,852.8	1,852.8	1,852.8	1,852.8
5.		TOTAL LAND & INTANGIBLES	3,105.6	3,110.5	2,584.9	3,789.5	3,907.4	4,553.9	4,649.2	4,649.2	4,649.2
6.	311	Structures and Improvements	380.1	572.6	578.3	628.1	621.4	1,285.5	1,285.5	1,285.5	1,285.5
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	5,363.0	6,133.4	6,727.2	10,150.9	10,150.9	11,106.8	11,915.9	12,511.2	13,174.3
10.	316	Supply Mains	0.0	0.0	0.0	0.0	1,311.2	5,276.2	5,297.9	5,297.9	9,851.6
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	5,743.1	6,706.1	7,305.5	10,779.0	12,083.5	17,668.4	18,499.3	19,094.6	24,311.4
13.	321	Structures & Improvements	3,926.0	3,932.9	3,941.3	3,952.8	3,953.4	4,700.9	4,700.9	4,700.9	4,700.9
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	813.9	1,055.5	1,055.5	1,805.5
15.	324	Electric Pumping Equipment	12,864.3	13,079.2	13,392.6	13,492.9	13,854.4	15,686.2	17,046.4	20,128.3	21,469.4
16.	325	Other Pumping Equipment	0.0	0.0	0.0	2,554.2	2,669.6	2,669.6	2,669.6	2,669.6	2,669.6
17.		TOTAL PUMPING PLANT	16,790.3	17,012.2	17,333.8	19,999.9	20,477.4	23,870.6	25,472.4	28,554.3	30,645.4
18.	331	Structures & Improvements	2,807.1	3,208.3	3,237.2	3,280.4	3,422.7	5,583.1	5,583.1	5,583.1	5,583.1
19.	332	Water Treatment Equipment	8,133.2	8,874.5	9,638.3	19,749.3	21,117.2	23,559.6	23,765.4	24,953.3	27,866.3
20.		TOTAL WATER TREATMENT	10,940.2	12,082.8	12,875.5	23,029.6	24,539.8	29,142.7	29,348.4	30,536.4	33,449.4
21.	341	Structures & Improvements	144.7	144.7	144.7	144.7	144.7	261.6	261.6	261.6	261.6
22.	342	Reservoirs & Tanks	5,390.9	5,409.5	5,409.5	6,725.1	8,128.5	10,658.2	15,758.7	16,348.4	16,368.3
23.	343.1	Mains - 4" & Less	38,726.6	38,787.9	38,849.2	38,849.2	38,819.1	38,916.7	38,916.7	38,916.7	38,916.7
24.	343.2	Mains - 6" to 10"	2,838.0	3,721.5	4,877.8	12,283.5	13,128.2	15,299.7	17,607.1	19,196.6	25,783.8
25.	343.3	Mains - 12" & More	6,517.8	8,846.7	10,582.9	10,582.9	11,476.2	15,250.0	15,250.0	17,800.9	18,335.9
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	15,962.7	16,898.3	18,391.7	20,399.3	21,247.1	23,335.1	24,079.8	24,736.0	25,384.2
28.	346	Meters	4,597.3	5,129.2	5,185.9	11,081.5	6,844.1	7,785.6	10,075.9	11,198.4	12,378.9
29.	347	Meter Installations	331.6	336.0	393.4	576.3	10,167.2	13,061.8	24,127.3	31,075.9	37,845.8
30.	348	Hydrants	6,681.7	6,974.0	7,383.8	7,766.1	7,909.9	8,429.0	8,543.5	8,622.1	8,723.2
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	81,191.4	86,247.8	91,218.8	108,408.6	117,865.2	132,997.8	154,620.6	168,156.6	183,998.4

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Total Utility Plant In Service At the Beginning of The Year
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.3

Line No	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	2,947.0	2,961.8	3,374.3	5,941.5	6,034.3	3,722.9	3,752.5	3,782.1	3,787.1
34.	371.2	Stores, Shops, & Garage Str	0.0	0.0	0.0	0.0	0.0	27.3	27.3	27.3	27.3
35.	372.1	Office Furniture (391.1)	420.4	445.7	836.3	850.6	849.2	940.4	940.4	940.4	940.4
36.	372.21	Computer & Peripherals (391.2, 21, 23)	595.8	633.4	633.4	633.4	680.5	651.9	672.7	693.5	693.5
37.	372.22	Other Office Equip (391.22, 3)	66.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
38.	372.23	Computer Software (391.26)	38.9	39.7	39.7	39.7	39.7	-86.7	-86.7	-86.7	-86.7
39.	373.11	Light Utility Trucks (392.11)	1,092.8	1,092.8	1,056.9	1,052.9	899.8	899.8	899.8	899.8	899.8
40.	373.12	Heavy Utility Trucks (392.12, 3)	223.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	571.1
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	51.1
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.3	125.3
44.	375	Laboratory Equipment	119.5	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1
45.	376	Communication Equipment	2,866.6	3,587.7	5,036.2	4,980.4	5,301.0	5,615.1	6,751.7	7,504.5	7,504.5
46.	377	Power Operated Equipment	197.5	573.7	570.0	567.0	553.9	539.9	539.9	539.9	539.9
47.	378	Tools, Ship, & Garage Equip.	391.0	424.3	424.3	455.6	456.8	472.1	584.2	626.6	692.0
48.	379&390	Other General & Tangible Plant	86.6	194.8	194.8	468.9	478.4	572.4	572.4	572.4	922.3
49.		TOTAL GENERAL PLANT	126,816.3	135,698.2	144,069.3	181,581.7	194,757.1	222,173.3	247,832.3	267,079.1	293,910.9

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Details of Utility Plant Additions By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Plant Additions During the Year											
1.	301	Organization	0.0	115.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	302	Franchise & Consents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	303	Other Intangible Plant	25.2	137.0	1,204.4	99.5	665.0	95.3	0.0	0.0	0.0
4.	306	Land & Land Rights	0.0	0.0	0.0	18.4	-18.4	0.0	0.0	0.0	0.0
5.		TOTAL LAND & INTANGIBLES	25.2	252.6	1,204.4	117.9	646.5	95.3	0.0	0.0	0.0
6.	311	Structures and Improvements	192.5	2.4	49.9	0.0	666.0	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	616.1	481.3	3,424.2	0.0	959.4	810.9	596.6	664.5	0.0
10.	316	Supply Mains	0.0	0.0	0.0	1,311.2	3,965.0	21.8	0.0	4,572.0	1,136.2
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	808.6	483.7	3,474.0	1,311.2	5,590.4	832.7	596.6	5,236.5	1,136.2
13.	321	Structures & Improvements	6.9	12.4	11.6	0.6	779.0	0.0	0.0	0.0	0.0
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	829.4	241.6	0.0	750.0	772.0
15.	324	Electric Pumping Equipment	173.4	357.9	100.3	383.2	1,974.6	1,470.7	3,332.1	1,450.0	9,133.4
16.	325	Other Pumping Equipment	0.0	0.0	2,559.3	115.4	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	180.4	370.3	2,671.2	499.2	3,582.9	1,712.3	3,332.1	2,200.0	9,905.5
18.	331	Structures & Improvements	401.2	29.5	46.6	144.2	2,162.7	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	741.4	764.5	10,165.8	1,390.5	2,492.6	207.5	1,197.9	2,937.4	1,721.0
20.		TOTAL WATER TREATMENT	1,142.6	794.0	10,212.4	1,534.8	4,655.4	207.5	1,197.9	2,937.4	1,721.0
21.	341	Structures & Improvements	0.0	0.0	0.0	0.0	116.9	0.0	0.0	0.0	0.0
22.	342	Reservoirs & Tanks	18.5	0.0	1,315.7	1,404.7	2,532.1	5,104.1	590.0	20.0	21.0
23.	343.1	Mains - 4" & Less	61.3	61.2	0.0	8.8	113.0	0.0	0.0	0.0	0.0
24.	343.2	Mains - 6" to 10"	893.2	1,238.7	7,405.7	805.9	2,174.7	2,325.0	1,601.7	6,637.6	5,767.0
25.	343.3	Mains - 12" & More	2,329.0	1,739.4	0.0	893.3	3,774.0	0.0	2,550.9	535.0	827.9
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	935.8	1,515.7	2,009.5	878.5	2,088.0	750.2	661.1	653.0	679.0
28.	346	Meters	531.8	56.7	5,895.6	-4,208.7	965.0	2,327.8	1,140.9	1,199.8	809.9
29.	347	Meter Installations	4.3	57.5	182.8	9,590.9	2,894.6	11,647.9	7,314.3	7,126.2	4,175.1
30.	348	Hydrants	295.1	415.4	382.4	145.2	527.2	115.4	79.3	102.0	106.0
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	5,069.1	5,084.7	17,191.7	9,518.7	15,185.4	22,270.5	13,938.2	16,273.6	12,385.9

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Details of Utility Plant Additions By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	14.8	412.5	2,567.2	92.8	-2,310.3	29.7	29.7	5.0	5.0
34.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	27.3	0.0	0.0	0.0	0.0
35.	372.1	Office Furniture (391.1)	25.3	390.5	190.2	0.0	93.4	0.0	0.0	0.0	0.0
36.	372.21	Computer & Peripherals (391.2, .21, .23)	37.6	0.0	0.0	53.6	48.2	51.7	51.7	0.0	0.0
37.	372.22	Other Office Equip (391.22, .3)	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	372.23	Computer Software (391.25, .26)	0.9	0.0	0.0	0.0	-126.5	0.0	0.0	0.0	250.0
39.	373.11	Light Utility Trucks (392.11)	0.0	-35.9	-3.9	0.0	0.0	0.0	0.0	0.0	0.0
40.	373.12	Heavy Utility Trucks (392.12, .3)	171.9	0.0	0.0	0.0	0.0	0.0	0.0	188.0	0.0
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	5.3	4.0	0.0	0.0	53.0	131.1
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	166.9
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	3.3	0.0	122.0	139.0
44.	375	Laboratory Equipment	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	721.0	1,448.5	2.0	320.5	336.0	1,169.4	774.7	0.0	1,632.0
46.	377	Power Operated Equipment	376.1	-3.7	-3.0	0.0	0.0	0.0	0.0	0.0	0.0
47.	378	Tools, Ship, & Garage Equip.	33.3	0.0	31.4	1.7	7.0	114.8	43.3	67.0	70.0
48.	379&390	Other General & Tangible Plant	108.2	0.0	274.2	9.5	94.0	0.0	0.0	350.0	0.0
49.		TOTAL GENERAL PLANT	8,719.1	9,197.4	37,811.9	13,465	27,834.0	26,487.1	19,964.2	27,432.5	27,542.5

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE Workpapers

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Details of Utility Plant Retirements By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Plant Retirements During the Year											
1.	301	Organization	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	302	Franchise & Consents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	303	Other Intangible Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	306	Land & Land Rights	0.0	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
5.		TOTAL LAND & INTANGIBLES	0.0	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
6.	311	Structures and Improvements	0.0	0.0	0.0	6.7	1.9	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	0.0	8.2	0.4	0.0	3.5	1.8	1.3	1.5	0.0
10.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.1	0.0	18.3	4.5
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	0.0	8.2	0.4	6.7	5.5	1.9	1.3	19.7	4.5
13.	321	Structures & Improvements	0.0	4.1	0.0	0.0	31.5	0.0	0.0	0.0	0.0
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	0.0	44.5	0.0	21.6	158.3	110.5	250.2	108.9	685.9
16.	325	Other Pumping Equipment	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	0.0	48.6	5.2	21.6	189.8	110.5	250.2	108.9	685.9
18.	331	Structures & Improvements	0.0	0.6	3.4	1.9	2.3	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	0.0	0.8	54.9	22.6	50.2	1.7	9.9	24.4	14.3
20.		TOTAL WATER TREATMENT	0.0	1.4	58.2	24.5	52.6	1.7	9.9	24.4	14.3
21.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	342	Reservoirs & Tanks	0.0	0.0	0.0	1.4	2.4	3.6	0.4	0.0	0.0
23.	343.1	Mains - 4" & Less	0.0	0.0	0.0	0.0	15.3	0.0	0.0	0.0	0.0
24.	343.2	Mains - 6" to 10"	9.7	82.4	0.0	0.0	3.2	17.7	12.2	50.4	43.8
25.	343.3	Mains - 12" & More	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	0.2	22.4	1.9	30.7	0.0	5.6	4.9	4.8	5.0
28.	346	Meters	0.0	0.0	0.0	28.7	23.5	37.5	18.4	19.3	13.0
29.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	582.4	365.7	356.3	208.8
30.	348	Hydrants	0.0	5.6	0.0	1.4	8.1	1.0	0.7	0.9	0.9
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	9.9	110.5	1.9	62.1	52.8	647.7	402.2	431.8	271.6

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Details of Utility Plant Retirements By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
34.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.	372.1	Office Furniture (391.1)	0.0	0.0	176.0	1.4	2.2	0.0	0.0	0.0	0.0
36.	372.21	Computer & Peripherals (391.2,.21,.23)	0.0	0.0	0.0	6.5	76.8	30.9	30.9	0.0	0.0
37.	372.22	Other Office Equip (391.22,.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	372.23	Computer Software (391.25,.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9
39.	373.11	Light Utility Trucks (392.11)	0.0	0.0	0.0	153.1	0.0	0.0	0.0	0.0	0.0
40.	373.12	Heavy Utility Trucks (392.12,.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4.7
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	0.0	0.0	57.7	0.0	21.9	32.9	21.8	0.0	45.9
46.	377	Power Operated Equipment	0.0	0.0	0.0	13.1	14.0	0.0	0.0	0.0	0.0
47.	378	Tools, Ship, & Garage Equip.	0.0	0.0	0.1	0.5	1.0	2.6	1.0	1.5	1.6
48.	379&390	Other General & Tangible Plant	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0
49.		TOTAL GENERAL PLANT	9.9	168.9	299.5	289.7	417.7	828.1	717.4	600.8	1,059.3

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE Workpapers

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Miscellaneous Plant Adjustments and Reclassifications
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.6

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Plant Retirements During the Year											
1.	301	Organization	0.0	-115.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	302	Franchise & Consents	0.0	201.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	303	Other Intangible Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	306	Land & Land Rights	-20.3	-864.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.		TOTAL LAND & INTANGIBLES	-20.3	-778.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	311	Structures and Improvements	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	154.4	120.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	154.4	123.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	(15.5)	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	41.5	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0
16.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	41.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.		TOTAL WATER TREATMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.	343.1	Mains - 4" & Less	0.0	0.0	0.0	(38.8)	0.0	0.0	0.0	0.0	0.0
24.	343.2	Mains - 6" to 10"	0.0	0.0	0.0	38.8	0.0	0.0	0.0	0.0	0.0
25.	343.3	Mains - 12" & More	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.	346	Meters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	348	Hydrants	-2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	0.0	0.0	0.0	0.0	(0.0)	0.0	0.0	0.0	0.0

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Miscellaneous Plant Adjustments and Reclassifications
 IN THOUSANDS 000s

FILED:	UPDATE
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CHAPTER:	7
TABLE:	7.6

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.	372.1	Office Furniture (391.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.	372.21	Computer & Peripherals (391.2, .21, .23)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.	372.22	Other Office Equip (391.22, .3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	372.23	Computer Software (391.25, .26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	373.11	Light Utility Trucks (392.11)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	373.12	Heavy Utility Trucks (392.12, .3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	(9.3)	0.0	0.0	0.0	0.0
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.	377	Power Operated Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.	378	Tools, Ship, & Garage Equip.	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0
48.	379&390	Other General & Tangible Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.		TOTAL GENERAL PLANT	175.6	(654.2)	0.0	0.0	(0.0)	0.0	0.0	0.0	0.0

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Total Utility Plant In Service At the End of The Year
 IN THOUSANDS 000s
 SUM OF PREVIOUS PAGES

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.7

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Utility Plant in Service - End of Year											
1.	301	Organization	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
2.	302	Franchise & Consents	27.7	229.6	229.6	229.6	229.6	229.6	229.6	229.6	229.6
3.	303	Other Intangible Plant	359.6	496.7	1,701.0	1,800.5	2,465.5	2,560.8	2,560.8	2,560.8	2,560.8
4.	306	Land & Land Rights	2,717.1	1,852.6	1,852.8	1,871.2	1,852.8	1,852.8	1,852.8	1,852.8	1,852.8
5.		TOTAL LAND & INTANGIBLES	3,110.5	2,584.9	3,789.5	3,907.4	4,553.9	4,649.2	4,649.2	4,649.2	4,649.2
6.	311	Structures and Improvements	572.6	578.3	628.1	621.4	1,285.5	1,285.5	1,285.5	1,285.5	1,285.5
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	6,133.4	6,727.2	10,150.9	10,150.9	11,106.8	11,915.9	12,511.2	13,174.3	13,174.3
10.	316	Supply Mains	0.0	0.0	0.0	1,311.2	5,276.2	5,297.9	5,297.9	9,851.6	10,983.2
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	6,706.1	7,305.5	10,779.0	12,083.5	17,668.4	18,499.3	19,094.6	24,311.4	25,443.0
13.	321	Structures & Improvements	3,932.9	3,941.3	3,952.8	3,953.4	4,700.9	4,700.9	4,700.9	4,700.9	4,700.9
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	813.9	1,055.5	1,055.5	1,805.5	2,577.6
15.	324	Electric Pumping Equipment	13,079.2	13,392.6	13,492.9	13,854.4	15,686.2	17,046.4	20,128.3	21,469.4	29,916.9
16.	325	Other Pumping Equipment	0.0	0.0	2,554.2	2,669.6	2,669.6	2,669.6	2,669.6	2,669.6	2,669.6
17.		TOTAL PUMPING PLANT	17,012.2	17,333.8	19,999.9	20,477.4	23,870.6	25,472.4	28,554.3	30,645.4	39,864.9
18.	331	Structures & Improvements	3,208.3	3,237.2	3,280.4	3,422.7	5,583.1	5,583.1	5,583.1	5,583.1	5,583.1
19.	332	Water Treatment Equipment	8,874.5	9,638.3	19,749.3	21,117.2	23,559.6	23,765.4	24,953.3	27,866.3	29,573.1
20.		TOTAL WATER TREATMENT	12,082.8	12,875.5	23,029.6	24,539.8	29,142.7	29,348.4	30,536.4	33,449.4	35,156.1
21.	341	Structures & Improvements	144.7	144.7	144.7	144.7	261.6	261.6	261.6	261.6	261.6
22.	342	Reservoirs & Tanks	5,409.5	5,409.5	6,725.1	8,128.5	10,658.2	15,758.7	16,348.4	16,368.3	16,389.3
23.	343.1	Mains - 4" & Less	38,787.9	38,849.2	38,849.2	38,819.1	38,916.7	38,916.7	38,916.7	38,916.7	38,916.7
24.	343.2	Mains - 6" to 10"	3,721.5	4,877.8	12,283.5	13,128.2	15,299.7	17,607.1	19,196.6	25,783.8	31,507.0
25.	343.3	Mains - 12" & More	8,846.7	10,582.9	10,582.9	11,476.2	15,250.0	15,250.0	17,800.9	18,335.9	19,163.8
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	16,898.3	18,391.7	20,399.3	21,247.1	23,335.1	24,079.8	24,736.0	25,384.2	26,058.1
28.	346	Meters	5,129.2	5,185.9	11,081.5	6,844.1	7,785.6	10,075.9	11,198.4	12,378.9	13,175.7
29.	347	Meter Installations	336.0	393.4	576.3	10,167.2	13,061.8	24,127.3	31,075.9	37,845.8	41,812.2
30.	348	Hydrants	6,974.0	7,383.8	7,766.1	7,909.9	8,429.0	8,543.5	8,622.1	8,723.2	8,828.3
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	86,247.8	91,218.8	108,408.6	117,865.2	132,997.8	154,620.6	168,156.6	183,998.4	196,112.7

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Total Utility Plant In Service At the End of The Year
 IN THOUSANDS 000s
 SUM OF PREVIOUS PAGES

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.7

Line No	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33	371.1	Office Structures	2,961.8	3,374.3	5,941.5	6,034.3	3,722.9	3,752.5	3,782.1	3,787.1	3,792.1
34.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	27.3	27.3	27.3	27.3	27.3
35	372.1	Office Furniture (391.1)	445.7	836.3	850.6	849.2	940.4	940.4	940.4	940.4	940.4
36	372.21	Computer & Peripherals (391.2,.21,.23)	633.4	633.4	633.4	680.5	651.9	672.7	693.5	693.5	693.5
37.	372.22	Other Office Equip (391.22,.3)	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
38	372.23	Computer Software (391.26)	39.7	39.7	39.7	39.7	-86.7	-86.7	-86.7	-86.7	132.4
39	373.11	Light Utility Trucks (392.11)	1,092.8	1,056.9	1,052.9	899.8	899.8	899.8	899.8	899.8	899.8
40.	373.12	Heavy Utility Trucks (392.12,.3)	395.6	395.6	395.6	395.6	395.6	395.6	395.6	571.1	571.1
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	5.3	0.0	0.0	0.0	51.1	177.6
42	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	166.9
43	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	3.3	3.3	125.3	264.3
44.	375	Laboratory Equipment	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1
45	376	Communication Equipment	3,587.7	5,036.2	4,980.4	5,301.0	5,615.1	6,751.7	7,504.5	7,504.5	9,090.7
46.	377	Power Operated Equipment	573.7	570.0	567.0	553.9	539.9	539.9	539.9	539.9	539.9
47.	378	Tools, Ship, & Garage Equip.	424.3	424.3	455.6	456.8	472.1	584.2	626.6	692.0	760.4
48.	379&390	Other General & Tangible Plant	194.8	194.8	468.9	478.4	572.4	572.4	572.4	922.3	922.3
49.		TOTAL GENERAL PLANT	135,698.2	144,069.3	181,581.7	194,757.1	222,173.3	247,832.3	267,079.1	293,910.9	320,394.1

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Wgtd Avg UPIS & Percent of Increase for Auth-Rec-Prop and Per Customer
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE	7.8

Line No.	Description	RECORDED YEARS					ESTIMATED		TEST YEAR	Reference
		2005	2006	2007	2008	2009	2010	2011	2012	
1.	Weighted Average Utility Plant	141,013.7	157,750.3	177,590.3	199,117.9	223,088.1	245,007.8	262,473.2	284,571.8	12
2.	Average Customers	56,509	57,261	57,367	56,815	56,648	57,119	57,244	57,373	Rev & Prod Summary
3.	Weighted Average Utility Plant Per Avg. Customer	2.50	2.75	3.10	3.50	3.94	4.29	4.59	4.96	Ln 1 / Ln 2
4.	Change in Weighted Average Utility Plant	N/A	16,736.6	19,840.0	21,527.6	23,970.2	21,919.7	17,465.4	22,098.6	Difference in Ln Columns
5.	Percent of Increase in Weighted Average Utility Plant	N/A	11.87%	12.58%	12.12%	12.04%	9.83%	7.13%	8.42%	Ln 4 / Prior Yr Wgth Avg PIS
6.	Percent of Incr. in Wgthd Avg Utility Plant Per Customer	N/A	0.0002%	0.0002%	0.0002%	0.0002%	0.0002%	0.0001%	0.0001%	Ln 5 / Ln 2

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Wgtd Avg UPIS & Percent of Increase for Auth-Rec-Prop and Per Customer
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE	7.8

Line No	Description	RECORDED YEARS					ESTIMATED		TEST YEAR	Reference
		2005	2006	2007	2008	2009	2010	2011	2012	
							LAST AUTH'D 2010		LAST AUTH'D VS TEST YEAR	
7	Plant						243,239.7		243,239.7	A. 09-01-013
8.	Last Authorized Average Customers						57,812		57,812	A. 09-01-013
9.	Last Auth. Weighted Average Utility Plant Per Avg. Customer						4.21		4.21	Ln 7 / Ln 8
10.	Change in Weighted Average Utility Plant						N/A		41,332.1	Ln 1 - Ln 7
11.	Percent of Increase in Weighted Average Utility Plant						N/A		16.99%	Ln 10 / Ln 7
12.	Percent of Incr. in Wgtd Avg Utility Plant Per Customer						N/A		0.0003%	Ln 11 / Ln 8

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This Chapter contains detailed information regarding the accumulated reserve for Depreciation and annual Depreciation expense for the Sacramento District of California American Water.

The depreciation rates beginning in 2012 Test Year are being proposed based upon a depreciation study completed by an outside consultant in accordance with Standard Practice U-04-W. Salvage and Cost of Removal on Table 8.6 are calculated for the years 2010 through 2013 by using the salvage percentage provided in the depreciation study times the annual retirement amount in those years.

California American Water proposes to include the depreciation reserve calculated in this Chapter in the determination of the net rate base for its Sacramento District. Detailed information regarding projections of those balances for the 2011 Base Year, the 2012 Test Year and the 2013 Escalation Year are included on separate Tables of this Chapter as follows:

Table 8.1 – This table contains a calculation of the Weighted Depreciation Reserve as recorded for the years 2005 through 2009 as well as proposed for the year 2010.

Table 8.2 – This table contains a calculation of the Weighted Depreciation Reserve as authorized for 2010 in the prior Sacramento District GRC and as proposed for the years 2011 through 2013.

Table 8.3 – This table contains a list, by account of Depreciation Reserve balances as of the beginning of each of the years 2005 through 2013.

Table 8.4 – This table contains a list, by account of Annual Depreciation Accruals added to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.5 – This table contains a list, by account of Annual Retirement amounts debited to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.6 – This table contains a list, by account of Salvage and Cost of Removal amounts charged to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.7 – This table contains a list, by account of Miscellaneous Adjustment and Reclassification amounts charged to the Depreciation Reserve for each of the years 2005 through 2013.

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT
2010 GENERAL RATE CASE
DEPRECIATION RESERVE AND EXPENSE**

**EXHIBIT: A
CHAPTER: 8**

Table 8.8 – This table contains a list, by account of Depreciation Reserve balances as of the end of each of the years 2005 through 2013.

Table 8.9 – This table contains detailed information regarding depreciation rates (existing and proposed rates), by account for the Sacramento District.

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Weighted Average Depreciation Reserve - Recorded
 IN THOUSANDS 000s

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EXHIBIT:	A
CHAPTER:	8
TABLE:	8.1

Line No.	Description	Recorded Years					Est. Year	Reference
		2005	2006	2007	2008	2009	2010	
1.	Depreciation Reserve Beg. of Year	47,425.1	51,776.8	56,392.6	61,747.5	68,356.4	75,255.2	Chapter 8 Table 3 Line 45
2.	Annual Accrual	4,267.6	4,681.5	5,416.8	6,621.8	7,255.9	8,731.1	Chapter 8 Table 4 Line 50
3.	Contribution Depreciation	103.8	169.7	244.5	303.5	402.9	448.5	Chapter 8 Table 4 Line 48
4.	Retirements/Debits to Depreciation	-9.9	-168.9	-299.5	-289.7	-417.7	-828.1	Chapter 8 Table 5 Line 45
5.	(Salvage) and Cost of Removal	-9.8	-66.5	-6.9	-19.8	-342.3	-26.7	Chapter 8 Table 6 Line 45
6.	Depreciation Reserve Adjustment for Plant Adjustment	0.0	0.0	0.0	-6.9	0.0	0.0	Chapter 8 Table 7 Line 45
7.	Charged to 900 Accounts/Adjustments	0.0	0.0	0.0	0.0	0.0	0.0	Chapter 8 Table 4 Line 47
8.	Net Accrual	4,351.7	4,615.8	5,354.9	6,608.9	6,898.8	8,324.8	Line 2 + 3 + 4 + 5 + 6 + 7
9.	6 Year Average Weighting Factor	45.74%	45.74%	45.74%	45.74%	45.74%	45.74%	Rate Base Wrkppr RB-105
10.	Weighted Average Depreciation	1,990.5	2,111.3	2,449.3	3,022.9	3,155.5	3,807.7	Line 8 times Line 9
11.	WEIGHTED DEPRECIATION RESERVE	49,415.6	53,888.1	58,841.9	64,770.4	71,511.9	79,062.9	Line 1 plus Line 10

All workpapers references refer to pages that can be found in the rate base section of the workpapers - see rate base table of contents.

CALIFORNIA AMERICAN WATER
SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Depreciation
Reserve - Authorized - Proposed
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2010	2011	2012	2013	
1.	Depreciation Reserve Beg. of Year	75,872.9	83,580.0	92,774.5	100,567.6	Chapter 8 Table 3 Line 45
2.	Annual Accrual	8,496.7	9,495.4	7,959.2	8,870.9	Chapter 8 Table 4 Line 50
3.	Contribution Depreciation	278.3	462.7	476.6	493.1	Chapter 8 Table 4 Line 48
4.	Retirements/Debits to Depreciation	(170.8)	-717.4	-600.8	-1,059.3	Chapter 8 Table 5 Line 45
5.	(Salvage) and Cost of Removal	0.0	-46.1	-41.9	-122.3	Chapter 8 Table 6 Line 45
6.	Depreciation Reserve Adjustment for Plant Adjustment	0.0	0.0	0.0	0.0	Chapter 8 Table 7 Line 45
7.	Charged to 900 Accounts/Adjustments	0.0	0.0	0.0	0.0	Chapter 8 Table 4 Line 47
8.	Net Accrual	8,604.2	9,194.5	7,793.1	8,182.4	Line 2 + 3 + 4 + 5 + 6 + 7
9.	6 Year Average Weighting Factor	50.61%	45.74%	45.74%	45.74%	Rate Base Wrkppr RB-105
10.	Weighted Average Depreciation	4,354.6	4,205.6	3,564.6	3,742.6	Line 8 times Line 9
11.	WEIGHTED DEPRECIATION RESERVE	80,227.5	87,785.6	96,339.1	104,310.2	Line 1 plus Line 10

All workpapers references refer to pages that can be found in the rate base section of the workpapers - see rate base table of contents.

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Depreciation Reserve At the Beginning of The Year
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.3

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	27.1	36.9	50.6	64.6	72.8	88.5	119.1	149.7	182.4
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	3,111.9	3,284.7	3,478.6	3,709.5	4,055.9	4,329.7	4,694.3	5,081.9	5,494.5
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	68.6	158.4	248.4	367.0
6.	317	Other Source of Supply Plant	2.2	2.2	2.2	2.2	2.2	4.6	4.6	4.6	4.6
7.		TOTAL SOURCE OF SUPPLY PLANT	3,141.1	3,323.8	3,531.3	3,776.3	4,130.9	4,491.4	4,976.3	5,484.6	6,048.5
8.	321	Structures & Improvements	1,310.3	1,440.2	1,566.3	1,696.8	1,827.6	1,927.0	2,082.6	2,238.2	2,307.8
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	40.2	85.6	145.4
10.	324	Electric Pumping Equipment	5,510.6	6,054.7	6,569.2	7,158.3	7,852.3	8,360.0	8,961.2	9,500.6	10,199.1
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	3.9	122.7	241.5	351.5
12.		TOTAL PUMPING PLANT	6,820.9	7,494.9	8,135.5	8,855.0	9,679.9	10,290.9	11,206.7	12,065.9	13,003.7
13.	331	Structures & Improvements	1,441.5	1,520.3	1,608.9	1,695.0	1,784.4	1,882.9	2,036.4	2,189.9	2,264.2
14.	332	Water Treatment Equipment	4,282.9	4,642.2	5,108.4	5,606.3	6,791.3	7,772.0	8,988.6	10,231.7	11,598.1
15.		TOTAL WATER TREATMENT	5,724.4	6,162.6	6,717.2	7,301.3	8,575.7	9,654.9	11,025.0	12,421.6	13,862.3
16.	341	Structures & Improvements	19.8	23.6	27.3	31.1	34.8	38.6	45.4	52.2	58.2
17.	342	Reservoirs & Tanks	2,477.0	2,576.2	2,675.7	2,781.2	2,901.8	3,045.7	3,284.7	3,579.5	3,852.7
18.	343.1	Mains - 4" & Less	13,947.7	14,680.1	15,404.5	16,152.9	16,796.2	17,563.2	18,318.2	19,073.2	19,738.7
19.	343.2	Mains - 6" to 10"	63.2	126.3	147.6	251.6	507.8	751.3	1,047.6	1,388.7	1,712.2
20.	343.3	Mains - 12" & More	99.4	236.3	413.8	633.6	1,013.2	1,294.2	1,591.6	1,913.9	2,226.4
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	6,733.0	7,753.7	8,801.5	10,328.1	11,281.2	12,475.3	13,946.2	15,462.0	16,111.4
23.	346	Meters	1,093.6	1,275.5	1,471.6	1,696.6	2,105.5	2,392.3	2,695.1	3,082.0	3,705.1
24.	347	Meter Installations	8.3	20.9	34.3	50.7	215.4	702.8	828.8	1,514.8	2,915.9
25.	348	Hydrants	2,723.6	2,861.5	3,001.9	3,156.7	3,316.0	3,441.4	3,614.9	3,790.8	3,985.7
26.	349	Other T & D Plant	0.0	0.0	-0.2	0.0	0.0	-245.1	-245.1	-245.1	-245.1
27.		TOTAL OTHER TRANS & DIST PLANT	27,165.6	29,554.0	31,978.1	35,082.6	38,171.8	41,459.7	45,127.4	49,611.9	54,061.2

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Depreciation Reserve At the Beginning of The Year
 IN THOUSANDS 000s

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CHAPTER:	8
TABLE:	8.3

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	787.4	881.2	978.6	1,105.6	1,296.6	1,487.5	1,606.3	1,726.0	1,813.1
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.2
30.	372.1	Office Furniture (391.1)	328.3	358.4	394.9	401.8	450.7	498.9	565.4	631.8	652.2
31.	372.21	Computer and Peripherals (391.2,,21,,23)	408.4	602.8	812.2	885.2	1,064.1	1,181.5	1,150.6	1,119.7	1,119.7
32.	372.22	Other Office Equipment (391.22,,3)	6.9	12.5	18.3	24.1	28.1	32.9	37.7	42.4	44.8
33.	372.23	Computer Software (391.26)	7.7	20.7	39.0	88.4	176.9	255.1	255.1	255.1	255.1
34.	373.11	Light Utility Trucks (392.11)	852.2	951.8	1,051.4	1,151.1	1,060.2	1,060.2	1,060.2	1,060.2	1,060.2
35.	373.12	Heavy Utility Trucks (392.12)	158.5	187.4	231.4	274.6	292.7	328.7	330.5	332.3	362.9
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	2.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	3.5
39.	375	Laboratory Equipment	95.4	98.7	102.1	105.4	108.7	112.1	115.4	118.8	120.3
40.	376	Communication Equipment	1,429.1	1,608.1	1,855.1	2,102.6	2,451.0	2,792.0	3,167.9	3,617.3	3,843.2
41.	377	Power Operated Equipment	200.4	200.4	200.4	200.4	187.3	203.5	232.8	262.2	280.0
42.	378	Tools, Shop, & Garage Equip.	248.6	262.8	277.9	293.4	309.1	324.8	341.1	361.7	372.2
43.	379	Other General Plant	50.1	56.7	69.1	99.8	127.4	401.9	401.9	401.9	401.8
44.	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	0.0	245.1	678.8	1,978.4	3,258.8	3,258.8
45.		TOTAL GENERAL PLANT	47,425.1	51,776.8	56,392.6	61,747.5	68,356.4	75,255.2	83,580.0	92,774.5	100,567.6

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary Calculation of Annual Depreciation Accruals By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	9.8	13.7	14.0	14.9	17.6	30.6	30.6	32.7	32.7
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	172.8	258.5	234.0	346.4	317.3	367.2	389.6	414.8	425.5
5.	316	Supply Mains	0.0	0.0	0.0	0.0	68.6	89.9	90.1	142.4	195.8
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	182.6	272.2	248.0	361.3	406.0	487.7	510.3	589.9	654.0
8.	321	Structures & Improvements	129.9	130.1	130.5	130.8	130.9	155.6	155.6	69.6	69.6
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	40.2	45.4	59.8	91.6
10.	324	Electric Pumping Equipment	546.6	561.6	594.2	732.1	735.1	728.3	827.1	823.6	1,017.4
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	3.9	118.8	118.8	110.0	110.0
12.		TOTAL PUMPING PLANT	676.5	691.8	724.7	863.0	869.9	1,042.9	1,146.9	1,063.0	1,288.6
13.	331	Structures & Improvements	78.8	89.1	89.5	91.3	100.8	153.5	153.5	74.3	74.3
14.	332	Water Treatment Equipment	359.3	466.9	552.8	1,217.9	1,072.8	1,218.6	1,254.5	1,394.4	1,516.4
15.		TOTAL WATER TREATMENT	438.1	556.1	642.3	1,309.1	1,173.6	1,372.2	1,408.0	1,468.7	1,590.7
16.	341	Structures & Improvements	3.8	3.8	3.8	3.8	3.8	6.8	6.8	6.0	6.0
17.	342	Reservoirs & Tanks	99.2	99.5	105.5	122.0	152.4	243.0	295.4	273.2	273.5
18.	343.1	Mains - 4" & Less	746.8	752.4	748.4	748.5	784.6	755.0	755.0	665.5	665.5
19.	343.2	Mains - 6" to 10"	63.2	80.5	104.0	153.3	246.8	319.2	357.0	389.1	495.6
20.	343.3	Mains - 12" & More	136.9	177.7	219.8	379.6	282.1	297.4	322.2	312.6	324.4
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	1,020.8	1,070.2	1,528.6	987.5	1,369.8	1,479.3	1,523.1	656.6	673.9
23.	346	Meters	181.8	196.2	224.9	437.6	283.6	340.3	405.3	642.5	696.4
24.	347	Meter Installations	12.7	13.4	16.4	164.7	487.4	708.5	1,051.6	1,757.5	2,031.3
25.	348	Hydrants	140.4	148.6	154.8	161.3	166.6	174.8	176.8	196.0	198.3
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	2,405.6	2,542.2	3,106.2	3,158.3	3,777.1	4,324.3	4,893.2	4,898.9	5,364.8

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary Calculation of Annual Depreciation Accruals By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	93.8	97.4	127.0	191.0	192.1	118.9	119.8	87.0	87.2
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7
30.	372.1	Office Furniture (391.1)	30.1	36.5	52.3	50.3	50.4	66.5	66.5	20.4	20.4
31.	372.21	Computer and Peripherals (391.2.,21.,23)	194.4	209.4	207.8	185.5	194.2	0.0	0.0	0.0	0.0
32.	372.22	Other Office Equipment (391.22.,3)	5.7	5.8	5.8	4.0	4.8	4.8	4.8	2.4	2.4
33.	372.23	Computer Software (391.26)	13.0	18.3	49.4	88.5	78.2	0.0	0.0	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	99.6	99.6	99.7	55.4	0.0	0.0	0.0	0.0	0.0
35.	373.12	Heavy Utility Trucks (392.12)	28.9	44.0	43.3	18.0	36.0	1.8	1.8	41.1	48.5
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.4	0.0	0.0	3.3	14.7
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.1	0.2	3.2	9.7
39.	375	Laboratory Equipment	3.3	3.3	3.3	3.3	3.3	3.3	3.3	1.6	1.6
40.	376	Communication Equipment	179.0	247.1	305.1	348.5	362.9	408.7	471.2	225.9	249.8
41.	377	Power Operated Equipment	0.0	0.0	0.0	0.0	30.1	29.4	29.4	17.8	17.8
42.	378	Tools, Ship, & Garage Equip.	14.2	15.1	15.7	16.3	16.7	18.9	21.6	12.0	13.2
43.	379	Other General Plant	6.6	12.5	30.8	27.7	29.4	0.0	0.0	0.0	0.0
44.	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	245.1	433.7	1,299.6	1,280.4	0.0	0.0
45.		TOTAL GENERAL PLANT	4,371.4	4,851.1	5,661.2	6,925.3	7,658.8	9,179.6	9,958.1	8,435.8	9,364.0 #
46.		DEDUCTIONS									
47.		Charged to 900 Accounts									
48.		Chgd. to 265 Contrib. Acct.	103.8	169.7	244.5	303.5	402.9	448.5	462.7	476.6	493.1
49.		TOTAL DEDUCTIONS	103.8	169.7	244.5	303.5	402.9	448.5	462.7	476.6	493.1
50.		TOTAL DEPRECIATION CHGD. TO ACCT. 503	4,267.6	4,681.5	5,416.8	6,621.8	7,255.9	8,731.1	9,495.4	7,959.2	8,870.9

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE Workpapers

CALIFORNIA AMERICAN WATER
SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Retirements-Debits to Depreciation Reserve By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	6.7	1.9	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	8.2	0.4	0.0	3.5	1.8	1.3	1.5	0.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.1	0.0	18.3	4.5
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	8.2	0.4	6.7	5.5	1.9	1.3	19.7	4.5
8.	321	Structures & Improvements	0.0	4.1	0.0	0.0	31.5	0.0	0.0	0.0	0.0
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	0.0	44.5	5.2	21.6	158.3	110.5	250.2	108.9	685.9
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	0.0	48.6	5.2	21.6	189.8	110.5	250.2	108.9	685.9
13.	331	Structures & Improvements	0.0	0.6	3.4	1.9	2.3	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.0	0.8	54.9	22.6	50.2	1.7	9.9	24.4	14.3
15.		TOTAL WATER TREATMENT	0.0	1.4	58.2	24.5	52.6	1.7	9.9	24.4	14.3
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	342	Reservoirs & Tanks	0.0	0.0	0.0	1.4	2.4	3.6	0.4	0.0	0.0
18.	343.1	Mains - 4" & Less	9.7	23.2	0.0	0.0	15.3	0.0	0.0	0.0	0.0
19.	343.2	Mains - 6" to 10"	0.0	59.2	0.0	0.0	3.2	17.7	12.2	50.4	43.8
20.	343.3	Mains - 12" & More	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	0.2	22.4	1.9	30.7	0.0	5.6	4.9	4.8	5.0
23.	346	Meters	0.0	0.0	0.0	28.7	23.5	37.5	18.4	19.3	13.0
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	582.4	365.7	356.3	208.8
25.	348	Hydrants	0.0	5.6	0.0	1.4	8.1	1.0	0.7	0.9	0.9
26.	349	Other T & D Plant	0.0	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	9.9	110.7	1.7	62.1	52.8	647.7	402.2	431.8	271.6

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary of Retirements-Debits to Depreciation Reserve By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.5

Line No	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	372.1	Office Furniture (391.1)	0.0	0.0	45.4	1.4	2.2	0.0	0.0	0.0	0.0
31.	372.21	Computer and Peripherals (391.2,.21,.23)	0.0	0.0	130.6	6.5	76.8	30.9	30.9	0.0	0.0
32.	372.22	Other Office Equipment (391.22,.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.	372.23	Computer Software (391.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9
34.	373.11	Light Utility Trucks (392.11)	0.0	0.0	0.0	153.1	0.0	0.0	0.0	0.0	0.0
35.	373.12	Heavy Utility Trucks (392.12)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4.7
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	0.0	0.0	57.7	0.0	21.9	32.9	21.8	0.0	45.9
41.	377	Power Operated Equipment	0.0	0.0	0.0	13.1	14.0	0.0	0.0	0.0	0.0
42.	378	Tools, Shop, & Garage Equip.	0.0	0.0	0.1	0.5	1.0	2.6	1.0	1.5	1.6
43.	379	Other General Plant	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0
44.	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.		TOTAL GENERAL PLANT	9.9	168.9	299.5	289.7	417.7	828.1	717.4	600.8	1,059.3

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary of Salvage and Cost of Removal By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.6

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	-56.4	-2.6	0.0	-40.0	-0.9	-0.7	-0.7	0.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.5	-1.4
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	-56.4	-2.6	0.0	-40.0	-0.9	-0.7	-6.2	-1.4
8.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	-2.5	-2.5	0.0	-16.4	-69.2	-16.6	-37.5	-16.3	-102.9
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	-2.5	-2.5	0.0	-16.4	-69.2	-16.6	-37.5	-16.3	-102.9
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.0	0.0	0.0	-10.2	-41.8	-0.3	-1.5	-3.7	-2.1
15.		TOTAL WATER TREATMENT	0.0	0.0	0.0	-10.2	-41.8	-0.3	-1.5	-3.7	-2.1
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	-6.1	-0.5	-0.1	0.0	0.0
18.	343.1	Mains - 4" & Less	-4.7	-4.7	0.0	0.0	-2.2	0.0	0.0	0.0	0.0
19.	343.2	Mains - 6" to 10"	0.0	0.0	0.0	0.0	-0.1	-5.3	-3.7	-15.1	-13.1
20.	343.3	Mains - 12" & More	0.0	-0.2	0.0	0.0	-0.7	0.0	0.0	0.0	0.0
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	0.0	0.0	0.0	0.0	-175.7	-2.8	-2.4	-2.4	-2.5
23.	346	Meters	0.0	0.0	0.0	0.0	26.7	0.0	0.0	0.0	0.0
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	-2.5	-2.5	0.0	0.0	-33.2	-0.3	-0.2	-0.3	-0.3
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	-7.3	-7.5	0.0	0.0	-191.3	-8.9	-6.4	-17.8	-15.9

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary of Salvage and Cost of Removal By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.6

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	372.1	Office Furniture (391.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.	372.21	Computer and Peripherals (391.2,,21,,23)	0.0	0.0	-4.2	0.0	0.0	0.0	0.0	0.0	0.0
32.	372.22	Other Office Equipment (391.22,,3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.	372.23	Computer Software (391.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0
35.	373.12	Heavy Utility Trucks (392.12)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.	377	Power Operated Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	378	Tools, Shop, & Garage Equip.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	379	Other General Plant	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
44.	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.		TOTAL GENERAL PLANT	-9.8	-66.5	-6.9	-19.8	-342.3	-26.7	-46.1	-41.9	-122.3

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Miscellaneous Depreciation Reserve Adjustments and Reclassifications
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.7

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.		TOTAL WATER TREATMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.	343.1	Mains - 4" & Less	0.0	0.0	0.0	-105.3	0.0	0.0	0.0	0.0	0.0
19.	343.2	Mains - 6" to 10"	0.0	0.0	0.0	102.8	0.0	0.0	0.0	0.0	0.0
20.	343.3	Mains - 12" & More	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	0.0	0.0	0.0	-3.8	0.0	0.0	0.0	0.0	0.0
23.	346	Meters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	0.0	0.0	0.0	-0.7	0.0	0.0	0.0	0.0	0.0
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	-245.1	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	0.0	0.0	0.0	-6.9	-245.1	0.0	0.0	0.0	0.0

**CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Miscellaneous Depreciation Reserve Adjustments and Reclassifications
 IN THOUSANDS 000s**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.7

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	372.1	Office Furniture (391.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.	372.21	Computer and Peripherals (391 2,.21,.23)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.	372.22	Other Office Equipment (391.22,.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.	372.23	Computer Software (391.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.	373.12	Heavy Utility Trucks (392.12)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.	377	Power Operated Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	378	Tools, Shop, & Garage Equip.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	379	Other General Plant	0.0	0.0	0.0	0.0	245.1	0.0	0.0	0.0	0.0
44.	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.		TOTAL GENERAL PLANT	0.0	0.0	0.0	-6.9	0.0	0.0	0.0	0.0	0.0

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Line No.	P.U C Account No	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	36.9	50.6	64.6	72.8	88.5	119.1	149.7	182.4	215.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	3,284.7	3,478.6	3,709.5	4,055.9	4,329.7	4,694.3	5,081.9	5,494.5	5,920.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	68.6	158.4	248.4	367.0	556.9
6.	317	Other Source of Supply Plant	2.2	2.2	2.2	2.2	4.6	4.6	4.6	4.6	4.6
7.		TOTAL SOURCE OF SUPPLY PLANT	3,323.8	3,531.3	3,776.3	4,130.9	4,491.4	4,976.3	5,484.6	6,048.5	6,696.6
8.	321	Structures & Improvements	1,440.2	1,566.3	1,696.8	1,827.6	1,927.0	2,082.6	2,238.2	2,307.8	2,377.3
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	40.2	85.6	145.4	237.0
10.	324	Electric Pumping Equipment	6,054.7	6,569.2	7,158.3	7,852.3	8,360.0	8,961.2	9,500.6	10,199.1	10,427.7
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	3.9	122.7	241.5	351.5	461.5
12.		TOTAL PUMPING PLANT	7,494.9	8,135.5	8,855.0	9,679.9	10,290.9	11,206.7	12,065.9	13,003.7	13,503.5
13.	331	Structures & Improvements	1,520.3	1,608.9	1,695.0	1,784.4	1,882.9	2,036.4	2,189.9	2,264.2	2,338.5
14.	332	Water Treatment Equipment	4,642.2	5,108.4	5,606.3	6,791.3	7,772.0	8,988.6	10,231.7	11,598.1	13,098.1
15.		TOTAL WATER TREATMENT	6,162.6	6,717.2	7,301.3	8,575.7	9,654.9	11,025.0	12,421.6	13,862.3	15,436.5
16.	341	Structures & Improvements	23.6	27.3	31.1	34.8	38.6	45.4	52.2	58.2	64.2
17.	342	Reservoirs & Tanks	2,576.2	2,675.7	2,781.2	2,901.8	3,045.7	3,284.7	3,579.5	3,852.7	4,126.2
18.	343.1	Mains - 4" & Less	14,680.1	15,404.5	16,152.9	16,796.2	17,563.2	18,318.2	19,073.2	19,738.7	20,404.1
19.	343.2	Mains - 6" to 10"	126.3	147.6	251.6	507.8	751.3	1,047.6	1,388.7	1,712.2	2,150.9
20.	343.3	Mains - 12" & More	236.3	413.8	633.6	1,013.2	1,294.2	1,591.6	1,913.9	2,226.4	2,550.8
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	7,753.7	8,801.5	10,328.1	11,281.2	12,475.3	13,946.2	15,462.0	16,111.4	16,777.7
23.	346	Meters	1,275.5	1,471.6	1,696.6	2,105.5	2,392.3	2,695.1	3,082.0	3,705.1	4,388.4
24.	347	Meter Installations	20.9	34.3	50.7	215.4	702.8	828.8	1,514.8	2,915.9	4,738.5
25.	348	Hydrants	2,861.5	3,001.9	3,156.7	3,316.0	3,441.4	3,614.9	3,790.8	3,985.7	4,182.8
26.	349	Other T & D Plant	0.0	-0.2	0.0	0.0	-245.1	-245.1	-245.1	-245.1	-245.1
27.		TOTAL OTHER TRANS & DIST PLANT	29,554.0	31,978.1	35,082.6	38,171.8	41,459.7	45,127.4	49,611.9	54,061.2	59,138.5

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Line No.	P.U.C. Account No	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28	371.1	Office Structures	881.2	978.6	1,105.6	1,296.6	1,487.5	1,606.3	1,726.0	1,813.1	1,900.2
29	371.2	Stores, Shops, & Garage Str	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.2	2.9
30	372.1	Office Furniture (391.1)	358.4	394.9	401.8	450.7	498.9	565.4	631.8	652.2	672.7
31	372.21	Computer and Peripherals (391.2,.21,.23)	602.8	812.2	885.2	1,064.1	1,181.5	1,150.6	1,119.7	1,119.7	1,119.7
32	372.22	Other Office Equipment (391.22,.3)	12.5	18.3	24.1	28.1	32.9	37.7	42.4	44.8	47.1
33	372.23	Computer Software (391.26)	20.7	39.0	88.4	176.9	255.1	255.1	255.1	255.1	224.2
34	373.11	Light Utility Trucks (392.11)	951.8	1,051.4	1,151.1	1,060.2	1,060.2	1,060.2	1,060.2	1,060.2	1,060.2
35	373.12	Heavy Utility Trucks (392.12)	187.4	231.4	274.6	292.7	328.7	330.5	332.3	362.9	411.5
36	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.4	0.4	0.4	2.0	12.0
37	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.1	0.2	3.5	13.2
39	375	Laboratory Equipment	98.7	102.1	105.4	108.7	112.1	115.4	118.8	120.3	121.9
40	376	Communication Equipment	1,608.1	1,855.1	2,102.6	2,451.0	2,792.0	3,167.9	3,617.3	3,843.2	4,047.1
41	377	Power Operated Equipment	200.4	200.4	200.4	187.3	203.5	232.8	262.2	280.0	297.7
42	378	Tools, Shop, & Garage Equip.	262.8	277.9	293.4	309.1	324.8	341.1	361.7	372.2	383.8
43	379	Other General Plant	56.7	69.1	99.8	127.4	401.9	401.9	401.9	401.8	401.8
44	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	245.1	678.8	1,978.4	3,258.8	3,258.8	3,258.8
45		TOTAL GENERAL PLANT	51,776.8	56,392.6	61,747.5	68,356.4	75,255.2	83,580.0	92,774.5	100,567.6	108,750.0

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Account	PUC Acct.	Plant at 12/31/2008	Existing Accrual Rates	Accrual at Existing Rates	Proposed Accrual Rates	Accrual at Proposed Rates	Change in Expense
304100-Struct & Imp-Supply	311	621,429.43	2.38%	14,790.02	2.54%	15,784.31	994.29
304200-Struct & Imp-Pumping	321	3,953,448.00	3.31%	130,859.13	1.48%	58,511.03	(72,348.10)
304300-Struct & Imp-Treatment	331	3,422,680.29	2.75%	94,123.71	1.33%	45,521.65	(48,602.06)
304400-Struct & Imp-T&D	341	144,690.80	2.60%	3,761.96	2.29%	3,313.42	(448.54)
304500-Struct & Imp-General	371	6,034,343.48	3.18%	191,892.12	2.30%	138,789.90	(53,102.22)
304700-Struct & Imp-Store,Shop,Gar New	371				2.63%	*	
305000-Collect & Impound Reservoirs	312				1.67%	*	
306000-Lake, River & Other Intakes	313	12,734.88	2.53%	322.19	4.76%	606.18	283.99
307000-Wells & Springs	315	9,675,839.79	3.19%	308,659.29	3.23%	312,529.63	3,870.34
309000-Supply Mains	316	1,773,470.05	1.70%	30,148.99	1.88%	33,341.24	3,192.25
310000-Power Generation Equip	323	53,989.81	4.30%	2,321.56	4.18%	2,256.77	(64.79)
311200-Pump Equip Electric	324	14,275,415.64	4.45%	635,256.00	3.96%	565,306.46	(69,949.54)
331100-TD Mains 4in & Less	343	38,586,549.24	1.94%	748,579.06	1.71%	659,829.99	(88,749.07)
331200-TD Mains 6in to 8in	343	11,985,040.18	1.94%	232,509.78	1.73%	207,341.20	(25,168.58)
332000-Fire Mains	344	20,424.51	1.94%	396.24	1.77%	361.51	(34.73)
333000-Services	345	21,247,139.04	6.24%	1,325,821.48	2.62%	556,675.04	(769,146.44)
334100-Meters	346	6,844,124.73	3.81%	260,761.15	5.45%	373,004.80	112,243.65
334200-Meter Installations	347	10,167,226.26	3.81%	387,371.32	5.10%	518,528.54	131,157.22
335000-Hydrants	348	7,909,942.32	2.06%	162,944.81	2.26%	178,764.70	15,819.89
339100-Other P/E-Intangible	303	401,758.57	2.76%	11,088.54	5.67%	22,779.71	11,691.17
340100-Office Furniture & Equip	372	710,044.69	7.07%	50,200.16	2.17%	15,407.97	(34,792.19)
340200-Comp & Periph Equip	372	588,176.61	32.71%	192,392.57	0.00%	0.00	(192,392.57)
340200-Comp & Periph Equip New	372				10.00% *		
340300-Computer Software	372	270,689.01	32.71%	88,542.38	7.73%	20,924.26	(67,618.12)
340500-Other Office Equipment	372	67,715.44	7.07%	4,787.48	3.51%	2,376.81	(2,410.67)
341100-Trans Equip Lt Duty Trks	373	939,648.26	9.12%	85,695.92	0.00%	0.00	(85,695.92)
341200-Trans Equip Hvy Duty Trks	373	355,724.65	9.12%	32,442.09	0.46%	1,636.33	(30,805.76)
341300-Trans Equip Autos	373	5,324.92	12.16%	647.51	8.47%	451.02	(196.49)
341100-Trans Equip Lt Duty Trks New	373				12.86%	*	
341200-Trans Equip Hvy Duty Trks New	373				8.50%	*	

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Account	PUC Acct.	Plant at 12/31/2008	Existing Accrual Rates	Accrual at Existing Rates	Proposed Accrual Rates	Accrual at Proposed Rates	Change in Expense
341300-Trans Equip Autos New	373				12.86%	*	
342000 Stores Equipment New	374				5.00%		
343000-Tools,Shop,Garage Equip	378	456,764.23	3.57%	16,306.48	1.82%	8,313.11	(7,993.37)
344000-Laboratory Equipment	375	122,125.35	2.74%	3,346.23	1.27%	1,550.99	(1,795.24)
345000-Power Operated Equipment	377	553,861.94	5.44%	30,130.09	3.29%	18,222.06	(11,908.03)
347000-Misc Equipment	379	478,408.95	5.87%	28,082.61	4.57%	21,863.29	(6,219.32)
348000-Other Tangible Property New	390				5.00%		
Total Sacramento		191,171,577.98		7,005,710.81		5,419,240.76	(1,586,470.04)

*New additions to the above accounts will reflect proposed life and net salvage parameters

311400-Pump Eqp Hydraulic	325	134,535.02	4.45%	5,986.81	4.05%	5,448.67	(538.14)
311500-Pump Eqp Other	325	1,562.85	6.78%	105.96	3.04%	47.51	(58.45)
311540-Pumping Equipment TD	325	1,978,602.66	4.45%	88,047.82	4.13%	81,716.29	(6,331.53)
Total		2,114,700.53		94,140.59		87,212.47	
Composite Rate			4.45%		4.12%		
320100-WT Equip Non-Media	332	13,775,410.77	5.15%	709,433.65	2.02%	278,263.30	(431,170.35)
320200-WT Equip Filter Media	332	7,341,755.40	5.15%	378,100.40	11.39%	836,225.94	458,125.54
Total		21,117,166.17		1,087,534.05		1,114,489.24	
Composite Rate			5.15%		5.28%		
330000-Dist Reservoirs & Standpipes	342	6,535,317.53	1.84%	120,249.84	1.42%	92,801.51	(27,448.33)
330200-Ground Level Tanks	342	1,313,469.91	1.84%	24,167.85	2.86%	37,565.24	13,397.39
330300-Below Ground Tanks	342	80,075.73	1.84%	1,473.39	2.80%	2,242.12	768.73
Total		7,928,863.17		145,891.08		132,608.87	
Composite Rate			1.84%		1.67%		

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Account	PUC Acct.	Plant at 12/31/2008	Existing Accrual Rates	Accrual at Existing Rates	Proposed Accrual Rates	Accrual at Proposed Rates	Change in Expense
331001-TD Mains Not Classified	343	201,569.69	2.32%	4,676.42	2.63%	5,301.28	624.86
331300-TD Mains 10in to 16in	343	11,679,200.30	1.94%	226,576.49	1.72%	200,882.25	(25,694.24)
331400-TD Mains 18in & Grtr	343	1,150,379.46	1.94%	22,317.36	1.73%	19,901.56	(2,415.80)
Total		13,031,149.45		253,570.27		226,085.09	
Composite Rate			1.95%		1.73%		
346100-Comm Equip Non-Telephone	376	2,084,058.38	6.61%	137,756.26	1.20%	25,008.70	(112,747.56)
346190-Remote Control & Instrument	376	320,518.18	6.61%	21,186.25	6.43%	20,609.32	(576.93)
346200-Comm Equip Telephone	376	2,896,391.03	6.61%	191,451.45	3.93%	113,828.17	(77,623.28)
Total		5,300,967.59		350,393.96		159,446.19	
Composite Rate			6.61%		3.01%		

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This Chapter contains detailed information regarding the various components of utility plant in service and other investments that have been made or are forecasted to be made by California American Water in property. The only property investments proposed are required and essential to provide quality service to customers in its Sacramento District. The amount of those investments is reduced by externally financed investments as summarized on Table 9.2 in order to arrive at the net cost of the rate base that will be in place between December 31, 2012 and December 31, 2013.

Detailed information supporting California American Water forecasts and rate base calculations are included as separate Tables of this Chapter as follows:

Table 9.1 – This table contains a calculation of Weighted Average Rate Base as recorded for the years 2005 through 2009 as well as proposed for the year 2010.

Table 9.2 – This table contains a calculation of Weighted Average Rate Base as authorized for 2010 in the prior Sacramento District GRC and as proposed for the years 2011 through 2013.

Table 9.3 – This table contains balances in Materials and Supplies investments for the years 2005 through 2013.

Table 9.4 – This table contains a calculation of investments in Working Cash required by the Sacramento District to support its day-to-day operation.

Table 9.5 – This table contains information about Advances for Construction available to the Sacramento District for the years 2005 through 2013 to offset construction costs as a source of external cash used to reduce total Rate Base investment.

Table 9.6 – This table contains information about Net Contributions available to the Sacramento District for the years 2005 through 2013 to offset construction costs as a source of external cash used to reduce total Rate Base investment.

Table 9.7 – This table contains information about the Taxable Average Accumulated Deferred Reserve associated with a portion of Net Contributions that reduces that portion of the availability of that source of external cash.

Table 9.8 – This table contains information about the amount of Average Annual State Deferred Taxes available as a source of external cash used to reduce total Rate Base investment.

Table 9.9 – This table contains information about the amount of Average Annual Federal Deferred Taxes available as a source of external cash used to reduce total Rate Base investment.

Table 9.10 – This table contains calculations of percentages of increase in the Weighted Average Rate Base for the years 2005 through 2012 as authorized and as proposed in this Application and as shown on a Rate Base Component and a Rate Base per Customer basis.

Table 9.11 – This table contains information for the years 2005 through 2013 regarding the 20-year amortization of Advances for Construction.

Table 9.12 – This table contains information for the years 2005 through 2013 regarding the 20-year amortization of Contributions In Aid Of Construction.

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TABLE:	9.1

Line No.	Description	Recorded Years					Est. Year	Reference
		2005	2006	2007	2008	2009	2010	
1.	Weighted Average Utility Plant in Service	141,013.7	157,750.3	177,590.3	199,117.9	223,088.1	245,007.8	Chapter 7 Table 1 Line 12
2.	Materials and Supplies	27.1	84.1	124.3	188.9	163.7	124.7	Chapter 9 Table 3 Line 1
3.	Working Cash, Operational	1,049.0	709.8	813.2	1,098.5	907.3	718.2	Chapter 9 Table 4 Line 26
4.	Working Cash, Lead Lag	601.3	646.0	272.7	270.8	3,239.0	4,206.7	A. 09-01-013
5.	SUBTOTAL	142,691.1	159,190.3	178,800.6	200,676.1	227,398.1	250,057.4	Line 1 + 2 + 3 +4
6.	LESS DEDUCTIONS FROM RATE BASE							
7.	Weighted Average Depreciation Reserve	(49,415.6)	(53,888.1)	(58,841.9)	(64,770.4)	(71,511.9)	(79,062.9)	Chapter 8 Table 1 Line 11
8.	Advances for Construction	(8,847.9)	(9,065.9)	(9,534.0)	(10,183.7)	(10,633.0)	(11,120.9)	Chapter 9 Table 5 Line 15
	Unamortized Advances (20 Year Amortization)	(18,423.5)	(17,306.9)	(16,190.3)	(15,073.7)	(13,957.1)	(12,840.5)	Chapter 9 Table 11 Line 5 Chapter 9 Table 6 Line 23 Plus Table 7 Line 32
9.	Contributions in Aid of Construction	(7,356.1)	(9,268.6)	(9,697.4)	(10,759.8)	(12,773.9)	(13,993.6)	Chapter 9 Table 12 Line 5
	Unamortized Contributions (20 Year Amortization)	(6,755.7)	(6,346.3)	(5,936.9)	(5,527.5)	(5,118.1)	(4,708.7)	Chapter 9 Table 9 Line 19
10.	Accumulated Deferred Federal Income Taxes	(2,636.8)	(1,660.0)	(441.9)	48.5	(2,363.5)	(4,176.4)	Chapter 9 Table 8 Line 19
11.	Accumulated Deferred State Income Taxes	(730.9)	(460.2)	(122.8)	13.1	(664.4)	(1,183.4)	Chapter 9 Table 8 Line 19
12.	SUBTOTAL DEDUCTIONS	(94,166.5)	(97,996.0)	(100,765.2)	(106,253.4)	(117,021.9)	(127,086.4)	Line 7 + 8 + 9 +10 +11
13.	General Office Allocation	0.0	0.0	0.0	0.0	0.0	0.0	
14.	WEIGHTED AVERAGE RATE BASE	48,524.6	61,194.3	78,035.4	94,422.7	110,376.2	122,970.9	Line 5 + 12

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 Calculation of Weighted Average
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TABLE:	9.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2010	2011	2012	2013	
1.	Weighted Average Utility Plant in Service	243,239.7	262,473.2	284,571.8	309,577.8	Chapter 7 Table 2 Line 12
2.	Materials and Supplies	154.3	128.6	132.7	136.8	Chapter 9 Table 3 Line 1
3.	Working Cash, Operational	921.9	536.0	556.3	2,122.1	Chapter 9 Table 4 Line 26
4.	Working Cash, Lead Lag	4,126.8	4,514.9	2,995.0	3,734.0	Rate Base Wrkppr RB-109
5.	SUBTOTAL	248,442.7	267,652.7	288,255.8	315,570.7	Line 1 + 2 + 3 +4
6.	LESS DEDUCTIONS FROM RATE BASE					
7.	Weighted Average Depreciation Reserve	(80,227.5)	(87,785.6)	(96,339.1)	(104,310.2)	Chapter 8 Table 2 Line 11
8.	Advances for Construction	(12,361.2)	(11,095.0)	(11,055.0)	(11,067.2)	Chapter 9 Table 5 Line 15
	Unamortized Advances (20 Year Amortization)	(12,840.5)	(11,723.9)	(10,607.3)	(9,490.7)	Chapter 9 Table 11 Line 5 Chapter 9 Table 6 Line 23
9.	Contributions in Aid of Construction	(12,370.3)	(14,119.7)	(14,220.5)	(14,411.6)	Plus Table 7 Line 32
	Unamortized Contributions (20 Year Amortization)	(4,708.7)	(4,299.3)	(3,889.9)	(3,480.5)	Chapter 9 Table 12 Line 5
10.	Accumulated Deferred Federal Income Taxes	(606.7)	(3,599.8)	(3,504.3)	(3,912.6)	Chapter 9 Table 9 Line 19
11.	Accumulated Deferred State Income Taxes	(168.5)	(1,033.3)	(994.1)	(1,069.2)	Chapter 9 Table 8 Line 19
12.	SUBTOTAL DEDUCTIONS	(123,283.4)	(133,656.6)	(140,610.2)	(147,742.0)	Line 7 + 8 + 9 +10 +11
13.	General Office Allocation	0.0	0.0	0.0	0.0	
14.	WEIGHTED AVERAGE RATE BASE	125,159.3	133,996.1	147,645.6	167,828.7	Line 5 + 12
15.	Weighted Cost of Debt	3.76%	3.76%	3.76%	3.76%	Exh C - Table C-1
16.	Rate Making Interest	4,706.0	5,033.9	5,546.7	6,304.9	Ln 14 x Ln 15

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Table Summarizing Materials and Supplies Balances
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.3

Line No.	ITEM	Recorded Years					Est. Year	FIVE Year Average	Estimated Years		
		2005	2006	2007	2008	2009	2010		2011	2012	2013
1.	TOTALS	27.1	84.1	124.3	188.9	163.7	124.7	119.9	128.6	132.7	136.8
	Inflation Factor	1.123	1.071	1.035	0.986	1.000	1.040		1.032	1.032	1.031
	Inflation Adjusted	30.5	90.1	128.7	186.4	163.7					

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Cash Working Capital - Operational
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.4

Line No.	ITEM	Recorded Years					Est. Year	FIVE YEAR AVERAGE	Estimated Years		
		2005	2006	2007	2008	2009	2010		2011	2012	2013
1.	DEPOSITS										
2.	Sac District	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	WORKING FUNDS										
5.	Sac District	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
7.	MISC. RECEIVABLES										
8.	Sac District	339.8	0.0	0.0	0.0	72.4	0.0	82.4	0.0	0.0	0.0
10.	PREPAYMENTS										
11.	Sac District										
12.											
13.	Other	70.9	91.6	225.3	248.8	102.0	147.7	147.7	147.7	147.7	147.7
14.	Taxes	8.6	19.6	27.3	27.5	32.0	23.0	23.0	23.0	23.0	23.0
20.	DEFERRED DEBITS										
21.	Prg Maint - Tank Painting	629.1	598.2	560.1	821.7	700.5	547.0	661.9	364.8	385.1	1,950.9
22.	Depr Study	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Deferred Rate Case										
23.	Expense	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.	Other Reg Assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Balancing & Memo										
25.	Account	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.	Corp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	TOTALS	1,049.0	709.8	813.2	1,098.5	907.3	718.2	915.6	536.0	556.3	2,122.1

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary of Advances for Construction
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.5

Line No.	Description	Recorded Years					Estimated Years					
		2005	2006	2007	2008	2009	2010	2011	2012	2013		
1.	ACQUIRED ADVANCES DURING YEAR											
	SUMMARY, PROJECTED INVESTMENT											
2.	PORTION											
3.	Additions During the Year	0.0	0.0	0.0	0.0	0.0	308.8	251.9	298.3	357.9	Used 33.14% of Dev/Contrib RB Wrkpr RB-100	
4.	Refunds on Additions During the Year	0.0	0.0	0.0	0.0	0.0	7.7	6.3	7.5	8.9	ADDITIONS/40YEARS	
	SUMMARY, PROJECTED GROSS UP											
5.	PORTION											
6.	Taxable Gross-Up Additions	0.0	0.0	0.0	0.0	0.0	154.4	125.9	149.1	179.0	50% of ADDITIONS	
7.	Gross-Up Percentage	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	RULE 15 TARIFF %	
	Total Gross Up Additions During the											
8.	Year	0.0	0.0	0.0	0.0	0.0	51.8	42.3	50.1	60.1		
9.	Refunds on Gross Ups	0.0	0.0	0.0	0.0	0.0	1.3	1.1	1.3	1.5	ADDITIONS/40YEARS	
	SUMMARY, TOTAL ACCOUNT											
	INCLUDING GROSS UP											
10.	BEGINNING OF YEAR BALANCE	8415.2	9,280.6	8,851.2	10,216.8	10,150.6	11,115.4	11,126.4	11,063.6	11,046.3	Calculated Recorded and Calculated from Lines 3 and 8	
11.	Additions During Year	1,027.3	178.4	1,611.1	205.0	1,305.4	360.7	294.2	348.3	418.0	Recorded and Calculated from Lines 4 and 9	
12.	Refunds	161.9	607.8	245.5	271.2	340.6	349.6	357.0	365.7	376.1		
13.	Transfer to Contributions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14.	END OF YEAR BALANCE	9,280.6	8,851.2	10,216.8	10,150.6	11,115.4	11,126.4	11,063.6	11,046.3	11,088.2	Calculated	
	ADV FOR CONSTRUCTION											
15.	FOR RATE BASE	8,847.9	9,065.9	9,534.0	10,183.7	10,633.0	11,120.9	11,095.0	11,055.0	11,067.2	Calculated	

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary of Net Contributions for Rate Base
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.6

Line No.	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
C.I.A.C. NON-TAXABLE											
1.	<u>Gross Contributions</u>										
2.	Beginning of Year Balance	5,865.6	9,055.9	9,394.7	9,932.3	11,892.9	14,255.0	14,853.6	15,341.9	15,920.0	Calculated
3.	Additions During Year	3,190.3	338.7	537.6	1,960.6	2,362.1	598.6	488.2	578.2	693.8	Used 64.24% of Dev/Contrib RB Wrkpr RB-100
4.	End of Year Balance	9,055.9	9,394.7	9,932.3	11,892.9	14,255.0	14,853.6	15,341.9	15,920.0	16,613.8	Calculated
5.	AVERAGE FOR THE YEAR	7,460.8	9,225.3	9,663.5	10,912.6	13,074.0	14,554.3	15,097.8	15,631.0	16,266.9	Calculated
6.	Depreciation Charged to Contributions										
7.	Beginning of Year Balance	90.1	166.9	279.3	444.7	663.2	972.4	1,316.7	1,673.9	2,043.6	Calculated
8.	Charged During Year	76.8	112.4	165.4	218.5	309.3	344.3	357.1	369.8	384.8	Calculated
9.	End of Year Balance	166.9	279.3	444.7	663.2	972.4	1,316.7	1,673.9	2,043.6	2,428.4	Calculated
10.	AVERAGE FOR THE YEAR	128.5	223.1	362.0	553.9	817.8	1,144.6	1,495.3	1,858.8	2,236.0	Calculated
11.	NET AVG CONTRIB IN AID OF CONSTRUCT FOR RATE BASE, PRIOR TO 1987	7,332.3	9,002.2	9,301.5	10,358.7	12,256.2	13,409.8	13,602.5	13,772.2	14,030.9	Calculated
C.I.A.C. TAXABLE											
12.	<u>Gross Contributions</u>	9687.4	10266.9	10604.2	12393.0	14689.9	14864.4	14909.8	15035.0	15264.0	
13.	Beginning of Year Balance	579.1	848.7	1,259.0	1,303.3	1,434.9	1,772.6	1,797.0	1,817.0	1,840.5	Calculated
14.	Additions During Year	269.6	410.3	44.3	131.6	337.7	24.4	19.9	23.6	28.3	Used 2.62% of Dev/Contrib RB Wrkpr RB-100
15.	End of Year Balance	848.7	1,259.0	1,303.3	1,434.9	1,772.6	1,797.0	1,817.0	1,840.5	1,868.8	Calculated
16.	AVERAGE FOR THE YEAR	713.9	1,053.9	1,281.2	1,369.1	1,603.8	1,784.8	1,807.0	1,828.8	1,854.7	Calculated
17.	Depreciation Charged to Contributions										
18.	Beginning of Year Balance	23.3	50.3	107.6	186.6	271.7	365.3	469.6	575.1	681.9	Calculated
19.	Charged During Year	27.0	57.3	79.1	85.0	93.7	104.2	105.5	106.8	108.3	Calculated
20.	End of Year Balance	50.3	107.6	186.6	271.7	365.3	469.6	575.1	681.9	790.3	Calculated
21.	AVERAGE FOR THE YEAR	36.8	78.9	147.1	229.2	318.5	417.5	522.4	628.5	736.1	Calculated
22.	NET CONTRIB IN AID OF CONSTRUCTION FOR RATE BASE, 1987 AND LATER	677.1	974.9	1,134.0	1,139.9	1,285.3	1,367.4	1,284.7	1,200.2	1,118.6	Calculated
23.	TOTAL NET CONTRIB FOR RATE BASE	8,009.4	9,977.2	10,435.5	11,498.6	13,541.4	14,777.1	14,887.1	14,972.4	15,149.5	Calculated

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Accumulated Taxable Average CIAC Reserve
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.7

Line No.	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
1.	ACCUM DEFERRED REVENUES, BEG OF YEAR BAL	631.6	675.0	742.1	734.1	743.5	791.5	775.5	759.3	744.5	Recorded & Calculated
2.	Additions During Year:										
3.	Investment	269.6	410.3	44.3	131.6	337.7	24.4	19.9	23.6	28.3	From Table 9.6
4.	Gross-Up Percentage	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	Rule 15 Tariff
5.	Gross-Up	90.5	137.8	14.9	44.2	113.4	8.2	6.7	7.9	9.5	Calculated
6.	Composite Income Tax Rate	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	Calculated
7.	Taxes Payable on Gross-Up	36.9	56.2	6.1	18	46.2	3.3	2.7	3.2	3.9	Calculated
8.	Deferred Revenues Generated	53.6	81.6	8.8	26.2	67.2	4.9	4.0	4.7	5.6	Calculated
9.	Amortization of Deferred Revenues Based on MACRS Depreciation Rates										
10.	Depreciation Rate										
11.	Vintage 2005	3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	4.888%	4.522%	4.462%	MACRS Deprec rate 20 yrs.
12.	Vintage 2006		3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	4.888%	4.522%	
13.	Vintage 2007			3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	4.888%	
14.	Vintage 2008				3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	
15.	Vintage 2009					3.750%	7.219%	6.677%	6.177%	5.713%	
16.	Vintage 2010						3.750%	7.219%	6.677%	6.177%	
17.	Vintage 2011							3.750%	7.219%	6.677%	
18.	Vintage 2012								3.750%	7.219%	
19.	Vintage 2013									3.750%	
20.	Amortization										
20.	Vintage 2005	2.0	3.9	3.6	3.3	3.1	2.8	2.6	2.4	2.4	Calculated
21.	Vintage 2006		3.1	5.9	5.4	5.0	4.7	4.3	4.0	3.7	
22.	Vintage 2007			0.3	0.6	0.6	0.5	0.5	0.5	0.4	
23.	Vintage 2008				1.0	1.9	1.7	1.6	1.5	1.4	
24.	Vintage 2009					2.5	4.9	4.5	4.2	3.8	
25.	Vintage 2010						0.2	0.4	0.3	0.3	
26.	Vintage 2011							0.2	0.3	0.3	
27.	Vintage 2012								0.2	0.3	
28.	Vintage 2013									0.2	
29.	Pre-2005 Amortizations	8.2	7.5	7.0	6.5	6.1	6.1	6.1	6.1	6.1	
30.	Total Amortization	10.2	14.5	16.8	16.8	19.2	20.9	20.2	19.5	18.9	Calculated
31.	ACCUM DEFERRED REVENUES, END OF YEAR BAL	675.0	742.1	734.1	743.5	791.5	775.5	759.3	744.5	731.2	Calculated
32.	ACCUM DEFERRED REVENUES ASSOCIATED WITH TAXABLE C.I.A.C., AVERAGE FOR THE YEAR	653.3	708.6	738.1	738.8	767.5	783.5	767.4	751.9	737.9	Calculated

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Average Annual State Deferred Tax Balance
 All pre 2010 values are allocated recorded CAW amounts
 All post 2009 values are calculated based on current tax codes

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.8

Line No.	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
1.	BEGINNING OF YEAR BALANCE										
2.	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
3.	Plant Related	(1,063,893)	(901,718)	(575,907)	(160,504)	(270,803)	(1,470,249)	(1,317,680)	(1,178,920)	(1,248,055)	Prior Mo. Ending Balance
4.	C. I. A. C. Related	183,989	319,852	237,303	253,583	203,940	208,352	212,765	217,178	221,591	
5.	Deferred Assets Related	0	0	0	0	0	0	0	0	0	
6.	TOTAL	(879,904)	(581,866)	(338,604)	93,079	(66,863)	(1,261,897)	(1,104,915)	(961,742)	(1,026,464)	Ln 2 thru Ln 5
7.	ANNUAL CHANGE										
8.	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
9.	Plant Related	162,175	325,811	415,403	(110,299)	(1,199,446)	152,570	138,760	(69,135)	(89,903)	RB-108 Defrd Tax WP
10.	C. I. A. C. Related	135,863	(82,549)	16,280	(49,643)	4,413	4,413	4,413	4,413	4,413	Net Change 2009
11.	Deferred Assets Related	0	0	0	0	0	0	0	0	0	Net Change 2009
12.	TOTAL	298,038	243,262	431,683	(159,942)	(1,195,033)	156,982	143,173	(64,722)	(85,490)	Ln 8 thru Ln 11
13.	END OF YEAR BALANCE										
14.	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
15.	Plant Related	(901,718)	(575,907)	(160,504)	(270,803)	(1,470,249)	(1,317,680)	(1,178,920)	(1,248,055)	(1,337,957)	Ln 3 + Ln 9
16.	C. I. A. C. Related	319,852	237,303	253,583	203,940	208,352	212,765	217,178	221,591	226,003	Ln 4 + Ln 10
17.	Deferred Assets Related	0	0	0	0	0	0	0	0	0	Ln 5 + Ln 11
18.	TOTAL	(581,866)	(338,604)	93,079	(66,863)	(1,261,897)	(1,104,915)	(961,742)	(1,026,464)	(1,111,954)	Calculated
19.	AVERAGE ANNUAL STATE BALANCE	(730,885)	(460,235)	(122,763)	13,108	(664,380)	(1,183,406)	(1,033,328)	(994,103)	(1,069,209)	Calculated

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Average Annual Federal Deferred Tax Balance
 All pre 2010 values are allocated recorded CAW amounts
 All post 2009 values are calculated based on current tax codes

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.9

Line No.	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
1.	BEGINNING OF YEAR BALANCE										
2.	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
3.	Plant Related	(3,838,739)	(3,253,405)	(2,077,473)	(578,082)	(976,178)	(5,238,832)	(4,633,870)	(4,117,534)	(4,474,717)	Prior Mo. Ending Balance
4.	C. I. A. C. Related	664,068	1,154,433	856,490	915,249	736,073	752,000	767,927	783,853	799,780	
5.	Deferred Assets Related	0	0	0	0	0	0	0	0	0	
6.	TOTAL	(3,174,671)	(2,098,972)	(1,220,983)	337,167	(240,105)	(4,486,832)	(3,865,943)	(3,333,681)	(3,674,937)	Ln 2 thru Ln 5
7.	ANNUAL CHANGE										
8.	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
9.	Plant Related	585,334	1,175,932	1,499,391	(398,096)	(4,262,654)	604,962	516,336	(357,183)	(491,171)	RB-108 Defrd Tax WP
10.	C. I. A. C. Related	490,365	(297,943)	58,759	(179,176)	15,927	15,927	15,927	15,927	15,927	Net Change 2009
11.	Deferred Assets Related	0	0	0	0	0	0	0	0	0	Net Change 2009
12.	TOTAL	1,075,699	877,989	1,558,150	(577,272)	(4,246,727)	620,889	532,262	(341,256)	(475,244)	Ln 8 thru Ln 11
13.	END OF YEAR BALANCE										
14.	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
15.	Plant Related	(3,253,405)	(2,077,473)	(578,082)	(976,178)	(5,238,832)	(4,633,870)	(4,117,534)	(4,474,717)	(4,965,888)	Ln 3 + Ln 9
16.	C. I. A. C. Related	1,154,433	856,490	915,249	736,073	752,000	767,927	783,853	799,780	815,707	Ln 4 + Ln 10
17.	Deferred Assets Related	0	0	0	0	0	0	0	0	0	Ln 5 + Ln 11
18.	TOTAL	(2,098,972)	(1,220,983)	337,167	(240,105)	(4,486,832)	(3,865,943)	(3,333,681)	(3,674,937)	(4,150,181)	Calculated
19.	AVERAGE ANNUAL FEDERAL BALANCE	(2,636,821)	(1,659,978)	(441,908)	48,531	(2,363,469)	(4,176,388)	(3,599,812)	(3,504,309)	(3,912,559)	Calculated

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Wgtd Avg Rate Base & Percent of Increase for Auth-Rec-Prop and Per Customer
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE	9.10

Line No.	Description	RECORDED YEARS					ESTIMATED		TEST YEAR	Reference
		2005	2006	2007	2008	2009	2010	2011	2012	
1.	Weighted Average Rate Base	48,524.6	61,194.3	78,035.4	94,422.7	110,376.2	122,970.9	133,996.1	147,645.6	Chapter 9 Table 1 & 2 Line 14 & 15
2.	Average Customers	56,509	57,261	57,367	56,815	56,648	57,119	57,244	57,373	Rev & Prod Summary
3.	Weighted Average Rate Base Per Avg. Customer	0.86	1.07	1.36	1.66	1.95	2.15	2.34	2.57	Ln 1 / Ln 2
4.	Change in Weighted Average Rate Base	N/A	12,669.6	16,841.1	16,387.3	15,953.6	12,594.7	11,025.2	13,649.5	Difference in Ln Columns
5.	Percent of Increase in Weighted Average Rate Base	N/A	26.11%	27.52%	21.00%	16.90%	11.41%	8.97%	10.19%	Ln 4 / Prior Yr Wgth Avg Rate Base
6.	Percent of Incr. in Wgtd Avg Rate Base Per Customer	N/A	0.00046%	0.00048%	0.00037%	0.00030%	0.00020%	0.00016%	0.00018%	Ln 5 / Ln 2
							LAST AUTHO- RIZED 2010		LAST AUTHO- RIZED VS TEST YEAR	
7.	Last Authorized Weighted Average Rate Base						125,159.3		125,159.3	A. 09-01-013
8.	Last Authorized Average Customers						57,812		57,812	A. 09-01-013
9.	Last Auth. Weighted Average Rate Base Per Avg. Customer						2.16		2.2	Ln 7 / Ln 8
10.	Change in Weighted Average Rate Base						N/A		22,486.3	Ln 1 - Ln 7
11.	Percent of Increase in Weighted Average Rate Base						N/A		17.97%	Ln 10 / Ln 7
12.	Percent of Incr. in Wgtd Avg Rate Base Per Customer						N/A		0.00031%	Ln 11 / Ln 8

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 20 YEAR AMORTIZATION OF ADVANCES FOR CONSTRUCTION

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE	9.11

Line No.	Description	Recorded Years					Estimated Years			
		2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	Beginning Balance	18,981.8	17,865.2	16,748.6	15,632.0	14,515.4	13,398.8	12,282.2	11,165.6	10,049.0
2.	Additions During the Year	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	Amortization of Advances (20 Year Period)	1,116.6	1,116.6	1,116.6	1,116.6	1,116.6	1,116.6	1,116.6	1,116.6	1,116.6
4.	Ending Balance	17,865.2	16,748.6	15,632.0	14,515.4	13,398.8	12,282.2	11,165.6	10,049.0	8,932.4
5.	Advances for Construction for Rate Base	18,423.5	17,306.9	16,190.3	15,073.7	13,957.1	12,840.5	11,723.9	10,607.3	9,490.7

CALIFORNIA AMERICAN WATER
 SACRAMENTO WATER DISTRICT - 2010 GENERAL RATE CASE
 20 YEAR AMORTIZATION OF CONTRIBUTIONS IN AID OF CONSTRUCTION

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE	9.12

Line No.	Description	Recorded Years					Estimated Years			
		2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	Beginning Balance	6,960.4	6,551.0	6,141.6	5,732.2	5,322.8	4,913.4	4,504.0	4,094.6	3,685.2
2.	Additions During the Year	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	Amortization of Advances (20 Year Period)	409.4	409.4	409.4	409.4	409.4	409.4	409.4	409.4	409.4
4.	Ending Balance	6,551.0	6,141.6	5,732.2	5,322.8	4,913.4	4,504.0	4,094.6	3,685.2	3,275.8
5.	Contributions in Aid of Construction for Rate Base	6,755.7	6,346.3	5,936.9	5,527.5	5,118.1	4,708.7	4,299.3	3,889.9	3,480.5

In accordance with authorization granted by the Executive Director of the California Public Utilities Commission ("Commission"), the rate design portion of California American Water Company's 2010 general rate case was filed separately on August 2, 2010 and is available on the Commission's website at <http://docs.cpuc.ca.gov/published/proceedings/A1007007.htm>

Please also see the notice of available attached hereto to obtain a copy.

300160667.1

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

Tables in this chapter contain information regarding various quantities California American Water proposes be included in the final decision regarding this GRC application for the Sacramento District. Evidence supporting the various quantities is included in Exhibit A. The various proposed quantities are presented as follows:

Table 11.1 – This table contains information regarding the various requested quantities for taxes, uncollectible expenses, the net-to-gross multiplier and unaccounted for water proposed to be included in the determination of authorized water rates.

Table 11.2 – This table contains information about the average customers, by customer class and meter size proposed to be included in the determination of authorized water rates.

Table 11.3 – This table contains information about the average consumption, by customer class proposed to be included in the determination of authorized water rates.

Table 11.4 - This table contains information about the proposed quantities of water produced and purchased to be included in the determination of authorized water rates.

Table 11.5 - This table contains information about the proposed quantities of power purchases to be included in the determination of authorized water rates.

**CALIFORNIA-AMERICAN WATER COMPANY
 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - TAXES, UNCOLLECTIBLE,
 NET-TO-GROSS**

**FILING: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.1**

	Rates	Reference
Franchise Taxes	0.00%	Ex A, Ch 2, Table 2.4
Uncollectible Expenses	0.6576%	Ex A, Ch 2, Table 2.4
State Taxes	8.84%	Ex A, Ch 2, Table 2.4
Federal Taxes	35.00%	Ex A, Ch 2, Table 2.4
Net-to-Gross Multiplier	1.77571	Ex A, Ch 2, Table 2.4

CALIFORNIA-AMERICAN WATER COMPANY
 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - AVERAGE CUSTOMERS

FILING: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.2

Average Customers	2010	2012	Reference
Metered	Authorized		
Residential	27,532	38,354	Ex A, Ch 3, Table 3.5
Commercial	4,570	4,627	
Public Authority	377	391	
Industrial	1	1	
Sub Total	32,480	43,373	
Private Fire	811	824	
Unmetered	24,521	13,176	
Total	57,812	57,373	
Residential - Low Income	0	1,716	See WP REV-502
Meter Sizes			
5/8"	25,435	38,331	See WP REV-200
3/4"	120	132	
1"	2,087	2,125	
1 1/2 "	726	744	
2"	1,873	1,893	
3"	25	35	
4"	82	82	
6"	23	23	
8"	9	9	
10"	0	0	
12"	0	0	
TOTAL METERED	30,380	43,374	
Unmetered			
4500 Sq ft or less		1,563	Ex A, Ch 3, Table 3.5
4501 to 8000 Sq ft.		8,752	
> 8000 Sq. ft. ⁽¹⁾		2,861	
TOTAL UNMETERED	24,521	13,176	
Fire Services			
4"	103	108	Ex A, Ch 3, Table 3.5
6"	268	278	
8"	386	398	
10"	32	32	
Hydrants	8	8	
TOTAL	797	824	
GRAND TOTAL	55,698	57,374	

(1) > 8000 sq. ft. incorporated into 4501 to 8000 sq. ft. category in adopted.

**CALIFORNIA-AMERICAN WATER COMPANY
 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - AVERAGE CONSUMPTION
 IN THOUSANDS**

**FILING: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.3**

Annual Average Consumption Per Connection (ccfs)

Metered	2010 Adopted	2012	Ref
Residential	6,547.1	8,734.3	Ex A, Ch 3, Table 3.8
Commercial	4,288.9	4,335.0	
Public Authority	1,116.9	1,203.7	
Industrial	0.7	0.0	
Irrigation	0.0	0.0	
Subtotal	11,953.6	14,273.1	
Unmetered	6,366.7	3,179.4	
Fire	0.0	0.0	
TOTAL	18,320.3	17,452.5	
Total Annual Consumption	18,320.3	17,452.5	Exh A, Ch 3, Table 3.14
Non-Revenue Water	0.0	1841.3	Exh A, Ch 3, Table 3.14
Total Production	18,320.3	19,293.8	

CALIFORNIA-AMERICAN WATER COMPANY
 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - WATER PRODUCTION

FILING: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.4

	2010 Authorized	2012	Reference
Water Production			
Well Production (Kccf)	17,851,958.9	16,765,861.2	
Purchased Water	2,391,466.5	2,527,899.8	
Total	20,243,425.4	19,293,761.0	Ex A, Ch 3, Table 3.14
Purchased Water Quantities (ccf)			
City of Sacramento	1,241,578	1,124,257	EXP-300
Citrus Heights	984	-	
Placer County	493,825	534,721	
Sac Suburban	655,080	868,922	
Total	2,391,467	2,527,900	
Purchased Water Unit Costs			
City of Sacramento			
Connection Fee-Annual	\$146,799	\$146,799	EXP-300
Monthly Service Charge	\$2,268	\$2,139	
Rate per Ccf	\$0.6407	\$0.4750	
Citrus Heights			
Rate per Ccf	\$0.2525	\$0.0000	
Placer County			
Monthly Service Charge	\$17,295	\$18,579	
Average Rate per Ccf	\$1.7300	\$1.9900	
Sac Suburban			
Rate per Ccf	\$0.2400	\$0.4200	
Purchased Water Costs			
City of Sacramento	\$944,489	\$682,960	EXP-300
Citrus Heights	\$248	\$0	
Placer County	\$1,062,061	\$1,188,131	
Sac Suburban	\$273,244	\$364,947	
TOTAL PURCHASED WATER	\$2,280,042	\$2,236,038	

**CALIFORNIA-AMERICAN WATER COMPANY
 SACRAMENTO DISTRICT -- 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - PURCHASED POWER**

**FILING: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.5**

	2010		
	Authorized	2012	Reference
Purchased Power			
Total Water Rqmt (CCF)	20,243,425	19,293,761	Ex A, Ch 3, Table 3.14
Water Purchased not pumped	2,391,467		Ex A, Ch 11, Table 11.4
Pumped Water Rqmt (CCF)	17,851,959		Ex A, Ch 11, Table 11.4
Pumped Water Rqmt (1000Gal)	13,354,158	14,432,698	See WP EXP-301
KWH/1000Gal	1.7752	1.5932	See WP EXP-301
KWH	23,706,484	22,994,129	See WP EXP-301
Avg. Rate /KWH	\$ 0.1071	\$ 0.1110	See WP EXP-301
Recalculated Power Costs At Current Rates.	\$ 2,538,649	\$ 2,552,283	Calculated

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

The information in this chapter describes the major differences between the Proposed and Final applications filed by California American Water to increase the general services rates of its Sacramento District customers.

No.	Description	Explanation of Change
1.	Cost of Capital Rate Case Expenses Omission in California Corporate	California Corporate Exhibit A – CC, Chapter 3, Table 1.2 was understated because of a formula error on Work Paper CC EXP 115 on page 29. The formula error accidentally omitted the Cost of Capital rate case expenses in the total rate case expenses. The error has been corrected and increased the 2012 and 2013 rate case request from \$2,329,200 to \$2,798,400. No change was made to testimony for this item.
2.	Group Insurance Escalation Rates	<p>After the filing of our proposed application, it was determined that the escalation of group insurance needed to be increased significantly in 2011 and increased to the industry trend of 8.2% in 2012 and 2013. The large increase was primarily attributable to the fact that American Water had not increased these costs on a per employee basis since 2007 due to excess cash in the group insurance trust. The excess cash was built up in part by a dependent audit which lowered claims. Beginning in 2011, all excess cash had been depleted so the Company needed to increase contributions to the group insurance trust to bring them in line with current group insurance costs.</p> <p>This change increased Exhibit A – CC, Chapter 2, Table 3.2, Employee Benefits line item for 2011, 2012 and 2013 for corporate employees. It also increased Exhibit A – CC, Chapter 3, Table 1.2, District Group Insurance, Net of Capital Credits for district employees. Finally, it also increased the Service Company budget which gets allocated in part to California American Water in Exhibit A – SC, Chapter 3, Section 1, Table 1. See the increased escalation percentages at Work Paper CC EXP 133, Page 48 in the California Corporate Work Papers and refer to Jeffrey Dana's direct testimony for additional explanation.</p>
3.	Direct Charge Percentages Reduced for Service Company	The direct charge percentages were reduced for certain Service Company functions where California American Water does not expect the same level of charges that occurred in 2009. The 3 functions were Business Development (reduced to 0%), Regulated Operations (reduced to 0%) and Operation Services (reduced to 3.21%). These adjustments were made to SC WP 102-105 and cause a decrease to the revenue requirement.

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT – 2010 GENERAL RATE CASE
COMPARISONS OF PROPOSED AND FINAL INFORMATION**

**EXHIBIT: A
CHAPTER: 12**

No.	Description	Explanation of Change
4.	Allocation Error for Service Company	The 2010 Service Company budget numbers included in the proposed application were allocated incorrectly. The final application corrects for this 2010 error in Work Papers SC WP 102, which is then escalated for 2011-2013 on SC WP 103-105. Correction of this error caused an increase to revenue requirement.
5.	Updated Escalation Percentages and Added 5 year Average Customer Growth	Escalation percentages were updated to use the percentages specified in the DRA April 2010 Escalation Memorandum Letters. The escalation percentages also factored in the 5 year average annual customer growth of 0.24%, as is permitted by Decision 04-06-018, which had not been factored in the proposed application. The calculation of this customer growth factor is shown in attachment 1 of the testimony of Patrick Pilz.
6.	Federal Income Taxes- Domestic Production Activities Deduction	The methodology used to compute the Domestic Production Activities Deduction (DPAD) has been modified to also incorporate a percentage for pumped water in determining qualified production activities income for purposes of calculating the deduction amount.
7.	Present Rates	Present rates revised to reflect rates expected to be in effect July 1, 2010.
8.	Labor	Two new Engineering positions were added and a vacancy was changed in CA Corporate's Labor calculation. The new positions and the vacancy change in the Engineering department are discussed in Mr. Mark Schubert's testimony.
9.	General	The change in forecasted consumption estimates causes changes in expense forecasts affected by production and sales volumes such as purchased power, purchased water and chemical expenses.
10.	Forecasted Consumption	Forecasted consumption estimates have been changed to reflect 2009 actual consumption per customer. This methodology applies for all metered customer classifications in the San Diego County, Los Angeles County, Larkfield District, Ventura County, and Sacramento County Service Areas.

Tables in this chapter contain comparisons of the major differences between the Proposed and Final applications filed by California American Water to increase the general water service rates of its Sacramento District customers. Tables are also included to compare

information between the Final Application and any adjusted application California American Water may be required to file. The comparisons are presented as follows:

Table 12.1 – This table compares Income Statement information between the Final and Proposed GRC applications and provides explanations of any significant differences.

Table 12.2 – This table compares Income Statement information between the Adjusted and Final GRC applications and provides explanations of any significant differences. This table would only be prepared and filed if California American Water is required to file an Adjusted GRC Application.

Table 12.3 – This table compares Rate Base information between the Final and Proposed GRC applications and provides explanations of any significant differences.

Table 12.4 - This table compares Rate Base information between the Adjusted and Final GRC applications and provides explanations of any significant differences. This table would only be prepared and filed if California American Water is required to file an Adjusted GRC Application.

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE PROPOSED AND FINAL INCOME STATEMENTS (000's)**

**FILED: UPDATE
EXHIBIT: A
CHAPTER: 12
TABLE: 12.1**

2012 Operating Results				
	As Filed In Final Application	As Filed In Proposed Application	Difference	Reason for Difference
Operating Revenues				
Water	\$54,229.5	\$53,926.3	\$303.1	See Explanation No. 7,10
Operating Expenses				
Payroll	\$3,212.4	\$3,212.4	\$0.0	
Purchased Water	\$2,429.8	\$2,429.8	\$0.0	
Purchased Power	\$2,552.3	\$2,625.3	(\$73.0)	See Explanation No.10
Chemicals	\$617.5	\$637.8	(\$20.3)	See Explanation No.10
Uncollectibles	\$356.6	\$354.7	\$1.9	Due to Revenue Requirement Changes
Other Operating & Maint.	\$2,503.8	\$2,471.4	\$32.4	See Explanation No. 5
Insurance	\$7.8	\$7.6	\$0.2	See Explanation No. 5
Pension & Benefits	\$233.4	\$289.2	(\$55.9)	Amount should be 292.6. Linking error
Outside Services	\$554.5	\$542.0	\$12.5	See Explanation No. 5
Other Admin & General	\$1,563.6	\$1,537.4	\$26.3	See Explanation No. 5
Rents	\$15.1	\$14.7	\$0.3	See Explanation No. 5
Subtotal	\$14,046.9	\$14,122.5	(\$75.6)	
Service Company	\$4,379.6	\$4,226.8	\$152.8	See Explanation No. 2, 3 & 4
California Corporate General Office	\$7,572.6	\$7,331.9	\$240.6	See Explanation No. 1, 2, & 8
Citizens Acquisition Premium	\$1,605.3	\$1,607.1	(\$1.8)	
Total Operating Expense	\$27,604.3	\$27,288.3	\$316.0	
Depreciation	\$7,959.2	\$7,959.2	\$0.0	
Ad Valorem Taxes	\$1,889.5	\$1,894.0	(\$4.5)	
Franchise Taxes	\$0.0	\$0.0	\$0.0	
Payroll Taxes	\$224.3	\$224.3	\$0.0	
Total Exp. Before Inc. Taxes	\$37,677.4	\$37,365.9	\$311.5	
Net Revenue Before Inc. Taxes	\$16,552.1	\$16,560.5	(\$8.4)	
State Income Taxes	\$972.9	\$973.8	(\$0.9)	
Federal Income Taxes	\$3,708.6	\$3,720.1	(\$11.5)	
Total Expenses	\$42,358.9	\$42,059.8	\$299.1	
Net Operating Revenue	\$11,870.6	\$11,866.6	\$4.0	
Rate Base	\$147,641.6	\$147,593.7	\$47.9	
Rate of Return	8.04%	8.04%	0.00%	

Additional Changes;

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE ADJUSTED AND FINAL INCOME STATEMENTS (000's)**

**FILED: UPDATE
EXHIBIT: A
CHAPTER: 12
TABLE: 12.2**

2012 Operating Results				
	As Filed In Adjusted/Update Application	As Filed In Final Application	Difference	Reason for Difference
Operating Revenues				
Water	\$54,330.5	\$54,229.5	\$101.0	
Operating Expenses				
Payroll	\$3,206.6	\$3,212.4	(\$5.8)	Northern Division allocation
Purchased Water	\$2,429.8	\$2,429.8	\$0.0	
Purchased Power	\$2,552.3	\$2,552.3	\$0.0	
Chemicals	\$617.5	\$617.5	\$0.0	
Uncollectibles	\$357.3	\$356.6	\$0.7	due to Revenue requirement change
Other Operating & Maint.	\$2,503.8	\$2,503.8	\$0.0	
Insurance	\$7.8	\$7.8	\$0.0	
Pension & Benefits	\$292.5	\$233.4	\$59.1	401k correction
Outside Services	\$554.5	\$554.5	\$0.0	
Other Admin & General	\$1,563.6	\$1,563.6	\$0.0	
Rents	\$15.1	\$15.1	\$0.0	
Subtotal	\$14,100.8	\$14,046.9	\$54.0	
Service Company	\$4,379.6	\$4,379.6	\$0.0	
California Corporate General Offic	\$7,614.7	\$7,572.6	\$42.1	Group Ins change offset by 401k & DCP
Citizens Acquisition Premium	\$1,605.3	\$1,605.3	\$0.0	
Total Operating Expense	\$27,700.4	\$27,604.3	\$96.1	
Depreciation	\$7,959.2	\$7,959.2	\$0.0	
Ad Valorem Taxes	\$1,889.5	\$1,889.5	\$0.0	
Franchise Taxes	\$0.0	\$0.0	\$0.0	
Payroll Taxes	\$224.3	\$224.3	(\$0.1)	see under payroll
Total Exp. Before Inc. Taxes	\$37,773.4	\$37,677.4	\$96.0	
Net Revenue Before Inc. Taxes	\$16,557.1	\$16,552.1	\$5.0	
State Income Taxes	\$973.3	\$972.9	\$0.4	
Federal Income Taxes	\$3,713.2	\$3,708.6	\$4.6	
Total Expenses	\$42,459.9	\$42,358.9	\$101.0	
Net Operating Revenue	\$11,870.6	\$11,870.6	(\$0.0)	
Rate Base	\$147,645.6	\$147,641.6	\$4.0	
Rate of Return	8.04%	8.04%	0.00%	

Additional Changes;

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE PROPOSED AND FINAL RATE BASE (000's)**

**FILED: UPDATE
EXHIBIT: A
CHAPTER: 12
TABLE: 12.3**

2012 Operating Results

	As Filed In Final Application	As Filed In Proposed Application	Difference	Reason for Difference
Weighted Average UPIS	\$284,571.8	\$284,571.8	\$0.0	
Add:				
Materials & Supplies	\$132.7	\$129.8	\$2.9	
Working Cash - Operational	\$556.3	\$556.3	\$0.0	
Working Cash - Lead Lag	\$2,991.0	\$2,946.0	\$45.0	Due to Operating Expense Changes
SUBTOTAL	\$288,251.8	\$288,203.9	\$47.9	
Deduct:			\$0.0	
Weighted Average Depreciation Reserve	(\$96,339.1)	(\$96,339.1)	\$0.0	
Advances for Construction	(\$11,055.0)	(\$11,055.0)	\$0.0	
Unamortized Advances	(\$10,607.3)	(\$10,607.3)	\$0.0	
Contributions	(\$14,220.5)	(\$14,220.5)	\$0.0	
Unamortized Contributions	(\$3,889.9)	(\$3,889.9)	\$0.0	
Deferred Federal Income Taxes	(\$3,504.3)	(\$3,504.3)	\$0.0	
Deferred State Income Taxes	(\$994.1)	(\$994.1)	\$0.0	
SUBTOTAL	(\$140,610.2)	(\$140,610.2)	\$0.0	
General Office Allocation	\$0.0	\$0.0	\$0.0	
Weighted Average Rate Base	\$147,641.6	\$147,593.7	\$47.9	

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE ADJUSTED AND FINAL RATE BASE (000's)**

**FILED: UPDATE
EXHIBIT: A
CHAPTER: 12
TABLE: 12.4**

2012 Operating Results

	As Filed In Adjusted/Update Application	As Filed In Final Application	Difference	Reason for Difference
Weighted Average UPIS	\$284,571.8	\$284,571.8	\$0.0	
Add:				
Materials & Supplies	\$132.7	\$132.7	\$0.0	
Working Cash - Operational	\$556.3	\$556.3	\$0.0	
Working Cash - Lead Lag	\$2,995.0	\$2,991.0	\$4.0	lag day change
SUBTOTAL	\$288,255.8	\$288,251.8	\$4.0	
Deduct:				
Weighted Average Depreciation Rese	-\$96,339.1	(\$96,339.1)	\$0.0	
Advances for Construction	-\$11,055.0	(\$11,055.0)	\$0.0	
Unamortized Advances	-\$10,607.3	(\$10,607.3)	\$0.0	
Contributions	-\$14,220.5	(\$14,220.5)	\$0.0	
Unamortized Contributions	-\$3,889.9	(\$3,889.9)	\$0.0	
Deferred Federal Inc Taxes	-\$3,504.3	(\$3,504.3)	\$0.0	
Deferred State Inc Taxes	-\$994.1	(\$994.1)	\$0.0	
SUBTOTAL	-\$140,610.2	(\$140,610.2)	\$0.0	
General Office Allocation	\$0.0	\$0.0	\$0.0	
Weighted Average Rate Base	\$147,645.6	\$147,641.6	\$4.0	

**SAN DIEGO
COUNTY DISTRICT**

CALIFORNIA AMERICAN WATER

2010 GENERAL RATE CASE

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EXHIBIT A

SAN DIEGO COUNTY (CORONADO) DISTRICT

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DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This section contains information regarding the corporate and operating history of the San Diego (Coronado) District of California American Water. This information will enable the CPUC and parties reviewing the GRC application to understand the development of the district, the unique nature of the service territory and other issues faced by the district throughout its history that have shaped the present operation.

OVERVIEW OF THE SAN DIEGO (CORONADO) DISTRICT OPERATION

This section discusses the present day-to-day operation of the San Diego (Coronado) District of California American Water. Also discussed are issues that are being addressed by the district in order to continue to provide quality service to the customers it serves. This information will assist the CPUC and parties reviewing the GRC application in understanding issues faced by the district on a daily basis as they consider whether the revenue requirements proposed by California American Water for 2008, 2009 and 2010 are adequate to continue to address daily service issues.

HISTORY OF THE SAN DIEGO (CORONADO) DISTRICT OPERATION

The San Diego (Coronado) District of California American Water was incorporated on July 14, 1886 as the Coronado Water Company ("Company"). The principal purpose in forming the Company was to supply water to the owners, inhabitants and the public on land that is known today as the City of Coronado.

In 1886, water was delivered to San Diego (Coronado) by way of an 8" trans-bay pipeline that extended from San Diego to Coronado. In 1889, the Company developed its own source of supply (wells) in the lower end of Otay Valley. That area is now known as South San Diego. Water from those wells was transported into San Diego (Coronado) through what is now known as Imperial Beach along a narrow sliver of land called the Silver Strand.

That well field was the sole source of supply to San Diego (Coronado) until 1908 when the Southern California Mountain Water Company ("Mountain") began supplying water to San Diego (Coronado) from the Lower Otay Reservoir located in the eastern foothills. Mountain was a water supplier to the City of San Diego and the stockholders and officers were fairly identical to those of the Company. Water from the Otay Reservoir flowed into the transmission system of the Coronado Water Company through Mountain's newly constructed Otay-Coronado pipeline. The Otay wells were closed in 1908 and used only as an emergency backup until 1916.

By 1912, the City of San Diego was actively seeking the purchase of all the reservoirs and transmission facilities for Mountain. One of those reservoirs, called the Lower Otay Reservoir was the major source of water supply for the Company. During the early part of 1912 the Company and Mountain entered into an agreement which obligated Mountain to sell as much water to the Company as was needed to provide service to its customers. During the later part of 1912, the City of San Diego purchased the holdings of Mountain and accepted the obligation to provide water to the Company under the terms of the agreement.

In 1916, a catastrophic flood destroyed the Lower Otay Dam. The resulting floodwaters rendered the Otay Well useless and the Company lost a source of water for emergency use. To secure a reliable source of water, one of the former wells was rehabilitated and the 8" trans-bay pipeline was placed back into service. As a result of this action, some four months after the flood, a reliable source of water to meet the demands of the customers of the Company was in place.

To further improve the source of reliable water supply, another well was rehabilitated. However, by 1921 the wells were shut down because of poor water quality and a reduced water table. More wells were eventually placed into service during the 1940's and 1950's, but were abandoned by 1973 as a result of poor water quality.

In 1936, the Company was sold to California Water and Telephone. The basic 1912 contract between the Company and Mountain regarding water supplies was adjusted on numerous occasions until 1960. At that time, the California Water and Telephone Company entered into a more comprehensive agreement with the City of San Diego. That agreement was also subsequently amended on nine occasions. In 1966, California Water and Telephone sold the assets it purchased from the Company to American Water Works Company, Inc. ("American Water"). The San Diego (Coronado) service area then became part of a wholly-owned subsidiary of American Water, the California American Water Company.

Currently, all of the water required to meet the demands of the customers of the San Diego (Coronado) District of California American Water is purchased from the City of San Diego. That water is delivered at four separate locations. The former 8" trans-bay pipeline was used until 1969 until it was replaced with a new 24" pipeline required to meet the growing water demands of the service area.

PRESENT OPERATIONS OF THE SAN DIEGO (CORONADO) DISTRICT

District Operations and Personnel

The San Diego (Coronado) District office is located in Imperial Beach. This location is approximately the geographical center of the service area. The District has 21 employees,

consisting of 1 Operations Manager, 1 Operations Supervisor, 2 Administrative Assistants and 1 Operations Specialist.

Of the remaining 15 employees, 1 employee provides direct customer service, 2 employees are meter readers and the remaining 12 employees maintain and make capital improvements to the District assets. No additional employee was hired in to accommodate the additional responsibilities for operating the Decanso Community Water District.

The District performs virtually all of its own capital work, including the installation and replacement of services meters and mains.

Service Areas

The District serve the Cities of Coronado and Imperial Beach, a portion of the City of San Diego that lies south of San Diego Bay and a small area of South Chula Vista that is located in the County of San Diego. The map of the service area and system schematic are provided in the Master Data Request filed as part of this application.

Source of Water Supply

All water supplied to customers of the San Diego (Coronado) District is purchased from the City of San Diego. By contract agreement, California American Water has the right to purchase from the City of San Diego, all of the potable water required to meet the needs of those customers. Water supply obligations documented in the original contract between the Coronado Water Company and Southern California Mountain Water Company were assumed by the City of San Diego when it purchased virtually all of the assets of Southern California Mountain Water Company during the latter portion of 1912.

The original agreement was amended in 1960 after the California Water and Telephone Company purchased the Coronado Water Company. California Water and Telephone Company and the City of San Diego entered into a new agreement that was approved by the CPUC in Decision No. 61519 dated February 14, 1961 (A-42610). That agreement was subsequently amended by the parties on August 16, 1966; December 29 1970; May 30, 1972; June 2, 1976; January 5 1981; January 17, 1989; March 18, 1995, December 23, 1998. A new agreement between the City of San Diego and The California American Water Company was signed on May 11, 2004. That agreement was amended on September 10, 2004.

California American Water also has entered into three (3) agreements with the following systems regarding water supplies for its San Diego (Coronado) District under emergency conditions:

Otay Water District

Under the terms of the agreement dated June 10, 1983 and modified on December 30, 2008. In the event of an emergency, as described in Section 1(a), and when requested by either Otay or CAW pursuant to the terms of this Agreement, the supplying party shall supply treated water through its facilities to the interconnection. The requesting party shall use its best efforts to provide at least 24 hours advance written notice to the supplying party of the nature of the emergency and the need for water. The supplying party shall operate the interconnection and use good faith efforts to provide the requesting party with water (if available in accordance with Section 2) within the time frame requested., This agreement is contingent upon the availability of a sufficient surplus of water that is in excess of the amount of necessary to meet the demand of the supplying party's system.. The cost of the water delivered through the emergency interconnection shall be the supplying party's treated water rate in effect at the time of delivery. California American Water has purchased water from the Otay Water District on seven (7) different occasions during the past six (6) years. The total water purchased was 18,445,000 gallons.

Sweetwater Authority

Under the terms of the agreement dated November 30, 1983, the Sweetwater Authority will deliver water to the San Diego (Coronado) District of California American Water for emergency domestic and fire protection use for a period not to exceed 90 days in any calendar year. The agreement is contingent upon the availability of a sufficient surplus of water within the Sweetwater Authority system to meet the needs of its customers. The water purchased under this agreement will be priced at the then-existing commodity rate of the Sweetwater Authority. California American Water has purchased water from the Sweetwater Authority on five (5) different occasions during the past six (6) years. The total water purchased was 23,129,000 gallons.

United States Navy

Under the terms of the agreement dated June 1, 1979, California American Water and/or the United States Navy will deliver water to the other party for emergency use. The water purchased under this agreement will be priced at the then-existing commodity rate of the party providing the water and an appropriate and mutually agreed time will be set by the parties for

continued purchases. The party purchasing the water shall return an equal amount of water to the provider of the water through the emergency connection. The terms of the agreement are contingent upon the availability of a sufficient surplus of water with the water system of the party obligated to provide water. The San Diego (Coronado) District of California American Water has purchased water through this emergency connection on five (5) different occasions during the past six (6) years. The total water purchased was 2,068,000 gallons.

Water Quality Issues

During the period 2007 through 2009, the San Diego (Coronado) District did not exceed any drinking water standards established by the California Title 22 Regulations. No violations or citations of non-compliance were issued from the CDPH during this time period.

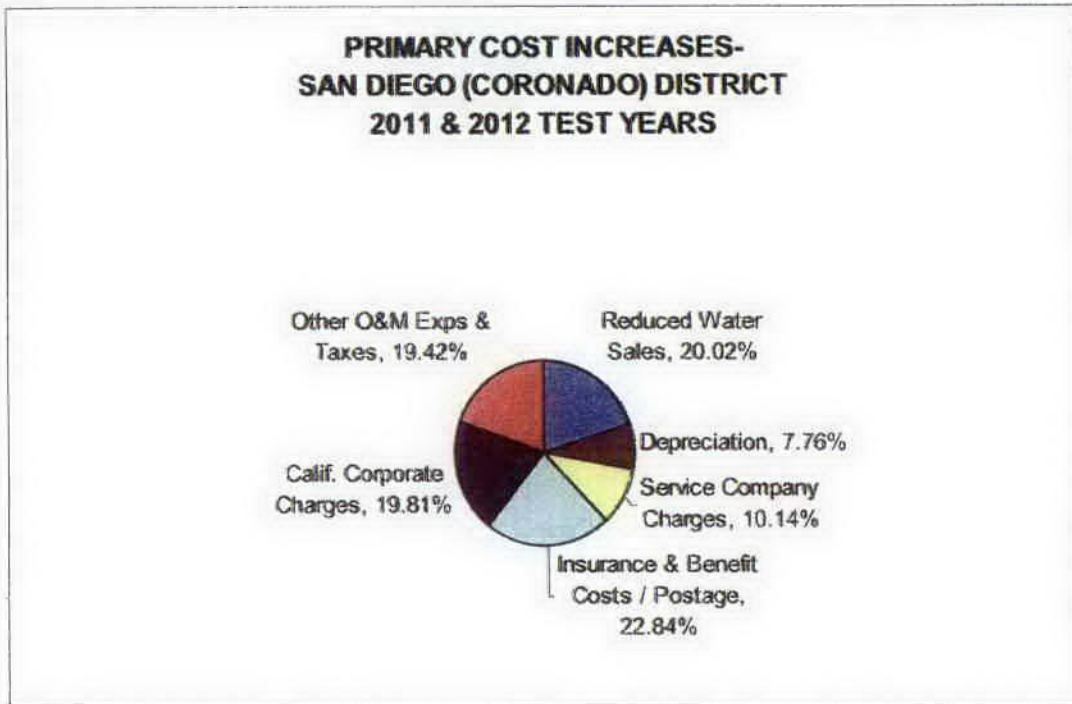
During those same years, California American Water furnished consumer confidence reports ("CCR's") to the District's customers. Copies of these reports are included with this portion of the District's application. These reports demonstrate the detail of information provided to customers regarding this critical aspect of California American Water's business.

Water Supply

The water supply for customers in the San Diego (Coronado) District service area is entirely purchased from other suppliers. The primary supplier is the City of San Diego. Emergency interconnections have been made with Otay Municipal District, the Sweetwater Authority and the North Island Naval Air Base. The City of San Diego purchases approximately 80 percent of its raw water supply from the San Diego County Water Authority ("SDCWA") and meets the remainder of its needs from its own reservoir system. Since SDCWA owns only transmission facilities, it purchases its water supply from the Metropolitan Water District ("MWD"). MWD imports water from the Colorado River and the State Water Project from northern California.

OVERVIEW OF THE SAN DIEGO (CORONADO) DISTRICT GRC APPLICATION

The chart below shows the percentage portion of the requested revenue requirement increase by primary cost component:



The chart below shows the percentage of the revenue requirement increase attributable to previously authorized increases by the CPUC, pending matters by the CPUC, if any, and the remaining portion being requested in the current application.

Previously authorized increases by the CPUC can include prior GRC step increases, balancing accounts for purchased water and power, capital project advice letters and memorandum accounts.

**BREAKDOWN OF REVENUE REQUIREMENT INCREASE-
SAN DIEGO (CORONADO) DISTRICT
2011 & 2012 TEST YEARS**



Remaining
Projects & O&M
requests,
100.00%

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

Information in this chapter contains tables that summarize earnings information and calculations at present and proposed rates presented as follows:

Table 2.1 – Comparative Summary of Earnings

This table contains a detailed summary of earnings for the 2012 Test Year at present and proposed rates as filed by California American Water. The table also contains columns for the inclusion and comparison of a detailed summary of earnings for the 2012 Test Year at present and proposed rates that will be filed by the Division of Ratepayer Advocates (DRA) during the processing of the application. For further comparison, the table contains a column for details of the summary of earnings for the 2012 Test Year adopted by the CPUC in its final decision regarding this application.

Table 2.2 – Summary of Earnings at Proposed Rates

This table contains a detailed summary of earnings for 2011 and 2012 Test Years, 2013 Escalation Year and 2014 Attrition Year at Proposed rates as filed by California American Water in this application.

Table 2.3 – Summary of Earnings at Present Rates

This table contains a detailed summary of earnings for the recorded years 2005-2009, Estimated Years 2010 and 2011, Test Year 2012, Escalation Year 2013, Attrition Year 2014 and adopted amounts from the most recent rate case filed by California American Water at present and proposed rates.

Table 2.4 – Summary of Revenue Requirement Calculation

This table contains calculations of revenue requirements for 2011 and 2012 Test Years, 2013 Escalation Year and 2014 Attrition Year based on financial information presented by California American Water in this application.

**CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE SUMMARY OF EARNINGS
FOR TEST YEAR AT PRESENT AND PROPOSED RATES
IN THOUSANDS 000s**

FILED:	UPDATE
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	<u>At Present Rates</u>		<u>At Proposed Rates</u>		<u>Adopted Rates</u>
	<u>CAW</u>	<u>DRA</u>	<u>CAW</u>	<u>DRA</u>	<u>CPUC</u>
Operating Revenues					
Water	\$19,389.5	\$0.0	\$21,425.2	\$0.0	\$0.0
Operating Expenses					
Payroll	\$1,286.4	\$0.0	\$1,286.4	\$0.0	\$0.0
Purchased Water	\$11,260.8	\$0.0	\$11,260.8	\$0.0	\$0.0
Purchased Power	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Chemicals	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Uncollectibles	\$127.3	\$0.0	\$140.7	\$0.0	\$0.0
Other Operating & Maint.	\$308.8	\$0.0	\$308.8	\$0.0	\$0.0
Insurance	\$0.5	\$0.0	\$0.5	\$0.0	\$0.0
Pension & Benefits	\$75.6	\$0.0	\$75.6	\$0.0	\$0.0
Outside Services	\$39.7	\$0.0	\$39.7	\$0.0	\$0.0
Other Admin & General	\$368.6	\$0.0	\$368.6	\$0.0	\$0.0
Rents	\$48.0	\$0.0	\$48.0	\$0.0	\$0.0
Subtotal	\$13,515.8	\$0.0	\$13,529.2	\$0.0	\$0.0
Service Company	\$1,594.4	\$0.0	\$1,594.4	\$0.0	\$0.0
California Corporate General Of	\$2,923.2	\$0.0	\$2,923.2	\$0.0	\$0.0
Citizens Acquisition Premium	\$458.9	\$0.0	\$458.9	\$0.0	\$0.0
Total Operating Expense	\$18,492.4	\$0.0	\$18,505.7	\$0.0	\$0.0
Depreciation	\$980.0	\$0.0	\$980.0	\$0.0	\$0.0
Ad Valorem Taxes	\$149.1	\$0.0	\$149.1	\$0.0	\$0.0
Payroll Taxes	\$93.4	\$0.0	\$93.4	\$0.0	\$0.0
Total Exp. Before Inc. Taxes	\$19,714.9	\$0.0	\$19,728.3	\$0.0	\$0.0
Net Revenue Before Inc. Taxes	-\$325.4	\$0.0	\$1,696.9	\$0.0	\$0.0
State Income Taxes	(\$81.1)	\$0.0	\$97.7	\$0.0	\$0.0
Federal Income Taxes	(\$355.9)	\$0.0	\$352.0	\$0.0	\$0.0
Total Expenses	\$19,277.9	\$0.0	\$20,178.0	\$0.0	\$0.0
Net Operating Revenue	\$111.5	\$0.0	\$1,247.2	\$0.0	\$0.0
Rate Base	\$15,512.4	\$0.0	\$15,512.4	\$0.0	\$0.0
Rate of Return	0.72%	0.00%	8.04%	0.00%	0.00%

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
SUMMARY OF EARNINGS AT PROPOSED RATES
IN THOUSANDS 000s

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	Test Year 2011	Test Year 2012	Escalation Year 2013	Attrition Year 2014	
Operating Revenues	\$19,379.4	\$21,425.2	\$22,338.3	\$22,999.3	Table 2.4
Operating Expenses					
Payroll	\$1,156.7	\$1,286.4	\$1,327.5	\$1,372.7	Table 2.3
Purchased Water	\$11,258.7	\$11,260.8	\$11,610.0	\$11,610.0	Table 2.3
Purchased Power	\$0.0	\$0.0	\$0.0	\$0.0	Table 2.3
Chemicals	\$0.0	\$0.0	\$0.0	\$0.0	Table 2.3
Uncollectibles	\$127.3	\$140.7	\$146.7	\$151.0	Calculated
Other Operating & Maintenance	\$157.5	\$308.8	\$315.0	\$324.8	Table 2.3
Insurance	\$0.4	\$0.5	\$0.5	\$0.5	Table 2.3
Pensions & Benefits	\$65.1	\$75.6	\$78.0	\$80.7	Table 2.3
Outside Services	\$38.5	\$39.7	\$41.0	\$42.0	Table 2.3
Other Admin & General	\$346.6	\$368.6	\$380.1	\$391.9	Table 2.3
Rents	\$46.6	\$48.0	\$49.5	\$50.8	Table 2.3
Subtotal	\$13,197.3	\$13,529.2	\$13,948.4	\$14,024.3	
Service Company	\$1,214.8	\$1,594.4	\$1,650.3	\$1,701.5	Table 2.3
California Corporate General Office	\$1,713.8	\$2,923.2	\$2,900.7	\$2,990.6	Table 2.3
Citizen Acquisition Premium	\$474.1	\$458.9	\$443.6	\$443.6	Table 2.3
Total Operating Expense	\$16,600.0	\$18,505.7	\$18,943.0	\$19,160.0	
Depreciation	\$872.0	\$980.0	\$1,075.6	\$1,171.2	Table 2.3
Ad Valorem Taxes	\$145.6	\$149.1	\$198.1	\$229.1	Table 2.3
Payroll Taxes	\$84.7	\$93.4	\$96.3	\$99.6	Table 2.3
Total Expense Before Income Taxes	\$17,702.2	\$19,728.3	\$20,313.0	\$20,659.9	
Net Revenue Before Income Taxes	\$1,677.2	\$1,696.9	\$2,025.3	\$2,339.4	
State Income Taxes	\$100.5	\$97.7	\$117.2	\$135.4	Chap 6 Table 6.2
Federal Income Taxes	\$439.5	\$352.0	\$430.2	\$495.6	Chap 6 Table 6.2
Total Expenses	\$18,242.3	\$20,178.0	\$20,860.5	\$21,290.9	
Net Operating Revenues	\$1,137.2	\$1,247.2	\$1,477.9	\$1,708.4	
AVERAGE RATE BASE	\$14,144.3	\$15,512.4	\$18,380.9	\$21,249.4	Table 2.3
RATE OF RETURN	8.04%	8.04%	8.04%	8.04%	

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
SUMMARY OF EARNINGS AT PRESENT RATES
IN THOUSANDS 000s

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	Recorded Year 2005	Recorded Year 2006	Recorded Year 2007	Recorded Year 2008	Recorded Year 2009
Operating Revenues	\$14,122.8	\$15,412.0	\$16,605.1	\$15,601.6	\$17,426.1
Operating Expenses					
Payroll	\$878.5	\$1,032.0	\$1,059.4	\$1,122.9	\$1,121.8
Purchased Water	\$10,015.3	\$10,034.7	\$10,096.6	\$9,930.5	\$10,285.7
Purchased Power	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Chemicals	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Uncollectibles	\$92.7	\$101.2	\$109.0	\$102.4	\$114.4
Other Operating & Maintenance	\$171.5	\$151.8	\$137.4	\$155.2	\$123.0
Insurance	\$0.4	\$0.4	\$0.4	\$0.4	\$0.4
Other Welfare	\$64.4	\$57.9	\$49.9	\$50.5	\$40.2
Outside Services	\$73.9	\$19.6	\$14.4	\$37.7	\$32.2
Other Admin & General	\$218.0	\$509.4	\$202.5	\$232.8	\$215.1
Rents	\$37.6	\$37.1	\$36.4	\$40.9	\$43.3
Subtotal	\$11,552.6	\$11,944.0	\$11,706.1	\$11,673.3	\$11,976.1
Service Company	\$1,347.1	\$1,787.7	\$1,643.3	\$1,518.9	\$1,423.5
California Corporate General Office	\$765.1	\$903.1	\$1,081.9	\$1,633.6	\$1,888.2
Citizens Acquisition Premium	\$449.4	\$437.1	\$444.5	\$509.2	\$493.8
Total Operating Expense	\$14,114.1	\$15,071.9	\$14,875.8	\$15,334.9	\$15,781.6
Depreciation	\$512.2	\$412.5	\$471.8	\$603.5	\$598.4
Ad Valorem Taxes	\$107.7	\$109.5	\$113.6	\$116.3	\$114.6
Payroll Taxes	\$64.2	\$75.4	\$77.4	\$82.0	\$81.9
Total Expense Before Income Taxes	\$14,798.2	\$15,669.4	\$15,538.6	\$16,136.7	\$16,576.5
Net Revenue Before Income Taxes	-\$675.4	-\$257.3	\$1,066.5	-\$535.1	\$849.6
State Income Taxes	-\$95.2	-\$60.0	\$59.5	-\$85.8	\$34.9
Federal Income Taxes	-\$343.6	-\$204.4	\$256.6	-\$360.4	\$168.1
Total Expenses	\$14,359.4	\$15,405.0	\$15,854.7	\$15,690.5	\$16,779.5
Net Operating Revenues	-\$236.6	\$7.1	\$750.4	-\$88.9	\$646.6
AVERAGE RATE BASE	\$11,149.5	\$11,227.3	\$10,468.9	\$11,584.0	\$12,116.9
RATE OF RETURN	-2.12%	0.06%	7.17%	-0.77%	5.34%

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
SUMMARY OF EARNINGS AT PRESENT RATES
IN THOUSANDS 000s

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Estimated Year 2010	Estimated Year 2011	Test Year 2012 @ 2011 Rates	Escalation Year 2013 @ 2012 Rates	Attrition Year 2014	2010 Adopted Per GO Petition to Modify	Reference
\$17,444.3	\$17,452.7	\$19,389.5	\$21,436.1	\$22,349.3	\$20,118.3	Chap 3, Tables 3.17 & 18
\$1,046.1	\$1,156.7	\$1,286.4	\$1,327.5	\$1,372.7	\$1,160.9	Chap. 4 Tables 4 1
\$11,256.5	\$11,258.7	\$11,260.8	\$11,610.0	\$11,610.0	\$13,130.9	Chap. 4 Tables 4 1
\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	Chap. 4 Tables 4.1
\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	Chap. 4 Tables 4.1
\$114.5	\$114.6	\$127.3	\$141.0	\$147.0	\$51.9	Chap. 4 Tables 4.1
\$153.5	\$157.5	\$308.8	\$315.0	\$324.8	\$221.2	Chap. 4 Tables 4.1
\$0.4	\$0.4	\$0.5	\$0.5	\$0.5	\$47.5	Chap. 4 Tables 4.5
\$61.1	\$65.1	\$75.6	\$78.0	\$80.7	\$380.0	Chap 4 Tables 4.5
\$37.3	\$38.5	\$39.7	\$41.0	\$42.0	\$0.0	Chap. 4 Tables 4 5
\$338.3	\$346.6	\$368.6	\$380.1	\$391.9	\$364.6	Chap 4 Tables 4 5
\$45.1	\$46.6	\$48.0	\$49.5	\$50.8	\$35.7	Chap 4 Tables 4 5
\$13,053.0	\$13,184.7	\$13,515.8	\$13,942.6	\$14,020.2	\$15,392.7	
\$1,467.2	\$1,214.8	\$1,594.4	\$1,650.3	\$1,701.5	\$1,790.1	Chap 4 Tables 4 1
\$2,216.7	\$1,713.8	\$2,923.2	\$2,900.7	\$2,990.6	\$0.0	Chap. 4 Tables 4.1
\$489.4	\$474.1	\$458.9	\$443.6	\$443.6	\$506.0	Chap 4 Tables 4 1
\$17,226.2	\$16,587.4	\$18,492.4	\$18,937.2	\$19,156.0	\$17,688.8	Calculated
\$834.9	\$872.0	\$980.0	\$1,075.6	\$1,171.2	\$666.5	Chap 8 Table 8.4
\$144.9	\$145.6	\$149.1	\$198.1	\$229.1	\$118.5	Chap 5 Table 5.2
\$76.3	\$84.7	\$93.4	\$96.3	\$99.6	\$78.2	Chap 5 Table 5 1
\$18,282.3	\$17,689.6	\$19,714.9	\$20,307.3	\$20,655.8	\$18,552.0	Calculated
-\$837.9	-\$236.8	-\$325.4	\$1,128.8	\$1,693.5	\$1,566.3	Calculated
-\$117.9	-\$68.7	-\$81.1	\$37.9	\$78.3	\$77.3	Chap Chap 6 Table 6 1 & Calculated
-\$479.0	-\$230.4	-\$355.9	\$116.4	\$269.5	\$328.3	Chap Chap 6 Table 6 1 & Calculated
\$17,685.4	\$17,390.5	\$19,277.9	\$20,461.6	\$21,003.7	\$18,957.6	Calculated
-\$241.0	\$62.2	\$111.5	\$974.5	\$1,345.6	\$1,160.7	Calculated
\$13,193.1	\$14,144.3	\$15,512.4	\$18,380.9	\$21,249.4	\$14,444.8	Chap 9, Table 9.1 & 9 2
-1.83%	0.44%	0.72%	5 30%	6.33%	8.04%	Calculated

**CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
SUMMARY OF REVENUE REQUIREMENT CALCULATION
IN THOUSANDS 000s**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	2
TABLE:	2.4

<u>REVENUE REQUIREMENTS</u>					
	TEST YEAR 2011	TEST YEAR 2012	ESCALATION YEAR 2013	Attrition Year 2014	Reference
WEIGHTED AVERAGE RATE BASE	\$14,144.3	\$15,512.4	\$18,380.9	\$21,249.4	Tables 2 2 & 2.3
RATE OF RETURN REQUESTED	8.04%	8.04%	8.04%	8.04%	Exhibit C, Table C-1
UTILITY OPERATING INCOME REQUIRED	\$1,137.2	\$1,247.2	\$1,477.8	\$1,708.5	Calculated
AT PRESENT RATES	\$62.2	\$111.5	\$974.5	\$1,345.6	Table 2 3
ADDITIONAL	\$1,075.0	\$1,135.7	\$503.3	\$362.8	Calculated
NET-TO-GROSS MULTIPLIER	1.79229	1.79249	1.79250	1.79158	Calculated
GROSS REVENUES					
ADDITIONAL REQUIRED	\$1,926.7	\$2,035.7	\$902.2	\$650.0	Calculated
AT PRESENT RATES	\$17,452.7	\$19,389.5	\$21,436.1	\$22,349.3	Table 2 3
TOTAL	\$19,379.4	\$21,425.2	\$22,338.3	\$22,999.3	Calculated
PERCENT INCREASE (ANNUALLY)	11.04%	10.50%	4.21%	2.91%	Calculated
<u>NET-TO-GROSS MULTIPLIER</u>					
The items of expense enumerated below increase in direct proportion to any increase in gross revenues. The net-to-gross multiplier applicable to the estimated years is as follows:					
County Franchise Tax		0.000%			
Uncollectible Accounts		0.6567%			
State Corporate Franchise Tax		8.84%			
Federal Income Tax		35.00%			

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

Information in this chapter contains tables used to forecast customers, water sales and operating revenues as filed by California American Water in this application and is presented as follows:

Table 3.1 through Table 3.6

These tables contain information regarding projections of the number of customers for the San Diego County (Coronado) District of California American Water presented in this application. The number of customers forecasted to be served by the district during 2011, 2012 and 2013 was determined by using a five year historical average.

Table 3.7 through 3.15

These tables contain water sales and water production information for the San Diego County (Coronado) District of California American Water as filed in this application. Water sales forecasted in these tables were applied to the forecasted number of customers to project operating revenues.

Consumption estimates for the San Diego County (Coronado) District were derived from analysis of several sources of information depending upon the circumstances. 2009 actual consumption was used for all customer classifications.

Total water sales for the Base Year of 2011, Test Year 2012 and Escalation Year 2013 were calculated by multiplying the projected number of average customers per classification by the projected annual average consumption per customer per classification.

Table 3.16 through 3.22

These tables contain operating revenue information for the San Diego County (Coronado) District of California American Water presented in this application.

Revenues at present rates for the 2011 Base Year and the 2012 Test Year result from application of the proposed general water standard service rates for the San Diego County (Coronado) District to forecasted customers and sales presented in this Chapter and rates

currently in effect. Revenues at present rates for the 2012 Test Year and 2013 Escalation Year were determined by application of the general water service rates California American Water proposes to implement on January 1 of each preceding year to the customers and sales forecasted for each of those years.

Revenues at proposed rates for 2012 and 2013 are presented under the PUC standard rate design as described in Standard Practice U-07-W. The revenues result from applying the overall proposed increase as determined in the revenue requirement to all of the present rates from the preceding year.

Miscellaneous Service revenues for the 2012 Test Year were forecasted based on a five-year historical average from 2005 through 2009, excluding temporary surcharges and PUC fees. This presentation does not reflect any effects from surcharges requested in this application.

Method 5 Amortization revenue is based on the amortization of deferred Contribution in Aid of Construction revenues from Table 9.7.

The Low Income Discount revenues are based on the application of the current discount rate to the forecasted number of low income customers.

CALIFORNIA AMERICAN WATER
 SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
 WATER PRODUCTION (KCCF)
 RECORDED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.13

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	Metered Sales	5,431.8	5,761.6	5,699.6	5,354.0	4,839.8	Table 3.10
2.	Total Consumption	5,431.8	5,761.6	5,699.6	5,354.0	4,839.8	Ln 1 + Ln 2
3.	Non Revenue	97.0	118.3	-51.9	96.7	210.4	Ln 4 - Ln 2
4.	Total Water Requirement	5,528.8	5,879.9	5,647.7	5,450.7	5,050.2	Ln 2 + Ln 3
5.	Equivalent Acre Feet	12,692.5	13,498.4	12,965.2	12,513.1	11,593.7	Conversion: 435.6 CCF = 1 AF
6.	Total Water Requirement in CCF	5,528,844	5,879,919	5,647,657	5,450,688	5,050,209	Line 5 x 1,000

CALIFORNIA AMERICAN WATER
 SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
 WATER PRODUCTION (KCCF)
 AUTHORIZED AND PROPOSED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.14

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	PROPOSED TEST YEAR	ESCALATION YEAR	Reference
		2008	2010	2011	2012	2013	
1.	Metered Sales	5,808.3	4,878.0	4,879.0	4,880.0	4,881.0	Table 3.11
2.	Total Consumption	5,808.3	4,878.0	4,879.0	4,880.0	4,881.0	Ln 1 + Ln 2
3.	Non Revenue	39.7	215.4	215.4	215.4	215.4	MDR IIE2
4.	Total Water Requirement	5,848.0	5,093.4	5,094.4	5,095.4	5,096.4	Ln 3 + Ln 4
5.	Equivalent Acre Feet	13,425.2	11,692.9	11,695.2	11,697.4	11,699.7	Conversion: 435.6 CCF = 1 AF
6.	Total Water Requirement in CCF	5,848,002	5,093,436	5,094,415	5,095,393	5,096,372	Line 5 x 1,000

CALIFORNIA AMERICAN WATER
 SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
 WATER PRODUCTION (KCCF)
 CALCULATION OF PERCENT OF INCREASE

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.15

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2010/Last Authorized 2008)-1	=(Test Yr 2012/Est 2011)-1
1.	Metered Sales	N/A	6.07%	-1.08%	-6.06%	-9.60%	-16.02%	0.02%
2.	Computed Flat Rate Sales	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3.	Total Consumption	N/A	6.07%	-1.08%	-6.06%	-9.60%	-16.02%	0.02%
4.	Unaccounted For Water Est. at	N/A	21.92%	-143.90%	-286.17%	117.68%	442.59%	0.00%
5.	Total Water Requirement	N/A	6.35%	-3.95%	-3.49%	-7.35%	-12.90%	0.02%
6.	Equivalent Acre Feet	N/A	6.35%	-3.95%	-3.49%	-7.35%	-12.90%	0.02%

CALIFORNIA AMERICAN WATER
SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
COMPARISON OF REVENUES AT PRESENT AND PROPOSED RATES

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.16

1 TEST YEAR 2012

	REVENUE		REVENUE		
	Present	Proposed	Proposed vs.	Proposed vs.	
	Rates	Rates	Present Rates	Present Rates	
	Dollars	Dollars	(\$)	(%)	
			Increase	Increase	
2					
3.					
4.					
5.					
6					
				Reference:	
	<u>Customer Class</u>				
7.	Residential	10,156,032	11,319,743	1,163,711	11.46% Table 3.18
8.	Commercial	6,561,784	7,188,820	627,036	9.56% for revenues @ present rates
9.	Public Authority	2,403,527	2,622,118	218,591	9.09%
10	Other	106,658	119,909	13,252	12.42%
11.	Irrigation	0	0	0	0.00% Table 3 21
12.	Private Fire Service	128,701	142,213	13,512	10.50%
13	Miscellaneous	0	0	0	0.00%
14.	TOTAL BILLED RATES	19,356,702	21,392,803	2,036,101	10.52%

15. ESCALATION YEAR 2013

16.	<u>Customer Class</u>				
17.	Residential	11,319,743	11,863,150	543,407	4.80% Table 3 18
18.	Commercial	7,188,820	7,449,179	260,359	3.62% for revenues @ present rates
19.	Public Authority	2,622,118	2,709,420	87,302	3.33%
20.	Other	125,505	132,301	6,796	5.41%
21	Irrigation	0	0	0	0.00% Table 3 21
22.	Private Fire Service	148,782	155,043	6,262	4.21%
24	Miscellaneous	0	0	0	0.00%
25	TOTAL BILLED RATES	21,404,968	22,309,093	904,126	4.22%

CALIFORNIA AMERICAN WATER
SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PRESENT RATES (\$) **RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.17

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1	GENERAL METERED						
2.	Residential	7,050,657	7,459,265	8,332,109	7,875,408	8,805,339	
3.	Commercial	4,682,080	4,988,458	5,226,031	4,970,138	5,666,860	
4.	Public Authority	2,004,944	2,186,038	2,597,328	2,272,967	2,171,291	
5.	Other	69,253	96,105	85,256	60,849	69,796	
6.	Irrigation	0	0	0	0	0	
7.	GENERAL METERED	13,806,934	14,729,866	16,240,723	15,179,362	16,713,286	
8.	OTHER						
9.	Private Fire Service	85,518	83,886	88,735	94,146	93,285	
10.							
11.	TOTAL REVENUES	13,892,452	14,813,752	16,329,458	15,273,508	16,806,570	
12.	Deferred Contribution Rev (Method 5)	704	128	735	216	102	
13.	Misc. Service Revenues	(2,323)	7,615	8,015	17,519	17,510	
14.	WRAM and Water/Power Bal Accts	217,596	571,006	235,931	228,029	438,827	
15.	Low Income Discount	0	0			1,697	
16.	Conservation Surcharge	0	0	0	49,412	125,439	
17.	Contract Revenue (10%)	14,400	14,400	14,400	16,369	19,436	
18.	Antenna Lease (30%)	0	5,117	16,560	16,560	16,560	
19	TOTAL	14,122,829	15,412,019	16,605,099	15,601,612	17,426,141	
20	Revenues Per Avg Customer	678	740	799	751	837	Ln 19 / Table 3.4, Ln 21

NOTE: HISTORICAL EXCLUDES PUC FEE REIMBURSEMENT AMOUNTS

CALIFORNIA AMERICAN WATER
SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PRESENT RATES (\$)
AUTHORIZED AND PROPOSED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.18

Line No	Description	LAST AUTHORIZED Advice	ESTIMATED	Proposed Test Year	Proposed Test Year	Escalation Year	Reference
		Letter 822 Step	2010	2011	2012	2013	
1	GENERAL METERED						
2	Residential	10,445,860	9,151,594	9,151,594	10,156,032	11,319,743	REV 200
3	Commercial	6,567,632	5,903,013	5,903,013	6,561,784	7,188,820	Workpaper REV 200
4	Public Authority	2,733,239	2,161,353	2,161,353	2,403,527	2,622,118	REV 200
5	Other	136,294	87,298	91,744	106,658	125,505	REV 200
6	Irrigation	0	-				
7	GENERAL METERED	19,883,025	17,303,259	17,307,705	19,228,001	21,256,186	Ln 2 thru Ln 7
8	OTHER						
9	Private Fire Service	108,175	105,199	110,552	128,701	148,782	REV 200
10							
11	TOTAL BILLED REVENUES	19,991,200	17,408,458	17,418,257	19,356,702	21,404,968	Ln 8 thru Ln 13
12	Deferred Contribution Rev	0	4,634	5,234	5,834	6,534	Exh A, Table 9 7
13	Misc. Service Revenues	5,100	9,667	9,667	9,667	9,667	5 YR AVG 2005-2009
14	WRAM and Water/Power Bal Accts						
15	Low Income Discount		(15,048)	(17,358)	(19,668)	(21,978)	
14	Conservation Surcharge						
15	Contract Revenue (10%)	14,400	20,068	20,389	20,389	20,389	
16	Antenna Lease (30%)	5,500	16,560	16,560	16,560	16,560	
17	TOTAL	20,016,200	17,444,339	17,452,749	19,389,484	21,436,140	Ln 14 thru Ln 18 Ln 19 /
18	Revenues Per Avg Customer	953	836	836	928	1,026	Table 3 5, Ln 21

CALIFORNIA AMERICAN WATER
SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PRESENT RATES (\$)
CALCULATION OF PERCENT OF INCREASE

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.19

Line No	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006 =(Recorded 2006/Recorded 2005)-1	2007 =(Recorded 2007/Recorded 2006)-1	2008 =(Recorded 2008/Recorded 2007)-1	2009 =(Recorded 2009/Recorded 2008)-1	2008 =(Est 2010/Last Authorized 2008)-1	2012 =(Test Yr 2012/Est 2011)-1
1	GENERAL METERED							
2	Residential	N/A	5 80%	11 70%	-5 48%	11 81%	-12 39%	10 98%
3								
4	Commercial	N/A	6 54%	4 76%	-4 90%	14 02%	-10 12%	11 16%
5	Public Authority	N/A	9 03%	18 81%	-12 49%	-4 47%	-20 92%	11 20%
6	Other	N/A	38 77%	-11 29%	-28 63%	14 70%	-35 95%	16 26%
7	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	GENERAL METERED	N/A	6 68%	10 26%	-6 54%	10 11%	-12 97%	11 10%
9	UNMETERED							
10	Unmetered	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	OTHER							
12	Private Fire Service	N/A	-1 91%	5 78%	6 10%	-0 91%	-2 75%	16 42%
13	Misc Service	N/A	0 00%	0 00%	0 00%	0 00%	0 00%	0 00%
14	TOTAL REVENUES	N/A	6 63%	10 23%	-6 47%	10 04%	-12 92%	11 13%
15	Deferred Contribution Rev	N/A	-81 82%	474 22%	-70 61%	-53 01%	N/A	N/A
16	Conservation Surcharges	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	True Up Revenues Auth	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	Other	N/A	0 00%	0 00%	0 00%	0 00%	0 00%	13 31%
19	TOTAL	N/A	9 13%	7 74%	-6 04%	11 69%	-12 85%	11 10%

CALIFORNIA AMERICAN WATER
SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PROPOSED RATES (\$)
RECORDED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.20

Line No	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	GENERAL METERED						
2.	Residential	7,050,657	7,459,265	8,332,109	7,875,408	8,805,339	
3.	Commercial	4,682,080	4,988,458	5,226,031	4,970,138	5,666,860	Data from Table 3.17
4.	Public Authority	2,004,944	2,186,038	2,597,328	2,272,967	2,171,291	
5.	Industrial	69,253	96,105	85,256	60,849	69,796	
6.	Irrigation	0	0	0	0	0	
7.	GENERAL METERED	13,806,934	14,729,866	16,240,723	15,179,362	16,713,286	Ln 2 thru Ln 6
8.	OTHER						
9	Private Fire Service	85,518	83,886	88,735	94,146	93,285	
10		0	0	0	0	0	
11.	TOTAL REVENUES	13,892,452	14,813,752	16,329,458	15,273,508	16,806,570	Ln 7 thru Ln 12
12.	Deferred Contribution Rev (Method 5)	704	128	735	216	102	Table 3.17
13.	Misc. Service Revenues	(2,323)	7,615	8,015	17,519	17,510	
14.	WRAM and Water/Power Bal Accts	217,596	571,006	235,931	228,029	438,827	
15.	Low Income Discount	0	0	0	0	1,697	
16.	Conservation Surcharge	0	0	0	49,412	125,439	
17	Contract Revenue (10%)	14,400	14,400	14,400	16,369	19,436	
18	Antenna Lease (30%)	0	5,117	16,560	16,560	16,560	
19	TOTAL	14,122,829	15,412,019	16,605,099	15,601,612	17,426,141	Ln 13 thru Ln 17 Ln 18 /
20	Revenues Per Avg Customer	678	740	799	751	837	Table 3.4, Ln 21

CALIFORNIA AMERICAN WATER
SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PROPOSED RATES (\$)
AUTHORIZED AND PROPOSED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.21

Line No.	Description	LAST AUTHORIZED Advice Letter 822 Step	ESTIMATED	PROPOSED TEST YEAR	PROPOSED TEST YEAR	ESCALATION YEAR	Reference
		2010	2010	2011	2012	2013	
1.	GENERAL METERED						
2.	Residential	10,445,860	9,151,594	10,156,032	11,319,743	11,863,150	REV-500 Workpaper
3.	Commercial	6,567,632	5,903,013	6,561,784	7,188,820	7,449,179	REV-500 Workpaper
4.	Public Authority	2,733,239	2,161,353	2,403,527	2,622,118	2,709,420	REV-500 Workpaper
5.	Other	136,294	87,298	101,733	119,909	132,301	REV-500 Workpaper
6.	Irrigation	0	0	0	0	0	
7.	GENERAL METERED	19,883,025	17,303,259	19,223,076	21,250,590	22,154,050	Ln 2 thru Ln 6
8.	OTHER						
9.	Private Fire Service	108,175	105,199	122,757	142,213	155,043	REV-500 Workpaper
10.		0	0	0	0	0	Table 3.18
11.	TOTAL REVENUES	19,991,200	17,408,458	19,345,833	21,392,803	22,309,093	Ln 7 thru Ln 12
12.	Deferred Contribution Rev (Method 5)	0	4,634	5,234	5,834	6,534	Table 3.18
13.	Misc. Service Revenues	5,100	9,667	9,667	9,667	9,667	
14.	WRAM and Water/Power Bal Accts	0	0	0	0	0	
15.	Low Income Discount	0	-15,048	-17,358	-19,668	-21,978	
16.	Conservation Surcharge	0	0	0	0	0	Table 3 18
17.	Contract Revenue (10%)	14,400	20,068	20,389	20,389	20,389	Table 3 18
18.	Antenna Lease (30%)	5,500	16,560	16,560	16,560	16,560	Table 3 18
19.	TOTAL	20,016,200	17,444,339	19,380,325	21,425,586	22,340,266	Ln 13 thru Ln 17 Ln 18 /
20.	Revenues Per Avg Customer	953	836	928	1,026	1,069	Table 3 5, Ln 21

CALIFORNIA AMERICAN WATER
SAN DIEGO COUNTY DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PROPOSED RATES (\$)
CALCULATION OF PERCENT OF INCREASE

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.22

Line No	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	= (Recorded 2006/Recorded 2005)-1	= (Recorded 2007/Recorded 2006)-1	= (Recorded 2008/Recorded 2007)-1	= (Recorded 2009/Recorded 2008)-1	= (Est 2010/Last Authorized 2008)-1	= (Test Yr 2012/Est 2011)-1
1	GENERAL METERED							
2.	Residential	N/A	5.80%	11.70%	-5.48%	11.81%	-12.39%	11.46%
3	Commercial	N/A	6.54%	4.76%	-4.90%	14.02%	-10.12%	9.56%
4.	Public Authority	N/A	9.03%	18.81%	-12.49%	-4.47%	-20.92%	9.09%
5.	Other	N/A	38.77%	-11.29%	-28.63%	14.70%	-35.95%	17.87%
6.	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7.	GENERAL METERED	N/A	6.68%	10.26%	-6.54%	10.11%	-12.97%	10.55%
8	UNMETERED							
9.	Unmetered	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10.	OTHER							
11.	Private Fire Service	N/A	-1.91%	5.78%	6.10%	-0.91%	-2.75%	15.85%
12.	Misc. Service	N/A	N/A	N/A	N/A	N/A	0.00%	N/A
13.	TOTAL REVENUES	N/A	6.63%	10.23%	-6.47%	10.04%	-12.92%	10.58%
14.	Deferred Contribution Rev	N/A	-81.82%	474.22%	-70.61%	-53.01%	N/A	N/A
15	Conservation Surcharges	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Low Income Discount	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Other	N/A	0.00%	223.60%	0.00%	0.00%	201.09%	0.00%
18	TOTAL	N/A	9.13%	7.74%	-6.04%	11.69%	-12.85%	10.55%

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DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains tables of information regarding the calculation of pro forma operating expenses for water service operations presented in the GRC application. Historical individual account information within the California American Water accounting system provided the basis for determining these projected expenses.

Information included in this chapter includes five years of expense information as recorded on the books of California American Water and forecasted expenses for the years 2010, 2011 and Test Year 2012. Workpapers supporting inflation-adjusted five year averages for all administrative, operational and maintenance expenses are filed as part of the GRC application.

Pro forma operating expenses reflect normalizing adjustments including the removal of non-recurring expense items. The following describes the methodologies used to forecast expenses for the years 2010 through 2012:

Method of Escalating Labor Expenses

Payroll expenses shown for the year 2010 reflect salary information as of March 31, 2010.

San Diego County (Coronado) employees are not represented by a bargaining unit.

All non-union employee salaries were inflated 3.5% in 2011 and 2.6% in 2012.

Method of Escalating Non-Labor Expenses

California American Water used the historical and forecasted inflation rates data prepared by the Division of Ratepayer Advocates Energy Cost of Service Branch for April 2010. Forecasted inflation rates include a 5 year historical average customer growth adjustment.

A table showing the inflation factors used is attached to the expense workpapers.

Method of Eliminating Non-Recurring Expenses

Non-recurring expense items have been removed where applicable from the expense forecast.

The following discussions present additional information regarding the forecasting of operating expenses for this GRC application.

Payroll

Since payroll expenses can be charged to several different operating and capital expense accounts, projected labor charges are shown separately on Table 4.2 of Chapter 4.

Payroll expense projections are calculated in the workpapers (Coronado EXP-200) on an individual employee basis, utilizing current staffing levels and salary information as of March 31, 2010.

To the extent applicable, payroll calculations for the San Diego County (Coronado) Service area are shown net of time and pay charged to other regulated and non-regulated activities.

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The total projected payroll expenses for the San Diego County (Coronado) Service area include the following factors and assumptions:

- 1) None of the San Diego County service area employees are being represented by a bargaining unit. It has been assumed all employees will receive an annual increase of 3.5% for 2011 and 2.6% for 2012. The increases for 2011 are based on American Water's internal labor escalation projection.
- 2) The increases for the year 2012 are based on the DRA April 2010 Labor Escalation Memo. Increases are projected to become effective on January 1 of each year.
- 3) The number of overtime hours projected for 2010, 2011 and 2012 was based on a historic two year average of years 2008 and 2009 on a per employee basis. Overtime hour levels were presumed to remain unchanged through the years 2010-2012. Employees will be compensated at overtime pay rates in accordance with comparable union contract provisions.
- 4) A historic two-year average of capitalized payroll adjusted for inflation on a per employee basis was used to calculate capitalized payroll for 2010 to 2012.

Purchased Power

The San Diego County (Coronado) Service area purchases one hundred percent of its water supply and therefore has no purchased power costs.

Purchased Water

Purchased water costs are based on normalized consumption and production estimates computed at the most current commodity rate and assessment rates from the City of San Diego – the sole provider for the San Diego County service area's water supply.

Chemicals

The San Diego County (Coronado) Service area purchases one hundred percent of its water supply and therefore has no Chemical costs.

Uncollectibles

Uncollectible expenses for years 2010 through 2012 were forecasted by applying a most recent 12 month average of the monthly uncollectible rate for California American Water to pro forma revenues at present rates.

Other Operating and Maintenance Expenses

Maintenance of Reservoirs and Tanks

Costs for maintenance of Reservoirs and Tanks for 2010 through 2012 were forecasted based on scheduled tank painting needs. A table showing the ongoing Storage Tank maintenance program for the San Diego Service area (Coronado) is attached to the workpapers.

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Other Operating and Maintenance Expenses

The remaining Other Operating and Maintenance expenses for the forecasted years were estimated based on five-year inflation-adjusted historical averages except where noted. The projected expenses also reflect normalizing adjustments including the removal of non-recurring expense items.

Other Administrative and General Expenses

Miscellaneous General Expenses

Miscellaneous General Expenses (PUC Account 799) for 2009 and Test Year 2010 were forecasted based on a five-year inflation-adjusted historical average except where noted.

Other Administrative and General Expenses

The remaining Other Administrative and General Account expenses for 2010 through Test Year 2012 were forecasted based on five-year inflation-adjusted historical average except where noted. These expenses reflect normalizing adjustments including the removal of non-recurring expense items.

Transportation

Transportation expenses were forecasted based on actual vehicle lease costs, vehicle replacement schedules and historical averages for fuel and maintenance costs. Lease costs were reduced for replacement vehicles that will be purchased in the forecasted years instead of leased.

Rents

Forecasted Real property rent expenses were based on actual lease costs.

General Office

Table 4.1 shows Allocations of General Office and Service Company costs. General Office cost allocations are further divided into costs historically allocated to the districts and "traditional General Office" allocated costs. For a computation and explanation of these costs, please see the separate General Office and Service Company exhibit. These exhibits also explain how those expenses were allocated to each California American Water operating district.

Allocated Southern Division Costs

Table 4.1 shows Allocations of Southern Division costs. The Southern Division consists of the San Diego County (Coronado), Ventura (Village), and Los Angeles Service area. Southern Division costs are expenses for services benefitting all three Service areas, such as water quality (laboratory expenses), Shipping and Printing expenses and Contracted Services expenses. These expenses have been allocated to the three Southern Division Service Areas based on number of customers.

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Acquisition Premium

Decision 01-09-057 approved the purchase of the water and wastewater assets of Citizens Utilities by American Water and authorized the recovery of the acquisition premium attributable to California American Water. A portion of the amortization of that premium has been allocated to the San Diego Service Area (Coronado).

Table Overview

Table 4.1 shows a Summary of Recorded and forecasted O&M Expenses, last authorized Test Year expense levels and allocated General Office, Service Company, Division Cost and Acquisition Premium expenses.

Table 4.2 shows historical and forecasted Payroll information, last authorized Test Year labor expense and staffing levels.

Table 4.3, Table 4.4 and Table 4.5 show historical and forecasted Operating, Maintenance and A&G expenses and last authorized Test Year expense levels.

Table 4.6a and Table 4.6b show historical and forecasted O&M expense per customer ratios.

Tables 4.7 and 4.8 show expense level changes in percent between historical, forecasted and last authorized Test Year expense levels.

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	SUMMARY					
2.	Labor	878.5	1,032.0	1,059.4	1,122.9	1,121.8
3.	Purchased Water	10,015.3	10,034.7	10,096.6	9,930.5	10,285.7
4.	Purchased Power	0.0	0.0	0.0	0.0	0.0
5.	Chemicals	0.0	0.0	0.0	0.0	0.0
6.	Source of Supply (SS)	0.0	0.0	0.0	0.0	0.0
7.	Pumping	0.0	0.0	0.0	0.0	0.0
8.	Water Treatment	10.2	9.3	8.3	7.5	7.6
9.	Transmission and Distribution (T&D)	33.1	40.9	33.0	33.9	25.6
10.	Maintenance (excl. tank painting)	57.1	50.1	59.2	48.2	51.0
11.	Tank Painting Amortization	43.5	14.5	0.0	34.3	21.5
12.	Customer Accounting	7.9	9.3	10.7	13.0	12.6
13.	Rent	37.6	37.1	36.4	40.9	43.3
14.	Transportation	68.2	93.0	88.7	135.1	136.2
15.	Regulatory Expense	0.0	0.0	0.0	0.0	0.0
16.	Uncollectibles	92.7	101.2	109.0	102.4	114.4
17.	Other Welfare	64.4	57.9	49.9	50.5	40.2
18.	Other Administrative and General	224.2	436.4	128.6	135.8	111.5
19.	General Office historically inclded with district exps	411.8	582.7	491.0	603.6	837.8
20.	SUB-TOTAL	11,944.6	12,499.1	12,170.9	12,258.8	12,809.3
21.	Allocated "traditional" General Office	353.3	320.4	590.9	1,029.9	1,050.4
22.	Service Company	1,347.1	1,787.7	1,643.3	1,518.9	1,423.5
23.	Allocated Southern Div costs	19.8	27.7	26.2	18.2	4.7
24.	Citizens Acquisition Premium	449.4	437.1	444.5	509.2	493.8
25.	TOTAL OPERATING EXPENSES	14,114.1	15,071.9	14,875.8	15,334.9	15,781.6
26.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)	0.7	0.7	0.7	0.7	0.8

all \$ values in thousands of dollars

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Line No.	Description	ESTIMATED				LAST AUTHORIZED TEST YEAR	Reference
		2010	2011	2012	2013	2008	
1.	SUMMARY					D 08-03-022	
2.	Labor	1,046.1	1,156.7	1,286.4	1,327.5	1,122.9	Payroll- ExA Ch4 Tbl 4.2
3.	Purchased Water	11,256.5	11,258.7	11,260.8	11,610.0	10,216.7	Operating Exp- ExA Ch4 Tbl 4.3
4.	Purchased Power	0.0	0.0	0.0	0.0	0.0	Operating Exp- ExA Ch4 Tbl 4.3
5.	Chemicals	0.0	0.0	0.0	0.0	0.0	Operating Exp- ExA Ch4 Tbl 4.3
6.	Source of Supply (SS)	0.0	0.0	0.0	0.0	0.0	Operating Exp- ExA Ch4 Tbl 4.3
7.	Pumping	0.0	0.0	0.0	0.0	0.3	Operating Exp- ExA Ch4 Tbl 4.3
8.	Water Treatment	8.9	9.2	9.5	9.8	11.6	Operating Exp- ExA Ch4 Tbl 4.3
9.	Transmission and Distribution (T&D)	34.6	35.7	199.9	205.8	50.3	Operating Exp- ExA Ch4 Tbl 4.3
10.	Maintenance (excl. tank painting)	55.3	57.0	58.8	60.6	63.0	ExA Ch4 Tbl 4..1 & 4.4
11.	Tank Painting Amortization	27.4	27.4	10.5	7.8	22.1	See Exp. WP EXP-142
12.	Customer Accounting	11.1	11.5	12.8	13.2	65.3	Operating Exp- ExA Ch4 Tbl 4.3
13.	Rent	45.1	46.6	48.0	49.5	35.8	A&G Exp- ExA Ch4 Tbl 4.5
14.	Transportation	158.9	161.6	151.2	155.9	0.0	See Exp. WP EXP-150
15.	Regulatory Expense	0.0	0.0	0.0	0.0	79.3	A&G Exp- ExA Ch4 Tbl 4.5
16.	Uncollectibles	114.5	114.6	127.3	140.7	42.6	Operating Exp- ExA Ch4 Tbl 4.3
17.	Other Welfare	61.1	65.1	75.6	78.0	367.5	A&G Exp- ExA Ch4 Tbl 4.5
18.	Other Administrative and General	217.1	223.9	257.6	265.7	318.8	A&G Exp- ExA Ch4 Tbl 4.5
19.	General Office historically included with district exps	1,021.3	1,206.5	1,495.6	1,407.0		ExA-CC Ch3 Table2
20.	SUB-TOTAL	14,058.1	14,374.5	14,994.1	15,331.6	12,396.2	
21.	Allocated "traditional" General Office	1,195.4	507.3	1,427.6	1,493.7	434.8	ExA-CC Ch2 Tbl 1
22.	Service Company	1,467.2	1,214.8	1,594.4	1,650.3	1,184.7	ExA, Ch3, Sec3, Tbl1
23.	Allocated Southern Div costs	16.2	16.7	17.3	17.8		EXP-400
24.	Citizens Acquisition Premium	489.4	474.1	458.9	443.6	464.1	CACorp Ex A, Ch 4, Tbl 2
25.	TOTAL OPERATING EXPENSES	17,226.2	16,587.4	18,492.4	18,937.0	14,479.8	
26.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)	0.8	0.8	0.9	0.9	0.7	

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	<u>Payroll Expense</u>					
2.	Salaries	1,128.5	1,230.6	1,258.0	1,321.5	1,292.1
3.	Overtime	0.0	56.0	56.0	56.0	42.3
4.	Total Salaries	1,128.5	1,286.6	1,314.0	1,377.5	1,334.4
5.	Capitalized Payroll	250.0	254.6	254.6	254.6	212.6
6.	Total Net Payroll	878.5	1,032.0	1,059.4	1,122.9	1,121.8
7.	Payroll per thousand customers (in \$000's)	54.2	61.8	63.2	66.3	64.1
	<u>Number of Employees</u>					
8.	Number of employees per thousand customers	1.0	1.0	1.0	1.0	1.0
9.	Number of employees	21	21	21	21	20

all \$ values in thousands of dollars

customers (1,000s) 20.8 20.8 20.8 20.8 20.8

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Line No.	Description	PUC Account No.	RECORDED YEARS				
			2005	2006	2007	2008	2009
OPERATION EXPENSES							
1.	Source of Supply Expense	702	0.0	0.0	0.0	0.0	0.0
2.	Purchased Water	704	10,015.3	10,034.7	10,096.6	9,930.5	10,285.7
3.	Pumping Expense - Electric	724	0.0	0.0	0.0	0.0	0.0
4.	Pumping Expense - Miscellaneous	725	0.0	0.0	0.0	0.0	0.0
5.	Water Treatment	742	0.0	0.0	0.0	0.0	0.0
6.	Water Treatment - Miscellaneous	743	10.2	9.3	8.3	7.5	7.6
7.	Transmission & Distribution (T&D) - Supervision	751	0.0	0.0	0.0	0.0	0.0
8.	T & D - Storage	752	0.0	0.0	0.0	0.0	0.0
9.	T & D - Lines	753	0.2	0.4	0.0	1.0	0.0
10.	T & D - Meters	754	0.8	3.6	1.9	2.1	0.7
11.	T & D - Customer Installation	755	0.4	0.4	0.6	0.5	0.5
12.	T & D - Miscellaneous	756	31.6	36.5	30.5	30.3	24.4
13.	Customer Accounts - Supervision	771	0.0	0.0	0.0	0.0	0.0
14.	Customer Accounts - Meter Reading	772	0.0	0.0	0.0	0.0	0.0
15.	Cust. Accts. - Records & Collect. & Misc.	773	4.8	6.6	6.2	6.6	7.0
16.	Customer Accounts - Miscellaneous	774	3.1	2.7	4.5	6.4	5.6
17.	Customer Accounts - Uncollectibles	775	92.7	101.2	109.0	102.4	114.4
18.	TOTAL OPERATION EXPENSES		10,159.2	10,195.4	10,257.6	10,087.4	10,446.0
19.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)		0.49	0.49	0.49	0.49	0.50

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Line No.	Description	PUC Account No.	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTHORIZED TEST YEAR	Reference
			2010	2011	2012	2013	2008	
OPERATION EXPENSES								
1.	Source of Supply Expense	702	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-101
2.	Purchased Water	704	11,256.5	11,258.7	11,260.8	11,610.0	10,216.7	See Exp WP EXP-103
3.	Pumping Expense - Electric	724	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-104
4.	Pumping Expense - Miscellaneous	725	0.0	0.0	0.0	0.0	0.3	See Exp WP EXP-106
5.	Water Treatment	742	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-107
6.	Water Treatment - Miscellaneous	743	8.9	9.2	9.5	9.8	11.6	See Exp WP EXP-107
7.	Transmission & Distribution (T&D) - Supervision	751	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-108
8.	T & D - Storage	752	0.0	0.0	0.0	0.0	7.1	See Exp WP EXP-109
9.	T & D - Lines	753	0.3	0.3	0.4	0.4	0.2	See Exp WP EXP-110
10.	T & D - Meters	754	1.9	2.0	2.0	2.1	2.9	See Exp WP EXP-111
11.	T & D - Customer Installation	755	0.5	0.5	0.5	0.6	0.0	See Exp WP EXP-112
12.	T & D - Miscellaneous	756	31.9	32.9	197.0	202.8	40.1	See Exp WP EXP-113
13.	Customer Accounts - Supervision	771	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-114
14.	Customer Accounts - Meter Reading	772	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-115
15.	Cust. Accts. - Records & Collect. & Misc.	773	6.5	6.7	6.9	7.1	3.7	See Exp WP EXP-116
16.	Customer Accounts - Miscellaneous	774	4.6	4.8	5.9	6.1	61.6	See Exp WP EXP-117
17.	Customer Accounts - Uncollectibles	775	114.5	114.6	127.3	140.7	42.6	See Exp WP EXP-118
18.	TOTAL OPERATION EXPENSES		11,425.7	11,429.7	11,610.3	11,979.6	10,386.8	
19.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)		0.55	0.55	0.56	0.57	0.50	

all \$ values in thousands of dollars

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Line No.	Description	PUC Account No.	RECORDED YEARS				
			2005	2006	2007	2008	2009
	MAINTENANCE EXPENSES						
1.	Source of Supply - Other	713	0.0	0.0	0.0	0.0	0.0
2.	Pumping - Supervision	729	0.0	0.0	0.0	0.0	0.0
3.	Pumping - Power Production	731	0.0	0.0	0.0	0.0	0.0
4.	Pumping - Other	733	1.9	1.3	5.1	3.7	1.7
5.	Water Treatment - Equipment	748	0.0	0.0	0.0	0.0	0.0
6.	T & D Reservoirs & Tanks	760	1.3	4.8	1.0	1.8	1.0
7.	T & D Mains	761	9.2	16.5	15.0	13.6	13.7
8.	T & D Fire Mains	762	0.0	0.0	0.0	0.0	0.0
9.	T & D Services	763	32.5	20.1	20.1	12.9	20.6
10.	T & D Meters	764	9.7	4.7	13.1	7.7	9.4
11.	T & D Hydrants	765	2.5	2.6	2.3	0.6	0.2
12.	T & D Miscellaneous Plant	766	43.5	14.5	2.7	42.3	25.8
13.	TOTAL MAINTENANCE EXPENSE		100.7	64.6	59.2	82.6	72.5
14.	Maintenance Expense per customer (in thousands of dollars per customer)		0.00	0.00	0.00	0.00	0.00

all \$ values in thousands of dollars

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Line No.	Description	PUC Account No.	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTHORIZED TEST YEAR	Reference
			2010	2011	2012	2013	2008	
	MAINTENANCE EXPENSES							
1.	Source of Supply - Other	713	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-128
2.	Pumping - Supervision	729	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-129
3.	Pumping - Power Production	731	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-131
4.	Pumping - Other	733	2.8	2.9	3.0	3.1	1.3	See Exp WP EXP-132
5.	Water Treatment - Equipment	748	0.0	0.0	0.0	0.0	19.1	See Exp WP EXP-133
6.	T & D Reservoirs & Tanks	760	2.1	2.1	2.2	2.3	22.1	See Exp WP EXP-136
7.	T & D Mains	761	14.1	14.6	15.0	15.5	17.2	See Exp WP EXP-137
8.	T & D Fire Mains	762	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-138
9.	T & D Services	763	22.1	22.8	23.5	24.3	17.8	See Exp WP EXP-139
10.	T & D Meters	764	9.3	9.6	9.9	10.2	6.1	See Exp WP EXP-140
11.	T & D Hydrants	765	1.7	1.8	1.8	1.9	1.5	See Exp WP EXP-141
12.	T & D Miscellaneous Plant	766	30.5	30.6	13.8	11.2	0.0	See Exp WP EXP-142
13.	TOTAL MAINTENANCE EXPENSE		82.6	84.4	69.4	68.4	85.1	
14.	Maintenance Expense per customer (in thousands of dollars per customer)		0.00	0.00	0.00	0.00	0.00	

all \$ values in thousands of dollars

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SUMMARY OF ADMINISTRATIVE AND GENERAL (A&G) EXPENSES (\$000's)
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Line No.	Description	PUC Account No.	RECORDED YEARS				
			2005	2006	2007	2008	2009
	ADMINISTRATIVE & GENERAL EXPENSES						
1.	Office Supplies & Other Expenses	792	6.8	8.1	4.7	4.4	12.0
2.	Property Insurance	793	0.4	0.4	0.4	0.4	0.4
3.	Worker's Comp, Injuries & Damages	794	0.0	0.0	0.0	0.0	0.0
4.	Employee Pension & Benefits	795	64.4	57.9	49.9	50.5	40.2
5.	Regulatory Expense	797	0.0	0.0	0.0	0.0	0.0
6.	Outside Services	798	73.9	19.6	14.4	37.7	32.2
7.	Miscellaneous General Expense	799	207.5	497.5	194.1	226.8	200.3
8.	General Plant	805	3.7	3.8	3.7	1.5	2.9
9.	Rents	811	37.6	37.1	36.4	40.9	43.3
10.	TOTAL ADMIN & GENERAL EXPENSES		394.4	624.4	303.7	362.3	331.2
	SUMMARY:						
11.	Total Insurance		0.4	0.4	0.4	0.4	0.4
12.	Total Pension & Benefits		64.4	57.9	49.9	50.5	40.2
13.	Total Outside Services		73.9	19.6	14.4	37.7	32.2
14.	Total Other A & G		218.0	509.4	202.5	232.8	215.1
15.	Total Rents		37.6	37.1	36.4	40.9	43.3
16.	TOTAL ADMIN & GENERAL EXPENSES		394.4	624.4	303.7	362.3	331.2
17.	A&G Expense per customer		0.02	0.03	0.01	0.02	0.02

all \$ values in thousands of dollars

CALIFORNIA-AMERICAN WATER COMPANY
SAN DIEGO COUNTY (CORONADO DISTRICT) -- 2010 GENERAL RATE CASE
SUMMARY OF ADMINISTRATIVE AND GENERAL (A&G) EXPENSES (\$000's)
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Line No.	Description	PUC Account No.	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTHOR. TEST YEAR	Reference
			2010	2011	2012	2013	2008	
	ADMINISTRATIVE & GENERAL EXPENSES							
1.	Office Supplies & Other Expenses	792	7.5	7.7	8.0	8.2	7.6	See Exp WP EXP-144
2.	Property Insurance	793	0.4	0.4	0.5	0.5	47.6	See Exp WP EXP-145
3.	Worker's Comp, Injuries & Damages	794	0.0	0.0	0.0	0.0	57.6	See Exp WP EXP-146
4.	Employee Pension & Benefits	795	61.1	65.1	75.6	78.0	367.5	See Exp WP EXP-147
5.	Regulatory Expense	797	0.0	0.0	0.0	0.0	79.3	See Exp WP EXP-148
6.	Outside Services	798	37.3	38.5	39.7	41.0	11.0	See Exp WP EXP-149
7.	Miscellaneous General Expense	799	327.6	335.5	357.2	368.3	191.0	See Exp WP EXP-150
8.	General Plant	805	3.2	3.3	3.4	3.5	4.0	See Exp WP EXP-151
9.	Rents	811	45.1	46.6	48.0	49.5	35.8	See Exp WP EXP-152
10.	TOTAL ADMIN & GENERAL EXPENSES		482.3	497.2	532.5	549.1	801.4	
	SUMMARY:							
11.	Total Insurance		0.4	0.4	0.5	0.5	105.2	Line 2 & 3
12.	Total Pension & Benefits		61.1	65.1	75.6	78.0	367.5	Line 4
13.	Total Outside Services		37.3	38.5	39.7	41.0	11.0	Line 6
14.	Total Other A & G		338.3	346.6	368.6	380.1	281.9	Lines 1, 5, 7 & 8
15.	Total Rents		45.1	46.6	48.0	49.5	35.8	Line 9
16.	TOTAL ADMIN & GENERAL EXPENSES		482.3	497.2	532.5	549.1	801.4	
17.	A&G Expense per customer		0.02	0.02	0.03	0.03	0.04	

all \$ values in thousands of dollars

CALIFORNIA-AMERICAN WATER COMPANY
SAN DIEGO COUNTY (CORONADO DISTRICT) -- 2010 GENERAL RATE CASE
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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	<u>SUMMARY</u>					
2.	Labor	878.5	1,032.0	1,059.4	1,122.9	1,121.8
3.	Purchased Water	10,015.3	10,034.7	10,096.6	9,930.5	10,285.7
4.	Purchased Power	0.0	0.0	0.0	0.0	0.0
5.	Chemicals	0.0	0.0	0.0	0.0	0.0
6.	Source of Supply (SS)	0.0	0.0	0.0	0.0	0.0
7.	Pumping	0.0	0.0	0.0	0.0	0.0
8.	Water Treatment	10.2	9.3	8.3	7.5	7.6
9.	Transmission and Distribution (T&D)	33.1	40.9	33.0	33.9	25.6
10.	Maintenance (excl. tank painting)	57.1	50.1	59.2	48.2	51.0
11.	Tank Painting Amortization	43.5	14.5	0.0	34.3	21.5
12.	Customer Accounting	7.9	9.3	10.7	13.0	12.6
13.	Rent	37.6	37.1	36.4	40.9	43.3
14.	Transportation	68.2	93.0	88.7	135.1	136.2
15.	Regulatory Expense	0.0	0.0	0.0	0.0	0.0
16.	Uncollectibles	92.7	101.2	109.0	102.4	114.4
17.	Other Welfare	64.4	57.9	49.9	50.5	40.2
18.	Other Administrative and General	224.2	436.4	128.6	135.8	111.5
19.	General Office historically inclded with district exps	411.8	582.7	491.0	603.6	837.8
21.	Allocated "traditional" General Office	353.3	320.4	590.9	1,029.9	1,050.4
22.	Service Company	1,347.1	1,787.7	1,643.3	1,518.9	1,423.5
23.	Allocated Southern Div costs	19.8	27.7	26.2	18.2	4.7
	Customers					

CALIFORNIA-AMERICAN WATER COMPANY
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Line No.	Description	EXPENSES PER CUSTOMER				
		2005	2006	2007	2008	2009
1.	<u>SUMMARY</u>					
2.	Labor	42.2	49.5	51.0	54.0	53.9
3.	Purchased Water	481.0	481.8	485.7	477.8	494.2
4.	Purchased Power	0.0	0.0	0.0	0.0	0.0
5.	Chemicals	0.0	0.0	0.0	0.0	0.0
6.	Source of Supply (SS)	0.0	0.0	0.0	0.0	0.0
7.	Pumping	0.0	0.0	0.0	0.0	0.0
8.	Water Treatment	0.5	0.4	0.4	0.4	0.4
9.	Transmission and Distribution (T&D)	1.6	2.0	1.6	1.6	1.2
10.	Maintenance (excl. tank painting)	2.7	2.4	2.9	2.3	2.5
11.	Tank Painting Amortization	2.1	0.7	0.0	1.7	1.0
12.	Customer Accounting	0.4	0.4	0.5	0.6	0.6
13.	Rent	1.8	1.8	1.8	2.0	2.1
14.	Transportation	3.3	4.5	4.3	6.5	6.5
15.	Regulatory Expense	0.0	0.0	0.0	0.0	0.0
16.	Uncollectibles	4.5	4.9	5.2	4.9	5.5
17.	Other Welfare	3.1	2.8	2.4	2.4	1.9
18.	Other Administrative and General	10.8	21.0	6.2	6.5	5.4
19.	General Office historically included with district exps	19.8	28.0	23.6	29.0	40.3
21.	Allocated "traditional" General Office	17.0	15.4	28.4	49.6	50.5
22.	Service Company	64.7	85.8	79.1	73.1	68.4
23.	Allocated Southern Div costs	0.9	1.3	1.3	0.9	0.2
	Customers	20,824	20,828	20,786	20,783	20,814

CALIFORNIA-AMERICAN WATER COMPANY
SAN DIEGO COUNTY (CORONADO DISTRICT) -- 2010 GENERAL RATE CASE
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Line No.	Description	ESTIMATED YEARS			
		2010	2011	2012	2013
1.	<u>SUMMARY</u>				
2.	Labor	1,046.1	1,156.7	1,286.4	1,327.5
3.	Purchased Water	11,256.5	11,258.7	11,260.8	11,610.0
4.	Purchased Power	0.0	0.0	0.0	0.0
5.	Chemicals	0.0	0.0	0.0	0.0
6.	Source of Supply (SS)	0.0	0.0	0.0	0.0
7.	Pumping	0.0	0.0	0.0	0.0
8.	Water Treatment	8.9	9.2	9.5	9.8
9.	Transmission and Distribution (T&D)	34.6	35.7	199.9	205.8
10.	Maintenance (excl. tank painting)	55.3	57.0	58.8	60.6
11.	Tank Painting Amortization	27.4	27.4	10.5	7.8
12.	Customer Accounting	11.1	11.5	12.8	13.2
13.	Rent	45.1	46.6	48.0	49.5
14.	Transportation	158.9	161.6	151.2	155.9
15.	Regulatory Expense	0.0	0.0	0.0	0.0
16.	Uncollectibles	114.5	114.6	127.3	140.7
17.	Other Welfare	61.1	65.1	75.6	78.0
18.	Other Administrative and General	217.1	223.9	257.6	265.7
19.	General Office historically included with district exps	1,021.3	1,206.5	1,495.6	1,407.0
20.	SUB-TOTAL	14,058.1	14,374.5	14,994.1	15,331.6
21.	Allocated "traditional" General Office	1,195.4	507.3	1,427.6	1,493.7
22.	Service Company	1,467.2	1,214.8	1,594.4	1,650.3
23.	Allocated Southern Div costs	16.2	16.7	17.3	17.8
24.	Citizens Acquisition Premium	489.4	474.1	458.9	443.6
	Customers				

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Line No.	Description	EXPENSES PER CUSTOMER			
		2010	2011	2012	2013
1.	<u>SUMMARY</u>				
2.	Labor	50.2	55.4	61.6	63.5
3.	Purchased Water	539.6	539.4	539.1	555.5
4.	Purchased Power	N/A	N/A	N/A	N/A
5.	Chemicals	N/A	N/A	N/A	N/A
6.	Source of Supply (SS)	0.0	0.0	0.0	0.0
7.	Pumping	0.0	0.0	0.0	0.0
8.	Water Treatment	0.4	0.4	0.5	0.5
9.	Transmission and Distribution (T&D)	1.7	1.7	9.6	9.8
10.	Maintenance (excl. tank painting)	2.6	2.7	2.8	2.9
11.	Tank Painting Amortization	1.3	1.3	0.5	0.4
12.	Customer Accounting	0.5	0.5	0.6	0.6
13.	Rent	2.2	2.2	2.3	2.4
14.	Transportation	7.6	7.7	7.2	7.5
15.	Regulatory Expense	0.0	0.0	0.0	0.0
16.	Uncollectibles	5.5	5.5	6.1	6.7
17.	Other Welfare	2.9	3.1	3.6	3.7
18.	Other Administrative and General	10.4	10.7	12.3	12.7
19.	General Office historically included with district exps	49.0	57.8	71.6	67.3
20.	SUB-TOTAL	674.0	688.7	717.9	733.5
21.	Allocated "traditional" General Office	57.3	24.3	68.4	71.5
22.	Service Company	70.3	58.2	76.3	79.0
23.	Allocated Southern Div costs	0.8	0.8	0.8	0.9
24.	Citizens Acquisition Premium				
	Customers	20,859	20,873	20,887	20,901

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	SUMMARY					
	Calculation	N/A	=(2006/2005)-1	=(2007/2006)-1	=(2008/2007)-1	=(2009/2008)-1
2.	Labor	N/A	17.5%	2.7%	6.0%	-0.1%
3.	Purchased Water	N/A	0.2%	0.6%	-1.6%	3.6%
4.	Purchased Power	N/A	N/A	N/A	N/A	N/A
5.	Chemicals	N/A	N/A	N/A	N/A	N/A
6.	Source of Supply (SS)	0.0	N/A	N/A	N/A	N/A
7.	Pumping	N/A	N/A	N/A	N/A	N/A
8.	Water Treatment	N/A	-8.8%	-11.1%	-8.7%	1.4%
9.	Transmission and Distribution (T&D)	N/A	23.8%	-19.3%	2.7%	-24.5%
10.	Maintenance (excl. tank painting)	N/A	-12.4%	18.4%	-18.6%	5.8%
11.	Tank Painting Amortization	N/A	-66.6%	-100.0%	N/A	-37.4%
12.	Customer Accounting	N/A	17.7%	14.9%	21.7%	-3.2%
13.	Rent	N/A	-1.4%	-1.7%	12.3%	5.8%
14.	Transportation	N/A	36.4%	-4.6%	52.2%	0.8%
15.	Regulatory Expense	N/A	N/A	N/A	N/A	N/A
16.	Uncollectibles	N/A	9.1%	7.7%	-6.0%	11.7%
17.	Other Welfare	N/A	-10.2%	-13.7%	1.2%	-20.5%
18.	Other Administrative and General	N/A	94.6%	-70.5%	5.6%	-17.9%
19.	General Office historically included with district exps	N/A	41.5%	-15.7%	22.9%	38.8%
21.	Allocated "traditional" General Office	N/A	-9.3%	84.4%	74.3%	2.0%
22.	Service Company	N/A	32.7%	-8.1%	-7.6%	-6.3%
23.	Allocated Southern Div costs	N/A	39.9%	-5.3%	-30.7%	-74.3%
25.	TOTAL OPERATING EXPENSES	N/A	6.8%	-1.3%	3.1%	2.9%

CALIFORNIA-AMERICAN WATER COMPANY
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Line No.	Description	ESTIMATED				LAST AUTHORIZED TEST YEAR
		2010	2011	2012	2013	2008
1.	SUMMARY					
	Calculation	=(2010/2009)-1	=(2011/2010)-1	=(2012/2011)-1	=(2013/2012)-1	=(Test Yr/Last Auth)-1
2.	Labor	-6.7%	10.6%	11.2%	3.2%	14.6%
3.	Purchased Water	9.4%	0.0%	0.0%	3.1%	10.2%
4.	Purchased Power	N/A	N/A	N/A	N/A	N/A
5.	Chemicals	N/A	N/A	N/A	N/A	N/A
6.	Source of Supply (SS)	N/A	N/A	N/A	N/A	N/A
7.	Pumping	N/A	N/A	N/A	N/A	N/A
8.	Water Treatment	16.8%	3.2%	3.2%	3.1%	-18.2%
9.	Transmission and Distribution (T&D)	35.2%	3.2%	459.3%	3.0%	297.4%
10.	Maintenance (excl. tank painting)	8.3%	3.2%	3.2%	3.1%	-6.6%
11.	Tank Painting Amortization	27.3%	0.0%	-61.5%	-26.3%	-52.3%
12.	Customer Accounting	-11.6%	3.2%	11.9%	3.1%	-80.3%
13.	Rent	4.2%	3.2%	3.2%	3.1%	34.2%
14.	Transportation	16.7%	1.7%	-6.4%	3.1%	N/A
15.	Regulatory Expense	N/A	N/A	N/A	N/A	-100.0%
16.	Uncollectibles	0.1%	0.0%	11.1%	10.5%	198.9%
17.	Other Welfare	52.1%	6.6%	16.2%	3.2%	-79.4%
18.	Other Administrative and General	94.7%	3.2%	15.0%	3.1%	-19.2%
19.	General Office historically included with district exps	21.9%	18.1%	24.0%	-5.9%	159.2%
21.	Allocated "traditional" General Office	13.8%	-57.6%	181.4%	4.6%	228.3%
22.	Service Company	3.1%	-17.2%	31.2%	3.5%	34.6%
23.	Allocated Southern Div costs	246.9%	3.2%	3.2%	3.1%	N/A
25.	TOTAL OPERATING EXPENSES	9.2%	-3.7%	11.5%	2.4%	27.7%

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
	Calculation	N/A	=(2006/2005)-1	=(2007/2006)-1	=(2008/2007)-1	=(2009/2008)-1
1.	<u>Payroll Expense</u>					
2.	Salaries	N/A	9.05%	2.23%	5.05%	-2.22%
3.	Overtime	N/A	N/A	0.00%	0.00%	-24.46%
4.	Total Salaries	N/A	14.01%	2.13%	4.83%	-3.13%
5.	Capitalized Payroll	N/A	1.84%	0.01%	-0.01%	-16.50%
6.	Total Net Payroll	N/A	17.47%	2.65%	6.00%	-0.10%
7.	Payroll per thousand customers (in \$000's)	N/A	13.99%	2.34%	4.85%	-3.27%
	<u>Number of Employees</u>					
8.	Number of employees per thousand customers	N/A	-0.02%	0.20%	0.01%	-4.90%
9.	Number of employees	N/A	0.00%	0.00%	0.00%	-4.76%

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Line No.	Description	ESTIMATED				LAST AUTHORIZED TEST YEAR
		2010	2011	2012	2013	2008
	Calculation	=(2010/2009)-1	=(2011/2010)-1	=(2012/2011)-1	=(2013/2012)-1	=(Test Yr/Last Auth)-1
1.	<u>Payroll Expense</u>					
2.	Salaries	-3.70%	11.08%	11.25%	3.20%	15.04%
3.	Overtime	32.52%	3.36%	4.64%	3.23%	1.89%
4.	Total Salaries	-2.55%	10.75%	10.99%	3.20%	14.48%
5.	Capitalized Payroll	19.58%	11.46%	10.09%	3.20%	14.14%
6.	Total Net Payroll	-6.75%	10.57%	11.21%	3.20%	14.56%
7.	Payroll per thousand customers (in \$000's)	-2.76%	10.67%	10.91%	3.13%	14.93%
	<u>Number of Employees</u>					
8.	Number of employees per thousand customers	-0.22%	-0.07%	9.93%	-0.07%	5.18%
9.	Number of employees	0.00%	0.00%	10.00%	0.00%	4.76%

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains tables with historical information for the years 2005 through 2009 regarding taxes based on factors other than taxable income. These tables also contain estimates of such taxes for the years 2010 through 2013. The tables are presented as follows:

Table 5.1 – Total Taxes Other Than Income Taxes

This table summarizes calculations of taxes based on factors other than taxable income for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013. Ad valorem and franchise taxes are further detailed on Tables 5.2 and 5.3. Payroll taxes were based on payroll information detailed in Chapter 4 of Exhibit A.

Payroll taxes include state unemployment insurance, federal unemployment insurance, federal social security taxes and federal Medicare taxes. Payroll tax rates were applied to the estimated wage tax base to derive payroll tax estimates charged to operating expenses for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013. The various tax rates used for these calculations are discussed below.

FICA/Medicare Taxes/FUTA/SUI

Estimates for payroll taxes were based on current information from federal and state payroll tax publications. Payroll tax estimates take into consideration various wage limits included in current tax provisions. The following are the tax rates and wage limits used in the calculations:

- 1) FICA – 6.20% for the first \$110,800, \$115,000, \$119,600 of total wages for 2010, 2011 and 2012, respectively.
- 2) Medicare – 1.45% of total wages for 2010 through 2012
- 3) FUTA – 0.8% for the first \$7,000 of total wages for 2010 through 2012
- 4) SUI – 1.20% for the first \$7,000 of total wages for 2010 through 2012

Table 5.2 – Ad Valorem Taxes

Table 5.2 contains historical information for the years 2005 through 2009 regarding ad valorem taxes as well as estimates of ad valorem taxes for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013.

The calculation of estimated ad valorem taxes was based on a similar procedure used for water utilities by the county taxing authority. Information regarding the various components of the ad valorem tax calculation was obtained from other chapters and sections of the GRC application and recorded ad valorem taxes as referenced in this Table.

Ad valorem taxes recorded on the books of California American Water for the years 2005 through 2009 were compared to the year-end net rate base amount and the resulting average ratio was applied to the forecasted net rate base to estimate ad valorem taxes for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013.

Table 5.3 – Franchise Taxes

Table 5.3 contains the historical ratio of franchise taxes to revenues for the years 2005 through 2009. The tables also shows the ratios used to estimate franchise taxes for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013.

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 TAXES OTHER THAN INCOME (000'S)**

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TAXES OTHER THAN INCOME	ESTIMATED		TEST YEAR		Reference
	2010	2011	2012	2013	
Ad Valorem Taxes	144.9	145.6	149.1	198.1	Table 5.2
Franchise Taxes	0.0	0.0	0.0	0.0	[1]
Payroll Taxes					
Gross Payroll Taxes					
F.I.C.A.	75.1	83.6	92.2	95.1	See Expense Wkpapers EXP-200
Medicare	17.6	19.5	21.6	22.3	
F.U.T.A.	1.1	1.1	1.2	1.2	
S.U.I.	1.7	1.7	1.8	1.8	
Capitalized Payroll Taxes					
F.I.C.A.	15.1	16.8	18.5	19.1	See Expense Wkpapers EXP-200
Medicare	3.5	3.9	4.3	4.5	
F.U.T.A.	0.2	0.2	0.2	0.2	
S.U.I.	0.3	0.3	0.4	0.4	
Net Payroll Taxes					
F.I.C.A.	60.1	66.8	73.7	76.1	See Expense Wkpapers EXP-200
Medicare	14.0	15.6	17.2	17.8	
F.U.T.A.	0.9	0.9	1.0	1.0	
S.U.I.	1.3	1.3	1.5	1.5	
Net Payroll Taxes	76.3	84.7	93.4	96.3	
TOTAL OTHER TAXES	221.2	230.2	242.5	294.4	

[1] Franchise taxes are charged directly to customers via tariff surcharge

**CALIFORNIA-AMERICAN WATER COMPANY
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
AD VALOREM TAXES (000'S)**

**FILED: UPDATE
EXHIBIT: A
CHAPTER: 5
TABLE: 5.2**

Line No.	RECORDED					ESTIMATED		TEST YEAR		Reference	
	2005	2006	2007	2008	2009	2010	2011	2012	2013		
1.	Year End Utility Plant	21,052.1	21,889.9	23,381.9	23,856.5	25,079.9	28,097.8	29,156.2	30,500.3	36,043.2	Chap 7, Table 7.7
2.	Less Year End Advances	185.7	168.8	160.2	151.6	143.1	134.5	126.0	117.4	108.8	Chap 9, Table 9
3.	Less Year End Contributions	2,246.7	2,583.1	2,718.8	2,662.5	2,692.5	2,810.6	2,926.7	3,045.2	3,167.2	Chap 9, Table 9
4.	Less Year End Depreciation	8,913.0	9,319.1	9,736.4	10,341.4	10,929.3	11,689.6	12,576.3	13,477.5	14,352.4	Chap 8, Table 8.8
5.	Net Plant	9,706.7	9,818.9	10,766.5	10,701.0	11,315.0	13,463.0	13,527.2	13,860.1	18,414.7	Ln 1 - Ln 2 thru Ln 4
6.	Ad Valorem Taxes	107.7	109.5	113.6	116.3	114.6	144.9	145.6	149.1	198.1	Ln 5 x Ln 7
7.	Ad Valorem/Net Plant	0.01110	0.01115	0.01056	0.01087	0.01013	0.01076	0.01076	0.01076	0.01076	Calculated
8.	5 YEAR AVERAGE (2005-2009)	0.01076									Calculated

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains tables regarding the calculation of taxes based on income. The tables are presented as follows:

Table 6.1 – Calculation of Income Taxes at Present Rates

This table contains a calculation of state and federal income taxes for Estimated Year 2011, Test Year 2012, Escalation Year 2013 and Attrition Year 2014 at the current or anticipated present rates in effect at the time.

Table 6.2 – Calculation of Income Taxes at Proposed Rates

This table contains a calculation of state and federal income taxes for Test Year 2012, Escalation Year 2013 and Attrition Year 2014 if the tariff rates proposed by California American Water in this application are approved.

Information About Calculations

The methods used to compute taxable income are as follows:

- 1) Operating Revenues as shown on Exhibit A - Chapter 2 – Tables 2.2 and 2.3.
- 2) Total Operating Expenses and Uncollectibles as shown on Exhibit A - Chapter 2- Tables 2.2 and 2.3.
- 3) Book Depreciation as shown on Exhibit A - Chapter 2 – Tables 2.2 and 2.3. California American Water has adopted FAS 109 and defers the difference between depreciation recorded on its books and depreciation used to calculate its taxable income.
- 4) Domestic Production Activity Deduction was calculated based on Internal Revenue Code Section 199 guidelines. Section 199 provides for a tax deduction based on qualified production activity income or wages whichever is less.
- 5) Rate Making Interest Expense was calculated using the Interest Synchronization Method that requires the application of the weighted cost of debt used in the calculation of the Rate of Return shown on Exhibit C to the net rate base shown on Exhibit A, Chapter 9- Table 9.2.
- 6) Taxes Other Than Income Taxes as shown on Exhibit A, Chapter 2, Tables 2.2 and 2.3.

- 7) Deferred Taxes can constitute one or more of the following:
 - a. Investment Tax Credits that include the amortization of amounts deferred in previous years in accordance with previous provisions of the Federal Tax Code.
 - b. An adjustment to taxable net income resulting from the write-off of deferred income taxes amounts that resulted from a decrease in prior tax rates from 46% to 35%, known as the reverse South Georgia method. Additional deferred income taxes resulting from the reverse South Georgia method decrease have been grossed-up in accordance with FAS 109.

**CALIFORNIA-AMERICAN WATER COMPANY
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
CALCULATION OF TAXES ON INCOME (000's)
AT PRESENT RATES**

**FILED: UPDATE
EXHIBIT : A
CHAPTER: 6
TABLE 6.1**

	Test Year	Test Year	Escalation Year	Attrition Year	Reference
	2011	2012	2013	2014	
		@ 2011 Rates	@ 2012 Rates		
Operating Revenues	\$17,452.7	\$19,389.5	\$21,436.1	\$22,349.3	Chap 2 Table 2.3
Operating Revenue Deductions:					
Operating Exps less Uncollectibles	\$16,472.8	\$18,365.0	\$18,796.3	\$19,009.0	Chap 2 Table 2.3
Uncollectibles	\$114.6	\$127.3	\$141.0	\$147.0	Chap 2 Table 2.3
Domestic Production Activity Deduct	\$0.0	\$0.0	\$0.0	\$0.0	See EXP-700 Wkpaper
Book Depreciation	\$872.0	\$980.0	\$1,075.6	\$1,171.2	Chap 2 Table 2.3
Interest Expense	\$531.4	\$582.8	\$690.5	\$798.3	Chap 9 Table 9.2
Taxes - Other than Income	\$230.2	\$242.5	\$294.4	\$328.6	Chap 2 Table 2.3
Total Operating Revenue Deductions:					
Federal	\$18,221.0	\$20,297.7	\$20,997.8	\$21,454.1	Calculated
State	\$18,221.0	\$20,297.7	\$20,997.8	\$21,454.1	Calculated
Taxable Net-State	(\$768.2)	(\$908.2)	\$438.3	\$895.2	Calculated
State Income Tax @ 8.84%	(\$67.9)	(\$80.3)	\$38.7	\$79.1	Calculated
Less:					
Deferred Taxes	(\$0.8)	(\$0.8)	(\$0.8)	(\$0.8)	Chap 9, Table 9.8
STATE INCOME TAXES	(\$68.7)	(\$81.1)	\$37.9	\$78.3	Calculated
Taxable Net-Federal	(\$650.3)	(\$1,008.7)	\$340.6	\$777.9	
Federal Income Tax @ 35.00%	(\$227.6)	(\$353.1)	\$119.2	\$272.3	Calculated
Less:					
Deferred Taxes	(\$2.8)	(\$2.8)	(\$2.8)	(\$2.8)	Chap 9, Table 9.9
FEDERAL INCOME TAX	(\$230.4)	(\$355.9)	\$116.4	\$269.5	Calculated
TOTAL TAXES ON INCOME	(\$299.1)	(\$437.0)	\$154.3	\$347.8	Calculated

**CALIFORNIA-AMERICAN WATER COMPANY
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
CALCULATION OF TAXES ON INCOME (000's)
AT PROPOSED RATES**

**FILED: UPDATE
EXHIBIT : A
CHAPTER: 6
TABLE 6.2**

	Test Year	Test Year	Escalation Year	Attrition Year	
	2011	2012	2013	2014	Reference
Operating Revenues	\$19,379.4	\$21,425.2	\$22,338.3	\$22,999.3	Chap 2 Table 2.2
Operating Revenue Deductions:					
Operating Exps less Uncollectibles	\$16,472.8	\$18,365.0	\$18,796.3	\$19,009.0	Chap 2 Table 2.2
Uncollectibles	\$127.3	\$140.7	\$146.7	\$151.0	Chap 2 Table 2.2
Domestic Production Activity Deduct	\$0.0	\$0.0	\$0.0	\$0.0	See EXP-700 Wkpr
Book Depreciation	\$872.0	\$980.0	\$1,075.6	\$1,171.2	Chap 2 Table 2.2
Interest Expense	\$531.4	\$582.8	\$690.5	\$798.3	Chap 9 Table 9.2
Taxes - Other than Income	\$230.2	\$242.5	\$294.4	\$328.6	Chap 2 Table 2.2
Total Operating Revenue Deductions:					
Federal	\$18,233.6	\$20,311.1	\$21,003.6	\$21,458.2	Calculated
State	\$18,233.6	\$20,311.1	\$21,003.6	\$21,458.2	Calculated
Taxable Net-State	\$1,145.8	\$1,114.1	\$1,334.8	\$1,541.1	Calculated
State Income Tax @ 8.84%	\$101.3	\$98.5	\$118.0	\$136.2	Calculated
Less:					
Deferred Taxes	(\$0.8)	(\$0.8)	(\$0.8)	(\$0.8)	Chap 6 Table 6.1
STATE INCOME TAXES	\$100.5	\$97.7	\$117.2	\$135.4	Calculated
Taxable Net-Federal	\$1,263.7	\$1,013.6	\$1,237.1	\$1,423.9	Calculated
Federal Income Tax @ 35.00%	\$442.3	\$354.8	\$433.0	\$498.4	Calculated
Less:					
Deferred Taxes	(\$2.8)	(\$2.8)	(\$2.8)	(\$2.8)	Chap 6 Table 6.1
FEDERAL INCOME TAX	\$439.5	\$352.0	\$430.2	\$495.6	Calculated
TOTAL TAXES ON INCOME	\$540.0	\$449.7	\$547.4	\$631.0	

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This Chapter contains detailed information regarding utility plant in service in the San Diego (Coronado) District of California American Water for each of the years 2005 through 2013.

The Strategic Capital Expenditure Plan work paper (Capital Budget) details the additions from 2010 through 2013 projected to be in service. California American Water only added new projects where it was necessary to provide quality service and kept the number and expense of those projects to a minimum. All other years reflect actual utility plant in service from 2005 through 2009.

The retirements for all projects are calculated on the retirements work paper using a retirement factor either 1) based upon a five-year historical retirements to five-year historical addition ratio as shown on Table 7.5 of this Chapter or 2) as provided by our depreciation consultant for years 2010-2013. The manner in which the retirements were calculated is in accordance with prior precedence. All other years reflect actual retirements from 2005 through 2009.

This chapter includes tables of information presented as follows:

Table 7.1 – This table contains a calculation of Weighted Average Utility Plant in Service as recorded for the years 2005 through 2009 as well as proposed for the year 2010.

Table 7.2 – This table contains a calculation of Weighted Average Utility Plant in Service as authorized for 2008 in the prior San Diego (Coronado) District GRC and as proposed for the years 2011 through 2013.

Table 7.3 – This table contains a list, by account of Utility Plant in Service balances as of the beginning of each of the years 2005 through 2013.

Table 7.4 – This table contains a detailed listing of additions to Utility Plant in Service, by Account for each of the years 2005 through 2013.

Table 7.5 – This table contains a detailed listing of retirement from Utility Plant in Service, by account for each of the years 2005 through 2013.

Table 7.6 – This table contains a detailed list of Miscellaneous Adjustments and Reclassifications to Utility Plant in Service for each of the years 2005 through 2013.

Table 7.7 – This table contains a list, by account of Utility Plant in Service balances as of the end of each of the years 2005 through 2013.

Table 7.8 – This table contains a calculation of the percentages of increase in Weighted Average Utility Plant in Service for the years 2005 through 2012 as authorized and as proposed in this Application and as shown on a plant and plant per customer basis.

This chapter includes additions for the projects presented as follows:

FP #	FP Description	2010	2011	2012	2013
RP-0530-A	Mains - New	37,479	60,956	39,000	42,000
RP-0530-B	Mains - Replaced/Restored	49,837	61,500	59,000	60,000
RP-0530-C	Mains - Unscheduled	184,545	239,158	160,000	164,000
RP-0530-D	Mains - Relocated	25,000	25,625	15,000	15,000
RP-0530-E	Hydrants, Valves, and Manholes - New	5,000	5,125	12,000	12,000
RP-0530-F	Hydrants, Valves, and Manholes - Replaced	11,170	10,766	12,000	12,000
RP-0530-G	Services and Laterals - New	5,000	5,125	8,000	9,000
RP-0530-H	Services and Laterals - Replaced	333,222	263,207	269,000	271,000
RP-0530-I	Meters - New	10,690	8,034	8,000	8,000
RP-0530-J	Meters - Replaced	112,341	114,505	452,000	500,000
RP-0530-K	ITS Equipment and Systems	1,922	0	0	0
RP-0530-L	SCADA Equipment and Systems	10,000	0	10,000	10,000
RP-0530-M	Security Equipment and Systems	23,598	0	20,000	23,000
RP-0530-N	Offices and Operations Centers	7,697	0	20,000	21,000
RP-0530-O	Vehicles	0	0	147,000	32,000
RP-0530-P	Tools and Equipment	13,591	16,058	18,000	19,000
RP-0530-Q	Process Plant Facilities and Equipment	12,500	12,900	25,000	26,000
RP-0530-R	Capitalized Tank Rehabilitation/Painting	0	0	25,000	25,000
RP-0530-S	Comprehensive Planning Studies	294,165	100,000	0	0
05300504	COR - Hollister St 20 in Main Replac	1,214,429	0	0	0
05300603	COR - Small Main Replacement, Coronado	599,031	0	0	0
IP-0530-29	COR - Phase 3 Hollister Street Main	0	0	0	2,905,000
IP-0530-6	COR - Hollister St. 20" Main Repl - Ph 2	0	0	0	1,436,300
DV-0530	PROJECTS FUNDED BY OTHERS	174,650	175,000	180,000	186,000

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Utility Plant In Service - Recorded
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.1

Line No.	Description	Recorded Years					Est. Year	Reference
		2005	2006	2007	2008	2009	2010	
1.	Plant in Service Beg. of Year	20,481.8	21,052.1	21,889.9	23,381.9	23,856.5	25,079.9	Chapter 7 Table 3 Line 49
2.	Gross Additions During Year	605.3	919.3	1,510.6	556.1	1,294.7	3,125.9	Chapter 7 Table 4 Line 49
3.	Retirements	36.2	81.4	119.4	81.5	71.2	108.0	Chapter 7 Table 5 Line 49
4.	Sales and Adjustments	1.2	0.0	100.7	0.0	0.0	0.0	Chapter 7 Table 6 Line 49
5.	Net Additions	570.3	837.8	1,491.9	474.6	1,223.4	3,017.9	Line 2 less Line 3 plus Line 4
6.	Construction Work in Progress Beg. Bal.	33.8	106.6	405.2	12.8	492.9	627.5	Prior year Line 7
7.	Construction Work in Progress End Bal.	106.6	405.2	12.8	492.9	627.5	0.0	
8.	Net Change During Year - CWIP	72.8	298.6	-392.4	480.1	134.6	-627.5	Line 7 minus Line 6
9.	Total Beg. Utility Plant and CWIP	20,515.6	21,158.7	22,295.1	23,394.7	24,349.4	25,707.4	Line 1 plus Line 6
10.	Net Additions - Total	643.1	1,136.4	1,099.5	954.7	1,358.0	2,390.4	Line 5 plus Line 8
11.	6 Year Average Weighting Factor	49.52%	49.52%	49.52%	49.52%	49.52%	49.52%	Rate Base Workpaper RB-104
12.	Weighted Average Utility Plant	20,834.1	21,721.5	22,839.6	23,867.5	25,021.9	26,891.1	Line 9 plus (Line 10 x Line 11)

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE rate base table of contents

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Utility Plant In Service - Authorized - Proposed
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2008	2011	2012	2013	
1.	Plant in Service Beg. of Year	23,255.0	28,097.8	29,156.2	30,500.3	Chapter 7 Table 3 Line 49
2.	Gross Additions During Year	1,343.1	1,098.0	1,479.0	5,776.3	Chapter 7 Table 4 Line 49
3.	Retirements	80.9	39.6	134.9	233.4	Chapter 7 Table 5 Line 49
4.	Sales and Adjustments	0.0	0.0	0.0	0.0	Chapter 7 Table 6 Line 49
5.	Net Additions	1,262.2	1,058.4	1,344.1	5,542.9	Line 2 less Line 3 plus Line 4
6.	Construction Work in Progress Beg. Bal.	140.0	0.0	0.0	2,091.3	Prior year Line 7
7.	Construction Work in Progress End Bal.	860.0	0.0	2,091.3	500.0	Rate Base Workpaper RB-100
8.	Net Change During Year - CWIP	720.0	0.0	2,091.3	-1,591.3	Line 7 minus Line 6
9.	Total Beg. Utility Plant and CWIP	23,395.0	28,097.8	29,156.2	32,591.6	Line 1 plus Line 6
10.	Net Additions - Total	1,982.2	1,058.4	3,435.4	3,951.6	Line 5 plus Line 8
11.	6 Year Average Weighting Factor	48.23%	49.52%	49.52%	49.52%	
12.	Weighted Average Utility Plant	24,351.0	28,621.9	30,857.4	34,548.4	Line 9 plus (Line 10 x Line 11)

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE rate base table of contents

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Total Utility Plant In Service At the Beginning of The Year
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.3

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Utility Plant In Service - Beginning of Year											
1.	301	Organization	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.	302	Franchise & Consents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	303	Other Intangible Plant	0.0	0.0	0.0	100.7	116.0	125.1	419.3	519.3	519.3
4.	306	Land & Land Rights	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
5.		TOTAL LAND & INTANGIBLES	71.7	71.7	71.7	172.4	187.7	196.8	491.0	591.0	591.0
6.	311	Structures and Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	316	Supply Mains	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13.	321	Structures & Improvements	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	160.8	160.8	160.8	161.1	161.5	139.1	151.0	163.3	187.1
16.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	176.9	176.9	176.9	177.3	177.7	155.2	167.1	179.4	203.2
18.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	9.3	9.3	9.3	9.3	1.4	1.4	11.8	11.8	20.7
20.		TOTAL WATER TREATMENT	9.3	9.3	9.3	9.3	1.4	1.4	11.8	11.8	20.7
21.	341	Structures & Improvements	0.0	0.0	0.0	32.6	0.0	0.0	0.0	0.0	0.0
22.	342	Reservoirs & Tanks	1,010.8	1,011.9	1,023.7	1,029.9	1,030.0	1,160.3	1,171.7	1,171.7	1,205.6
23.	343.1	Mains - 4" & Less	290.7	315.0	319.2	320.3	351.3	361.6	361.6	361.6	361.6
24.	343.2	Mains - 6" to 10"	5,345.6	5,441.9	5,663.4	6,627.3	6,617.4	7,010.3	8,072.3	8,630.1	9,079.6
25.	343.3	Mains - 12" & More	5,260.1	5,271.4	5,271.4	5,271.5	5,287.5	5,307.1	6,468.1	6,468.1	6,468.1
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	4,455.3	4,753.6	5,228.1	5,604.3	5,959.7	6,346.5	6,676.4	6,938.1	7,208.3
28.	346	Meters	1,097.0	1,176.8	1,252.2	1,313.4	1,384.4	1,529.9	1,626.0	1,721.8	2,081.3
29.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
30.	348	Hydrants	982.1	998.7	1,060.5	1,070.4	1,092.4	1,126.4	1,142.5	1,158.4	1,182.3
31.	349	Other T & D Plant	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
32.		TOTAL OTHER TRANS & DIST PLANT	18,448.2	18,975.8	19,825.1	21,276.2	21,729.2	22,848.8	25,525.4	26,456.6	27,593.5

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Total Utility Plant In Service At the Beginning of The Year
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.3

Line No	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	251.2	251.2	256.1	247.6	252.8	252.8	253.9	253.9	256.7
34.	371.2	Stores, Shops, & Garage Str.	9.5	30.8	30.8	30.8	30.8	38.1	38.1	38.1	38.1
35.	372.1	Office Furniture (391.1)	69.5	73.0	73.0	64.2	66.0	66.7	66.7	66.7	66.7
36.	372.21	Computer & Peripherals (391.2,.21,.23)	63.7	77.9	77.7	73.1	75.3	105.8	107.1	107.1	107.1
37.	372.22	Other Office Equip (391.22,.3)	12.1	12.1	14.9	11.8	11.8	11.8	11.8	11.8	11.8
38.	372.23	Computer Software (391.26)	11.2	11.7	16.4	12.2	12.2	14.4	14.4	14.4	14.4
39.	373.11	Light Utility Trucks (392.11)	169.1	169.1	152.1	151.9	151.9	151.9	164.5	179.5	196.3
40.	373.12	Heavy Utility Trucks (392.12,.3)	326.2	326.2	291.0	252.4	252.4	252.4	252.4	252.4	275.7
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	373.3	Transportation Other (392.3)	12.2	12.2	0.0	0.0	0.0	0.0	0.0	0.0	122.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	338.4	338.4	345.7	345.4	344.4	410.0	419.7	419.7	429.4
46.	377	Power Operated Equipment	181.9	181.9	200.1	200.0	200.0	200.0	200.0	200.0	200.0
47.	378	Tools, Ship, & Garage Equip.	276.2	279.4	280.3	282.3	286.9	292.9	292.9	292.9	292.9
48.	379&390	Other General & Tangible Plant	54.4	54.4	68.9	74.8	75.8	80.6	80.6	80.6	80.6
49.		TOTAL GENERAL PLANT	20,481.8	21,052.1	21,889.9	23,381.9	23,856.5	25,079.9	28,097.8	29,156.2	30,500.3

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Details of Utility Plant Additions By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Plant Additions During the Year											
1.	301	Organization	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	302	Franchise & Consents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	303	Other Intangible Plant	0.0	0.0	0.0	15.3	9.2	294.2	100.0	0.0	0.0
4.	306	Land & Land Rights	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.		TOTAL LAND & INTANGIBLES	0.0	0.0	0.0	15.3	9.2	294.2	100.0	0.0	0.0
6.	311	Structures and Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	0.0	0.0	0.0	0.4	0.0	12.5	12.9	25.0	26.0
16.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	0.0	0.0	0.0	0.4	0.0	12.5	12.9	25.0	26.0
18.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	0.0	0.0	0.0	0.0	0.0	11.8	0.0	10.0	11.5
20.		TOTAL WATER TREATMENT	0.0	0.0	0.0	0.0	0.0	11.8	0.0	10.0	11.5
21.	341	Structures & Improvements	0.0	0.0	32.6	-32.6	0.0	0.0	0.0	0.0	0.0
22.	342	Reservoirs & Tanks	1.1	11.8	6.2	0.1	135.1	11.8	0.0	35.0	36.5
23.	343.1	Mains - 4" & Less	25.7	4.2	1.1	32.2	12.8	0.0	0.0	0.0	0.0
24.	343.2	Mains - 6" to 10"	96.3	221.6	964.1	0.5	395.5	1,070.5	562.2	453.0	3,372.0
25.	343.3	Mains - 12" & More	11.3	0.0	0.1	16.0	21.8	1,214.4	0.0	0.0	1,436.3
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	298.2	474.7	365.4	375.6	404.1	338.2	268.3	277.0	280.0
28.	346	Meters	113.5	97.9	118.9	94.6	153.5	123.0	122.5	460.0	508.0
29.	347	Meter Installations	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
30.	348	Hydrants	16.6	61.9	9.9	22.0	34.4	16.2	15.9	24.0	24.0
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	562.6	872.1	1,498.3	508.4	1,157.4	2,774.2	969.0	1,249.0	5,656.8

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Details of Utility Plant Additions By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	0.0	4.9	0.0	8.8	0.0	7.7	0.0	20.0	21.0
34.	371.2	Stores, Shops, & Garage Str.	21.3	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0
35.	372.1	Office Furniture (391.1)	3.5	0.0	0.2	2.3	3.6	0.0	0.0	0.0	0.0
36.	372.21	Computer & Peripherals (391.2, .21, .23)	14.3	0.8	7.1	11.3	30.5	1.9	0.0	0.0	0.0
37.	372.22	Other Office Equip (391.22, .3)	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	372.23	Computer Software (391.25, .26)	0.5	4.7	-4.2	0.0	2.2	0.0	0.0	0.0	0.0
39.	373.11	Light Utility Trucks (392.11)	0.0	0.0	-0.2	0.0	0.0	13.6	16.1	18.0	51.0
40.	373.12	Heavy Utility Trucks (392.12, .3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.0	0.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	0.0	-3.4	0.6	0.0	65.6	10.0	0.0	10.0	10.0
46.	377	Power Operated Equipment	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.	378	Tools, Ship, & Garage Equip.	3.2	5.9	3.0	8.6	12.1	0.0	0.0	0.0	0.0
48.	379&390	Other General & Tangible Plant	0.0	25.3	5.9	1.0	4.7	0.0	0.0	0.0	0.0
49.		TOTAL GENERAL PLANT	605.3	919.3	1,510.6	556.1	1,294.7	3,125.9	1,098.0	1,479.0	5,776.3

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE Workpapers

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Details of Utility Plant Retirements By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Plant Retirements During the Year											
1.	301	Organization	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	302	Franchise & Consents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	303	Other Intangible Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	306	Land & Land Rights	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.		TOTAL LAND & INTANGIBLES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	311	Structures and Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	0.0	0.0	0.0	0.0	22.4	0.6	0.6	1.2	1.2
16.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	0.0	0.0	0.0	0.0	22.4	0.6	0.6	1.2	1.2
18.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	0.0	0.0	0.0	7.8	0.0	1.4	0.0	1.2	1.4
20.		TOTAL WATER TREATMENT	0.0	0.0	0.0	7.8	0.0	1.4	0.0	1.2	1.4
21.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	4.8	0.4	0.0	1.1	1.1
23.	343.1	Mains - 4" & Less	1.4	0.0	0.0	1.2	2.5	0.0	0.0	0.0	0.0
24.	343.2	Mains - 6" to 10"	0.0	0.0	0.2	10.4	2.7	8.5	4.4	3.6	26.6
25.	343.3	Mains - 12" & More	0.0	0.0	0.0	0.0	2.2	53.4	0.0	0.0	63.2
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	1.2	0.2	8.3	20.3	17.3	8.3	6.6	6.8	6.9
28.	346	Meters	33.7	22.4	38.7	23.6	8.0	26.9	26.8	100.5	111.0
29.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	348	Hydrants	0.0	0.1	0.0	0.0	0.4	0.1	0.1	0.1	0.1
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	36.2	22.8	47.2	55.4	37.9	97.5	37.9	112.1	209.0

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Details of Utility Plant Retirements By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	0.0	0.0	8.1	3.6	0.0	6.6	0.0	17.2	18.0
34.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0
35.	372.1	Office Furniture (391.1)	0.0	0.0	8.9	0.5	2.8	0.0	0.0	0.0	0.0
36.	372.21	Computer & Peripherals (391.2,.21,.23)	0.0	1.0	11.6	9.2	0.0	0.7	0.0	0.0	0.0
37.	372.22	Other Office Equip (391.22,.3)	0.0	0.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
38.	372.23	Computer Software (391.25,.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	373.11	Light Utility Trucks (392.11)	0.0	17.1	0.0	0.0	0.0	0.9	1.1	1.2	3.5
40.	373.12	Heavy Utility Trucks (392.12,.3)	0.0	35.3	38.5	0.0	0.0	0.0	0.0	1.7	0.0
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	0.0	0.0	0.9	1.0	0.0	0.3	0.0	0.3	0.3
46.	377	Power Operated Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.	378	Tools, Shop, & Garage Equip.	0.0	5.1	1.0	4.0	6.1	0.0	0.0	0.0	0.0
48.	379&390	Other General & Tangible Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.		TOTAL GENERAL PLANT	36.2	81.4	119.4	81.5	71.2	108.0	39.6	134.9	233.4

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE Workpapers

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Miscellaneous Plant Adjustments and Reclassifications
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.6

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	0.0	0.0	(0.3)	0.0	0.0	0.0	0.0	0.0	0.0
34.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.	372.1	Office Furniture (391.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.	372.21	Computer & Peripherals (391.2, .21, .23)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.	372.22	Other Office Equip (391.22, .3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	372.23	Computer Software (391.25, .26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	373.11	Light Utility Trucks (392.11)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	373.12	Heavy Utility Trucks (392.12, .3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	373.3	Transportation Other (392.3)	0.0	(12.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.	377	Power Operated Equipment	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.	378	Tools, Ship, & Garage Equip.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.	379&390	Other General & Tangible Plant	0.0	(10.7)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.		TOTAL GENERAL PLANT	1.2	0.0	100.7	0.0	0.0	0.0	0.0	0.0	0.0

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Total Utility Plant In Service At the End of The Year
IN THOUSANDS 000s
SUM OF PREVIOUS PAGES

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.7

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Utility Plant in Service - End of Year											
1.	301	Organization	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.	302	Franchise & Consents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	303	Other Intangible Plant	0.0	0.0	100.7	116.0	125.1	419.3	519.3	519.3	519.3
4.	306	Land & Land Rights	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
5.		TOTAL LAND & INTANGIBLES	71.7	71.7	172.4	187.7	196.8	491.0	591.0	591.0	591.0
6.	311	Structures and Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	316	Supply Mains	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13.	321	Structures & Improvements	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	160.8	160.8	161.1	161.5	139.1	151.0	163.3	187.1	211.8
16.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	176.9	176.9	177.3	177.7	155.2	167.1	179.4	203.2	228.0
18.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	9.3	9.3	9.3	1.4	1.4	11.8	11.8	20.7	30.8
20.		TOTAL WATER TREATMENT	9.3	9.3	9.3	1.4	1.4	11.8	11.8	20.7	30.8
21.	341	Structures & Improvements	0.0	0.0	32.6	0.0	0.0	0.0	0.0	0.0	0.0
22.	342	Reservoirs & Tanks	1,011.9	1,023.7	1,029.9	1,030.0	1,160.3	1,171.7	1,171.7	1,205.6	1,241.0
23.	343.1	Mains - 4" & Less	315.0	319.2	320.3	351.3	361.6	361.6	361.6	361.6	361.6
24.	343.2	Mains - 6" to 10"	5,441.9	5,663.4	6,627.3	6,617.4	7,010.3	8,072.3	8,630.1	9,079.6	12,424.9
25.	343.3	Mains - 12" & More	5,271.4	5,271.4	5,271.5	5,287.5	5,307.1	6,468.1	6,468.1	6,468.1	7,841.2
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	4,753.6	5,228.1	5,604.3	5,959.7	6,346.5	6,676.4	6,938.1	7,208.3	7,481.4
28.	346	Meters	1,176.8	1,252.2	1,313.4	1,384.4	1,529.9	1,626.0	1,721.8	2,081.3	2,478.3
29.	347	Meter Installations	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2
30.	348	Hydrants	998.7	1,060.5	1,070.4	1,092.4	1,126.4	1,142.5	1,158.4	1,182.3	1,206.2
31.	349	Other T & D Plant	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
32.		TOTAL OTHER TRANS & DIST PLANT	18,975.8	19,825.1	21,276.2	21,729.2	22,848.8	25,525.4	26,456.6	27,593.5	33,041.3

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Total Utility Plant In Service At the End of The Year
IN THOUSANDS 000s
SUM OF PREVIOUS PAGES

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.7

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	251.2	256.1	247.6	252.8	252.8	253.9	253.9	256.7	259.7
34.	371.2	Stores, Shops, & Garage Str.	30.8	30.8	30.8	30.8	38.1	38.1	38.1	38.1	38.1
35.	372.1	Office Furniture (391.1)	73.0	73.0	64.2	66.0	66.7	66.7	66.7	66.7	66.7
36.	372.21	Computer & Peripherals (391.2,.21,.23)	77.9	77.7	73.1	75.3	105.8	107.1	107.1	107.1	107.1
37.	372.22	Other Office Equip (391.22, .3)	12.1	14.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8
38.	372.23	Computer Software (391.26)	11.7	16.4	12.2	12.2	14.4	14.4	14.4	14.4	14.4
39.	373.11	Light Utility Trucks (392.11)	169.1	152.1	151.9	151.9	151.9	164.5	179.5	196.3	243.8
40.	373.12	Heavy Utility Trucks (392.12,.3)	326.2	291.0	252.4	252.4	252.4	252.4	252.4	275.7	275.7
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	373.3	Transportation Other (392.3)	12.2	0.0	0.0	0.0	0.0	0.0	0.0	122.0	122.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	338.4	345.7	345.4	344.4	410.0	419.7	419.7	429.4	439.1
46.	377	Power Operated Equipment	181.9	200.1	200.0	200.0	200.0	200.0	200.0	200.0	200.0
47.	378	Tools, Ship, & Garage Equip.	279.4	280.3	282.3	286.9	292.9	292.9	292.9	292.9	292.9
48.	379&390	Other General & Tangible Plant	54.4	68.9	74.8	75.8	80.6	80.6	80.6	80.6	80.6
49.		TOTAL GENERAL PLANT	21,052.1	21,889.9	23,381.9	23,856.5	25,079.9	28,097.8	29,156.2	30,500.3	36,043.2

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Wgtd Avg UPIS & Percent of Increase for Auth-Rec-Prop and Per Customer
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE	7.8

Line No.	Description	RECORDED YEARS					ESTIMATED		TEST YEAR	Reference
		2005	2006	2007	2008	2009	2010	2011	2012	
1.	Weighted Average Utility Plant	20,834.1	21,721.5	22,839.6	23,867.5	25,021.9	26,891.1	28,621.9	30,857.4	Chapter 7 Table 1 & 2 Line 12
2.	Average Customers	20,824	20,828	20,786	20,783	20,814	20,859	20,873	20,887	Rev & Prod Summary
3.	Weighted Average Utility Plant Per Avg. Customer	1.00	1.04	1.10	1.15	1.20	1.29	1.37	1.48	Ln 1 / Ln 2
4.	Change in Weighted Average Utility Plant	N/A	887.4	1,118.1	1,027.8	1,154.4	1,869.2	1,730.8	2,235.5	Difference in Ln Columns
5.	Percent of Increase in Weighted Average Utility Plant	N/A	4.26%	5.15%	4.50%	4.84%	7.47%	6.44%	7.81%	Ln 4 / Prior Yr Wgth Avg PIS
6.	Percent of Incr. in Wgthd Avg Utility Plant Per Customer	N/A	0.0002%	0.0002%	0.0002%	0.0002%	0.0004%	0.0003%	0.0004%	Ln 5 / Ln 2

8

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This Chapter contains detailed information regarding the accumulated reserve for Depreciation and annual Depreciation expense for the San Diego (Coronado) District of California American Water.

The depreciation rates beginning in 2012 Test Year are being proposed based upon a depreciation study completed by an outside consultant in accordance with Standard Practice U-04-W. Salvage and Cost of Removal on Table 8.6 are calculated for the years 2010 through 2013 by using the salvage percentage provided in the depreciation study times the annual retirement amount in those years.

California American Water proposes to include the depreciation reserve calculated in this Chapter in the determination of the net rate base for its San Diego (Coronado) District. Detailed information regarding projections of those balances for the 2011 Base Year, the 2012 Test Year and the 2013 Escalation Year are included on separate Tables of this Chapter as follows:

Table 8.1 – This table contains a calculation of the Weighted Depreciation Reserve as recorded for the years 2005 through 2009 as well as proposed for the year 2010.

Table 8.2 – This table contains a calculation of the Weighted Depreciation Reserve as authorized for 2008 in the prior San Diego (Coronado) District GRC and as proposed for the years 2011 through 2013.

Table 8.3 – This table contains a list, by account of Depreciation Reserve balances as of the beginning of each of the years 2005 through 2013.

Table 8.4 – This table contains a list, by account of Annual Depreciation Accruals added to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.5 – This table contains a list, by account of Annual Retirement amounts debited to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.6 – This table contains a list, by account of Salvage and Cost of Removal amounts charged to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.7 – This table contains a list, by account of Miscellaneous Adjustment and Reclassification amounts charged to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.8 – This table contains a list, by account of Depreciation Reserve balances as of the end of each of the years 2005 through 2013.

Table 8.9 – This table contains detailed information regarding depreciation rates (existing and proposed rates), by account for the San Diego (Coronado) District.

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Depreciation Reserve - Recorded
IN THOUSANDS 000s

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EXHIBIT:	A
CHAPTER:	8
TABLE:	8.1

Line No.	Description	Recorded Years					Est. Year	Reference
		2005	2006	2007	2008	2009	2010	
1.	Depreciation Reserve Beg. of Year	8,385.5	8,913.0	9,319.1	9,736.4	10,340.7	10,928.6	Chapter 8 Table 3 Line 45
2.	Annual Accrual	512.2	412.5	471.8	603.5	598.4	834.9	Chapter 8 Table 4 Line 50
3.	Contribution Depreciation	45.7	55.7	61.3	70.6	54.7	56.5	Chapter 8 Table 4 Line 48
4.	Retirements/Debits to Depreciation	-36.2	-81.4	-119.4	-81.5	-71.2	-108.0	Chapter 8 Table 5 Line 45
5.	(Salvage) and Cost of Removal	5.8	19.4	3.5	21.8	6.1	-23.1	Chapter 8 Table 6 Line 45
6.	Depreciation Reserve Adjustment for Plant Adjustment	-0.1	0.0	0.0	-9.4	-0.1	0.0	Chapter 8 Table 7 Line 45
7.	Charged to 900 Accounts/Adjustments	0.0	0.0	0.0	0.0	0.0	0.0	Chapter 8 Table 4 Line 47
8.	Net Accrual	527.4	406.2	417.2	605.0	587.9	760.3	Line 2 + 3 + 4 + 5 + 6 + 7
9.	6 Year Average Weighting Factor	52.26%	52.26%	52.26%	52.26%	52.26%	52.26%	Rate Base Wrkpr RB-105
10.	Weighted Average Depreciation	275.6	212.3	218.0	316.2	307.2	397.3	Line 8 times Line 9
11.	WEIGHTED DEPRECIATION RESERVE	8,661.1	9,125.3	9,537.1	10,052.6	10,647.9	11,325.9	Line 1 plus Line 10

All workpapers references refer to pages that can be found in the rate base section of the workpapers - see rate base table of contents.

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Depreciation
Reserve - Authorized - Proposed
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2008	2011	2012	2013	
1.	Depreciation Reserve Beg. of Year	10,078.5	11,688.9	12,575.6	13,476.8	Chapter 8 Table 3 Line 45
2.	Annual Accrual	548.7	872.0	980.0	1,075.6	Chapter 8 Table 4 Line 50
3.	Contribution Depreciation	64.5	59.0	61.5	64.0	Chapter 8 Table 4 Line 48
4.	Retirements/Debits to Depreciation	(80.9)	-39.6	-134.9	-233.4	Chapter 8 Table 5 Line 45
5.	(Salvage) and Cost of Removal	0.6	-4.6	-5.4	-31.4	Chapter 8 Table 6 Line 45
6.	Depreciation Reserve Adjustment for Plant Adjustment	19.1	0.0	0.0	0.0	Chapter 8 Table 7 Line 45
7.	Charged to 900 Accounts/Adjustments	0.0	0.0	0.0	0.0	Chapter 8 Table 4 Line 47
8.	Net Accrual	552.0	886.8	901.2	874.9	Line 2 + 3 + 4 + 5 + 6 + 7
9.	6 Year Average Weighting Factor	51.13%	52.26%	52.26%	52.26%	Rate Base Wrkppr RB-105
10.	Weighted Average Depreciation	282.2	463.4	471.0	457.2	Line 8 times Line 9
11.	WEIGHTED DEPRECIATION RESERVE	10,360.7	12,152.3	13,046.6	13,934.0	Line 1 plus Line 10

All workpapers references refer to pages that can be found in the rate base section of the workpapers - see rate base table of contents.

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Depreciation Reserve At the Beginning of The Year
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.3

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8.	321	Structures & Improvements	7.2	7.6	7.9	8.1	8.3	8.5	8.8	9.1	10.4
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	93.6	95.0	96.5	97.4	98.2	77.2	77.9	78.6	89.4
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	100.8	102.6	104.4	105.5	106.4	85.8	86.7	87.7	99.8
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	5.2	6.0	6.7	7.0	-1.2	-0.8	0.0	3.9	10.9
15.		TOTAL WATER TREATMENT	5.2	6.0	6.7	7.0	-1.2	-0.8	0.0	3.9	10.9
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7
17.	342	Reservoirs & Tanks	413.1	443.1	473.1	503.0	525.9	538.7	557.8	577.5	605.7
18.	343.1	Mains - 4" & Less	136.2	135.9	138.2	141.9	144.2	148.2	154.8	161.4	168.5
19.	343.2	Mains - 6" to 10"	4,055.1	4,244.1	4,431.8	4,624.7	4,825.9	5,035.3	5,151.8	5,287.2	5,440.1
20.	343.3	Mains - 12" & More	-91.6	-91.6	-91.6	-91.6	-91.5	-93.2	-52.6	68.4	195.8
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	2,020.4	2,134.6	2,271.1	2,419.7	2,537.7	2,676.7	2,831.6	2,996.6	3,176.0
23.	346	Meters	422.6	461.9	513.3	529.0	587.0	664.0	712.1	764.8	775.3
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	602.1	620.9	637.7	658.4	677.7	699.2	721.5	744.1	774.4
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	1.0	1.2	1.3	2.8
27.		TOTAL OTHER TRANS & DIST PLANT	7,558.0	7,948.9	8,373.5	8,785.1	9,206.9	9,669.9	10,078.1	10,601.3	11,138.5

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Depreciation Reserve At the Beginning of The Year
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.3

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	66.0	76.8	87.8	89.5	92.0	97.5	95.6	100.7	96.8
29.	371.2	Stores, Shops, & Garage Str.	-10.3	-10.3	-10.0	-9.6	-9.4	-11.2	-10.4	-9.6	-8.0
30.	372.1	Office Furniture (391.1)	45.9	60.9	63.6	56.3	57.0	56.4	58.5	60.6	62.4
31.	372.21	Computer and Peripherals (391.2, .21, .23)	36.7	36.7	46.9	40.0	37.6	50.6	62.7	75.6	81.9
32.	372.22	Other Office Equipment (391.22, .3)	3.7	3.7	4.6	2.7	3.4	3.9	4.4	5.0	5.4
33.	372.23	Computer Software (391.26)	10.5	10.5	10.3	10.5	11.5	12.9	13.7	14.5	14.5
34.	373.11	Light Utility Trucks (392.11)	88.2	127.5	77.3	77.3	149.2	149.2	150.3	151.5	174.5
35.	373.12	Heavy Utility Trucks (392.12)	160.5	160.5	105.8	72.8	136.1	200.9	212.7	224.6	245.6
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	61.2	94.2	126.9	155.3	183.8	217.8	247.9	278.7	295.1
41.	377	Power Operated Equipment	105.4	119.4	130.1	136.6	147.7	162.8	168.0	173.3	175.0
42.	378	Tools, Shop, & Garage Equip.	142.0	161.8	174.8	187.8	195.2	201.2	213.5	225.7	231.9
43.	379	Other General Plant	12.1	13.6	16.3	19.5	22.7	20.8	21.9	23.0	25.7
44.	303 & 390	Other Intangible & Tangible Property	-0.4	0.0	0.0	0.0	1.5	10.9	284.9	558.9	818.6
45.		TOTAL GENERAL PLANT	8,385.5	8,913.0	9,319.1	9,736.4	10,340.7	10,928.6	11,688.9	12,575.6	13,476.8

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Summary Calculation of Annual Depreciation Accruals By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	321	Structures & Improvements	0.4	0.3	0.2	0.2	0.3	0.3	0.3	1.3	1.3
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	1.4	1.5	0.9	0.8	1.5	1.3	1.4	12.2	13.8
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	1.8	1.8	1.1	0.9	1.8	1.6	1.7	13.4	15.1
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.8	0.7	0.4	0.0	0.4	2.2	3.9	8.3	13.1
15.		TOTAL WATER TREATMENT	0.8	0.7	0.4	0.0	0.4	2.2	3.9	8.3	13.1
16.	341	Structures & Improvements	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
17.	342	Reservoirs & Tanks	30.0	30.0	29.9	23.0	17.6	19.6	19.7	29.5	30.3
18.	343.1	Mains - 4" & Less	0.0	4.7	3.6	3.5	6.5	6.6	6.6	7.1	7.1
19.	343.2	Mains - 6" to 10"	189.1	187.7	193.2	212.1	214.1	127.4	141.1	157.6	191.4
20.	343.3	Mains - 12" & More	0.0	0.0	0.0	0.1	0.4	110.1	121.0	127.4	140.9
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	118.3	135.6	151.3	145.9	156.2	167.3	174.9	189.6	196.8
23.	346	Meters	65.3	58.6	62.0	64.1	77.0	75.0	79.5	111.1	133.1
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	18.8	19.8	20.8	21.1	21.9	22.3	22.7	30.3	30.9
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	1.0	0.2	0.2	1.5	1.5
27.		TOTAL OTHER TRANS & DIST PLANT	421.5	436.4	460.7	470.6	494.6	528.6	565.7	654.0	732.2

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary Calculation of Annual Depreciation Accruals By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	10.8	11.0	9.8	6.0	5.5	5.1	5.1	14.2	14.3
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.3	0.4	0.2	0.3	0.8	0.8	1.6	1.6
30.	372.1	Office Furniture (391.1)	15.0	2.6	1.6	1.3	2.1	2.1	2.1	1.8	1.8
31.	372.21	Computer and Peripherals (391.2,,21,,23)	0.0	11.2	4.8	6.8	12.9	12.8	12.9	6.3	6.3
32.	372.22	Other Computer Equipment (391.22,,3)	0.0	1.1	1.2	0.7	0.5	0.5	0.5	0.5	0.5
33.	372.23	Computer Software (391.26)	0.0	-0.2	0.2	1.0	1.4	0.8	0.8	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	39.3	-34.6	0.0	66.5	0.0	2.0	2.2	24.2	28.3
35.	373.12	Heavy Utility Trucks (392.12)	0.0	-26.5	0.0	63.3	64.8	11.9	11.9	22.4	23.4
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	15.7
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	33.0	32.7	29.3	29.5	34.0	30.4	30.8	16.7	17.1
41.	377	Power Operated Equipment	14.0	10.7	6.5	11.1	15.0	5.3	5.3	1.7	1.7
42.	378	Tools, Ship, & Garage Equip.	19.8	18.0	14.0	11.5	12.2	12.2	12.2	6.2	6.2
43.	379	Other General Plant	1.5	2.7	3.1	3.2	2.9	1.1	1.1	2.7	2.7
44.	303 & 390	Other Intangible & Tangible Property	0.4	0.0	0.0	1.5	4.7	274.0	274.0	259.7	259.7
45.		TOTAL GENERAL PLANT	557.9	468.2	533.1	674.1	653.1	891.4	931.0	1,041.5	1,139.6
46.		DEDUCTIONS									
47.		Charged to 900 Accounts									
48.		Chgd to 265 Contrib. Acct.	45.7	55.7	61.3	70.6	54.7	56.5	59.0	61.5	64.0
49.		TOTAL DEDUCTIONS	45.7	55.7	61.3	70.6	54.7	56.5	59.0	61.5	64.0
50.	TOTAL	DEPRECIATION CHGD. TO ACCT. 503	512.2	412.5	471.8	603.5	598.4	834.9	872.0	980.0	1,075.6

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE Workpapers

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary of Retirements-Debits to Depreciation Reserve By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	0.0	0.0	0.0	0.0	22.4	0.6	0.6	1.2	1.2
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	0.0	0.0	0.0	0.0	22.4	0.6	0.6	1.2	1.2
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.0	0.0	0.0	7.8	0.0	1.4	0.0	1.2	1.4
15.		TOTAL WATER TREATMENT	0.0	0.0	0.0	7.8	0.0	1.4	0.0	1.2	1.4
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	4.8	0.4	0.0	1.1	1.1
18.	343.1	Mains - 4" & Less	1.4	0.0	0.0	1.2	2.5	0.0	0.0	0.0	0.0
19.	343.2	Mains - 6" to 10"	0.0	0.0	0.2	10.4	2.7	8.5	4.4	3.6	26.6
20.	343.3	Mains - 12" & More	0.0	0.0	0.0	0.0	2.2	53.4	0.0	0.0	63.2
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	1.2	0.2	8.3	20.3	17.3	8.3	6.6	6.8	6.9
23.	346	Meters	33.7	22.4	38.7	23.6	8.0	26.9	26.8	100.5	111.0
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	0.0	0.1	0.0	0.0	0.4	0.1	0.1	0.1	0.1
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	36.2	22.8	47.2	55.4	37.9	97.5	37.9	112.1	209.0

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary of Retirements-Debits to Depreciation Reserve By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	0.0	0.0	8.1	3.6	0.0	6.6	0.0	17.2	18.0
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0
30.	372.1	Office Furniture (391.1)	0.0	0.0	8.9	0.5	2.8	0.0	0.0	0.0	0.0
31.	372.21	Computer and Peripherals (391.2,,21,,23)	0.0	1.0	11.6	9.2	0.0	0.7	0.0	0.0	0.0
32.	372.22	Other Office Equipment (391.22,,3)	0.0	0.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
33.	372.23	Computer Software (391.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	0.0	17.1	0.0	0.0	0.0	0.9	1.1	1.2	3.5
35.	373.12	Heavy Utility Trucks (392.12)	0.0	35.3	38.5	0.0	0.0	0.0	0.0	1.7	0.0
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	0.0	0.0	0.9	1.0	0.0	0.3	0.0	0.3	0.3
41.	377	Power Operated Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	378	Tools, Shop, & Garage Equip.	0.0	5.1	1.0	4.0	6.1	0.0	0.0	0.0	0.0
43.	379	Other General Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.		TOTAL GENERAL PLANT	36.2	81.4	119.4	81.5	71.2	108.0	39.6	134.9	233.4

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Salvage and Cost of Removal By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.6

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.		TOTAL WATER TREATMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.2
18.	343.1	Mains - 4" & Less	1.0	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	343.2	Mains - 6" to 10"	0.0	0.0	0.0	0.0	-1.9	-2.5	-1.3	-1.1	-8.0
20.	343.3	Mains - 12" & More	0.0	0.0	0.0	0.0	0.0	-16.0	0.0	0.0	-19.0
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	-3.0	1.0	-4.2	2.4	0.2	-4.2	-3.3	-3.4	-3.4
23.	346	Meters	7.7	15.2	2.2	19.4	8.0	0.0	0.0	0.0	0.0
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	0.0	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	5.8	11.0	-2.0	21.8	6.2	-22.8	-4.6	-4.7	-30.6

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Salvage and Cost of Removal By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.6

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	-0.9	-0.9
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	372.1	Office Furniture (391.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.	372.21	Computer and Peripherals (391.2,.21,.23)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.	372.22	Other Office Equipment (391.22,.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.	372.23	Computer Software (391.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	0.0	1.4	0.0	0.0	0.0	0.1	0.1	0.1	0.3
35.	373.12	Heavy Utility Trucks (392.12)	0.0	7.0	5.5	0.0	0.0	0.0	0.0	0.3	0.0
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.	377	Power Operated Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	378	Tools, Shop, & Garage Equip.	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
43.	379	Other General Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.		TOTAL GENERAL PLANT	5.8	19.4	3.5	21.8	6.1	-23.1	-4.6	-5.4	-31.4

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Miscellaneous Depreciation Reserve Adjustments and Reclassifications
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.7

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements				0.0					
2.	312	Collecting & Impounding Reservoirs				0.0					
3.	313	Lake, River and Other Intake									
4.	315	Wells & Springs				0.0					
5.	316	Supply Mains				0.0					
6.	317	Other Source of Supply Plant				0.0					
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	321	Structures & Improvements				0.0					
9.	323	Other Power Production Equipment									
10.	324	Electric Pumping Equipment				0.0					
11.	325	Other Pumping Equipment				0.0					
12.		TOTAL PUMPING PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	331	Structures & Improvements				0.0					
14.	332	Water Treatment Equipment				-0.4					
15.		TOTAL WATER TREATMENT	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0
16.	341	Structures & Improvements									
17.	342	Reservoirs & Tanks				0.0					
18.	343.1	Mains - 4" & Less				0.0					
19.	343.2	Mains - 6" to 10"	-0.1			-0.7					
20.	343.3	Mains - 12" & More				0.0					
21.	344	Fire Mains									
22.	345	Services			9.9	-10.0	-0.1				
23.	346	Meters			-9.9	-1.8					
24.	347	Meter Installations									
25.	348	Hydrants				-1.8					
26.	349	Other T & D Plant				0.0					
27.		TOTAL OTHER TRANS & DIST PLANT	-0.1	0.0	0.0	-14.4	-0.1	0.0	0.0	0.0	0.0

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Miscellaneous Depreciation Reserve Adjustments and Reclassifications
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.7

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures									
29.	371.2	Stores, Shops, & Garage Str.				0.0					
30.	372.1	Office Furniture (391.1)				0.0					
31.	372.21	Computer and Peripherals (391.2, .21, .23)				0.0					
32.	372.22	Other Office Equipment (391.22, .3)				0.0					
33.	372.23	Computer Software (391.26)				0.0					
34.	373.11	Light Utility Trucks (392.11)				5.4					
35.	373.12	Heavy Utility Trucks (392.12)				0.0					
36.	373.2	Automobiles (392.2)				0.0					
37.	373.3	Transportation Other (392.3)				0.0					
38.	374	Stores Equipment				0.0					
39.	375	Laboratory Equipment				0.0					
40.	376	Communication Equipment				0.0					
41.	377	Power Operated Equipment				0.0					
42.	378	Tools, Shop, & Garage Equip.				0.0					
43.	379	Other General Plant				0.0	-4.8				
44.	303 & 390	Other Intangible & Tangible Property				0.0	4.8				
45.		TOTAL GENERAL PLANT	-0.1	0.0	0.0	-9.4	-0.1	0.0	0.0	0.0	0.0

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Depreciation Reserve At the End of The Year
IN THOUSANDS 000s
SUM OF PREVIOUS PAGES

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.8

Line No.	P U C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8.	321	Structures & Improvements	7.6	7.9	8.1	8.3	8.5	8.8	9.1	10.4	11.7
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	95.0	96.5	97.4	98.2	77.2	77.9	78.6	89.4	101.8
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	102.6	104.4	105.5	106.4	85.8	86.7	87.7	99.8	113.5
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	6.0	6.7	7.0	-1.2	-0.8	0.0	3.9	10.9	22.6
15.		TOTAL WATER TREATMENT	6.0	6.7	7.0	-1.2	-0.8	0.0	3.9	10.9	22.6
16.	341	Structures & Improvements	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7
17.	342	Reservoirs & Tanks	443.1	473.1	503.0	525.9	538.7	557.8	577.5	605.7	634.7
18.	343.1	Mains - 4" & Less	135.9	138.2	141.9	144.2	148.2	154.8	161.4	168.5	175.6
19.	343.2	Mains - 6" to 10"	4,244.1	4,431.8	4,624.7	4,825.9	5,035.3	5,151.8	5,287.2	5,440.1	5,596.9
20.	343.3	Mains - 12" & More	-91.6	-91.6	-91.6	-91.5	-93.2	-52.6	68.4	195.8	254.5
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	2,134.6	2,271.1	2,419.7	2,537.7	2,676.7	2,831.6	2,996.6	3,176.0	3,362.5
23.	346	Meters	461.9	513.3	529.0	587.0	664.0	712.1	764.8	775.3	797.5
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	620.9	637.7	658.4	677.7	699.2	721.5	744.1	774.4	805.2
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	1.0	1.2	1.3	2.8	4.2
27.		TOTAL OTHER TRANS & DIST PLANT	7,948.9	8,373.5	8,785.1	9,207.7	9,670.6	10,078.8	10,602.0	11,139.2	11,631.9

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Depreciation Reserve At the End of The Year
IN THOUSANDS 000s
SUM OF PREVIOUS PAGES

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.8

Line No.	P.U.C. Account No	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28	371.1	Office Structures	76.8	87.8	89.5	92.0	97.5	95.6	100.7	96.8	92.2
29	371.2	Stores, Shops, & Garage Str.	-10.3	-10.0	-9.6	-9.4	-11.2	-10.4	-9.6	-8.0	-6.4
30	372.1	Office Furniture (391.1)	60.9	63.6	56.3	57.0	56.4	58.5	60.6	62.4	64.3
31	372.21	Computer and Peripherals (391.2,.21,.23)	36.7	46.9	40.0	37.6	50.6	62.7	75.6	81.9	88.2
32	372.22	Other Office Equipment (391.22,.3)	3.7	4.6	2.7	3.4	3.9	4.4	5.0	5.4	5.9
33	372.23	Computer Software (391.26)	10.5	10.3	10.5	11.5	12.9	13.7	14.5	14.5	14.5
34	373.11	Light Utility Trucks (392.11)	127.5	77.3	77.3	149.2	149.2	150.3	151.5	174.5	199.7
35	373.12	Heavy Utility Trucks (392.12)	160.5	105.8	72.8	136.1	200.9	212.7	224.6	245.6	269.0
36	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	23.5
38	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	376	Communication Equipment	94.2	126.9	155.3	183.8	217.8	247.9	278.7	295.1	311.9
41	377	Power Operated Equipment	119.4	130.1	136.6	147.7	162.8	168.0	173.3	175.0	176.7
42	378	Tools, Shop, & Garage Equip.	161.8	174.8	187.8	195.2	201.2	213.5	225.7	231.9	238.1
43	379	Other General Plant	13.6	16.3	19.5	22.7	20.8	21.9	23.0	25.7	28.4
44	303 & 390	Other Tangible Property	0.0	0.0	0.0	1.5	10.9	284.9	558.9	818.6	1,078.3
45		TOTAL GENERAL PLANT	8,913.0	9,319.1	9,736.4	10,341.4	10,929.3	11,689.6	12,576.3	13,477.5	14,352.4

**CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Detailed Depreciation Rates By Account
AT DECEMBER 31, 2008**

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EXHIBIT:	A
CHAPTER:	8
TABLE:	8.9

Account	PUC Acct.	Plant at 12/31/2008	Existing Accrual Rates	Accrual at Existing Rates	Proposed Accrual Rates	Accrual at Proposed Rates	Change in Expense
304200-Struct & Imp-Pumping	321	16,148.02	1.75%	281.91	8.00%	1,291.84	1,009.93
304600-Struct & Imp-Offices	371	274,080.66	2.00%	5,479.86	5.55%	15,211.48	9,731.62
304700-Struct & Imp-Store,Shop,Gar	371	9,480.74	2.18%	206.28	4.12%	390.61	184.33
307000-Wells and Springs New	315				3.33%	*	
309000-Supply Mains	316	143.36	1.89%	2.71	0.89%	1.28	(1.43)
311200-Pump Eqp Electric	324	161,508.42	0.92%	1,492.22	6.94%	11,208.68	9,716.46
311500-Pump Equip Other New	325				4.11%	*	
330000-Dist Reservoirs & Standpipes	342	1,023,575.53	1.68%	17,150.86	2.48%	25,384.67	8,233.81
330200-Ground Level Tanks	342	6,278.05	2.23%	140.29	2.67%	167.62	27.33
331100-TD Mains 4in & Less	343	351,299.10	1.82%	6,401.25	1.97%	6,920.59	519.34
331200-TD Mains 6in to 8in	343	6,183,758.56	1.69%	104,285.25	1.78%	110,070.90	5,785.65
333000-Services	345	5,959,691.49	2.57%	152,938.02	2.68%	159,719.73	6,781.71
334100-Meters	346	1,384,352.70	4.75%	65,702.13	5.84%	80,846.20	15,144.07
334200-Meter Installations New	347				5.00%	*	
335000-Hydrants	348	1,092,376.25	1.97%	21,570.51	2.59%	28,292.54	6,722.03
339500-Other P/E-TD	349	6,531.55	2.76%	180.27	22.22%	1,451.31	1,271.04
340100-Office Furniture & Equip	372	65,973.63	3.19%	2,105.14	2.72%	1,794.48	(310.66)
340200-Comp & Periph Equip	372	75,326.90	12.03%	9,061.69	5.87%	4,421.69	(4,640.00)
340300-Computer Software	372	12,205.64	5.63%	687.49	1.84%	224.58	(462.91)
340500-Other Office Equipment	372	11,814.07	4.47%	528.24	3.92%	463.11	(65.13)
341100-Trans Equip Lt Duty Trks	373	151,885.92	-60.01%	(91,141.72)	1.26%	1,913.76	93,055.48
341200-Trans Equip Hvy Duty Trks	373	252,438.25	-13.19%	(33,287.84)	4.70%	11,864.60	45,152.44
341100-Trans Equip Lt Duty Trks New	373				12.86%	*	
341200-Trans Equip Hvy Duty Trks New	373				8.50%	*	
341400-Trans Equip Other New	373				12.86%	*	
343000-Tools,Shop,Garage Equip	378	286,865.29	4.17%	11,976.02	2.13%	6,110.23	(5,865.79)
345000-Power Operated Equipment	377	200,043.36	2.63%	5,270.46	0.86%	1,720.37	(3,550.09)
346100-Comm Equip Non-Telephone	376	344,413.96	7.33%	25,248.30	3.93%	13,535.47	(11,712.83)
347000-Misc Equipment	379	66,761.68	4.22%	2,815.68	10.13%	6,762.96	3,947.28
348000-Other Tangible Property	390	9,248.79	3.29%	304.43	4.52%	418.05	113.62

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Detailed Depreciation Rates By Account
 AT DECEMBER 31, 2008

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CHAPTER:	8
TABLE:	8.9

Account	PUC Acct.	Plant at 12/31/2008	Existing Accrual Rates	Accrual at Existing Rates	Proposed Accrual Rates	Accrual at Proposed Rates	Change in Expense
Total Coronado		17,946,201.92		309,399.45		490,186.76	180,787.31

*New additions to the above accounts will reflect proposed life and net salvage parameters

320100-WT Equip Non-Media	332	402.01	111.28%	447.36	125.12%	502.99	55.63
339300-Other P/E WT	332	1,044.14	2.76%	28.82	22.22%	232.01	203.19
Total		1,446.15		476.18		735.00	
Composite Rate			32.93%		50.82%		
331300-TD Mains 10in to 16in	343	5,705,043.73	1.87%	106,621.05	1.97%	112,389.36	5,768.31
331400-TD Mains 18in & Grtr	343	16,140.20	1.90%	306.25	1.76%	284.07	(22.18)
Total		5,721,183.93		106,927.30		112,673.43	
Composite Rate			1.87%		1.97%		

9

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This Chapter contains detailed information regarding the various components of utility plant in service and other investments that have been made or are forecasted to be made by California American Water in property. The only property investments proposed are required and essential to provide quality service to customers in its San Diego (Coronado) District. The amount of those investments is reduced by externally financed investments as summarized on Table 9.2 in order to arrive at the net cost of the rate base that will be in place between December 31, 2012 and December 31, 2013.

Detailed information supporting California American Water forecasts and rate base calculations are included as separate Tables of this Chapter as follows:

Table 9.1 – This table contains a calculation of Weighted Average Rate Base as recorded for the years 2005 through 2009 as well as proposed for the year 2010.

Table 9.2 – This table contains a calculation of Weighted Average Rate Base as authorized for 2008 in the prior San Diego (Coronado) District GRC and as proposed for the years 2011 through 2013.

Table 9.3 – This table contains balances in Materials and Supplies investments for the years 2005 through 2013.

Table 9.4 – This table contains a calculation of investments in Working Cash required by the San Diego (Coronado) District to support its day-to-day operation.

Table 9.5 – This table contains information about Advances for Construction available to the San Diego (Coronado) District for the years 2005 through 2013 to offset construction costs as a source of external cash used to reduce total Rate Base investment.

Table 9.6 – This table contains information about Net Contributions available to the San Diego (Coronado) District for the years 2005 through 2013 to offset construction costs as a source of external cash used to reduce total Rate Base investment.

Table 9.7 – This table contains information about the Taxable Average Accumulated Deferred Reserve associated with a portion of Net Contributions that reduces that portion of the availability of that source of external cash.

Table 9.8 – This table contains information about the amount of Average Annual State Deferred Taxes available as a source of external cash used to reduce total Rate Base investment.

Table 9.9 – This table contains information about the amount of Average Annual Federal Deferred Taxes available as a source of external cash used to reduce total Rate Base investment.

Table 9.10 – This table contains calculations of percentages of increase in the Weighted Average Rate Base for the years 2005 through 2012 as authorized and as proposed in this Application and as shown on a Rate Base Component and a Rate Base per Customer basis.

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Rate Base -Recorded
IN THOUSANDS 000s

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CHAPTER:	9
TABLE:	9.1

Line No.	Description	Recorded Years					Est. Year	Reference
		2005	2006	2007	2008	2009	2010	
1.	Weighted Average Utility Plant in Service	20,834.1	21,721.5	22,839.6	23,867.5	25,021.9	26,891.1	Chapter 7 Table 1 Line 12
2.	Materials and Supplies	65.3	84.8	91.5	107.5	140.9	105.2	Chapter 9 Table 3 Line 1
3.	Working Cash, Operational	1,180.3	1,019.3	146.2	833.9	885.8	865.0	Chapter 9 Table 4 Line 26
4.	Working Cash, Lead Lag	819.5	844.7	516.8	512.3	517.6	522.9	D.08-03-022
5.	SUBTOTAL	22,899.2	23,670.3	23,594.2	25,321.1	26,566.2	28,384.2	Line 1 + 2 + 3 +4
6.	LESS DEDUCTIONS FROM RATE BASE							
7.	Weighted Average Depreciation Reserve	(8,661.1)	(9,125.3)	(9,537.1)	(10,052.6)	(10,647.9)	(11,325.9)	Chapter 8 Table 1 Line 11
8.	Advances for Construction	(202.3)	(177.2)	(164.5)	(155.9)	(147.4)	(138.8)	Chapter 9 Table 5 Line 15
	Unamortized Advances (20 Year Amortization)	0.0	0.0	0.0	0.0	0.0	0.0	Chapter 9 Table 6 Line 23 Plus Table 7 Line 32
9.	Contributions in Aid of Construction	(2,094.3)	(2,326.7)	(2,545.7)	(2,578.8)	(2,562.4)	(2,630.6)	
	Unamortized Contributions (20 Year Amortization)	0.0	0.0	0.0	0.0	0.0	0.0	
10.	Accumulated Deferred Federal Income Taxes	(620.1)	(637.2)	(687.4)	(743.7)	(853.5)	(851.1)	Chapter 9 Table 9 Line 19
11.	Accumulated Deferred State Income Taxes	(171.9)	(176.6)	(190.5)	(206.1)	(238.1)	(244.7)	Chapter 9 Table 8 Line 19
12.	SUBTOTAL DEDUCTIONS	(11,749.7)	(12,443.0)	(13,125.2)	(13,737.2)	(14,449.3)	(15,191.1)	Line 7 + 8 + 9 +10 +11
13.	General Office Allocation	0.0	0.0	0.0	0.0	0.0	0.0	
14.	WEIGHTED AVERAGE RATE BASE	11,149.5	11,227.3	10,468.9	11,584.0	12,116.9	13,193.1	Line 5 + 12

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average
Rate Base - Authorized - Proposed
IN THOUSANDS 000s

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CHAPTER:	9
TABLE:	9.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2008	2011	2012	2013	
1.	Weighted Average Utility Plant in Service	24,351.0	28,621.9	30,857.4	34,548.4	Chapter 7 Table 2 Line 12
2.	Materials and Supplies	69.4	108.5	112.0	115.5	Chapter 9 Table 3 Line 1
3.	Working Cash, Operational	915.3	837.6	827.0	823.0	Chapter 9 Table 4 Line 26
4.	Working Cash, Lead Lag	537.7	528.2	487.0	477.0	Rate Base Wrkppr RB-109
5.	SUBTOTAL	25,873.4	30,096.2	32,283.4	35,963.8	Line 1 + 2 + 3 +4
6.	LESS DEDUCTIONS FROM RATE BASE					
7.	Weighted Average Depreciation Reserve	(10,360.7)	(12,152.3)	(13,046.6)	(13,934.0)	Chapter 8 Table 2 Line 11
8.	Advances for Construction	(163.4)	(130.2)	(121.7)	(113.1)	Chapter 9 Table 5 Line 15 Chapter 9 Table 6 Line 23
9.	Contributions in Aid of Construction	(2,663.6)	(2,739.7)	(2,849.4)	(2,962.3)	Plus Table 7 Line 32
10.	Accumulated Deferred Federal Income Taxes	(1,081.6)	(711.7)	(563.4)	(412.2)	Chapter 9 Table 9 Line 19
11.	Accumulated Deferred State Income Taxes	(299.7)	(218.0)	(189.9)	(161.3)	Chapter 9 Table 8 Line 19
12.	SUBTOTAL DEDUCTIONS	(14,569.0)	(15,952.0)	(16,771.0)	(17,582.9)	Line 7 + 8 + 9 +10 +11
13.	General Office Allocation	909.6	0.0	0.0	0.0	
14.	WEIGHTED AVERAGE RATE BASE	12,214.0	14,144.3	15,512.4	18,380.9	Line 5 + 12
15.	Weighted Cost of Debt	3.60%	3.76%	3.76%	3.76%	Exh C - Table C-1
16.	Rate Making Interest	439.7	531.4	582.8	690.5	Ln 14 x Ln 15

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Table Summarizing Materials and Supplies Balances
 IN THOUSANDS 000s

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CHAPTER:	9
TABLE:	9.3

Line No.	ITEM	Recorded Years					Est. Year	FIVE Year Average	Estimated Years		
		2005	2006	2007	2008	2009	2010		2011	2012	2013
1.	TOTALS	65.3	84.8	91.5	107.5	140.9	105.2	101.2	108.5	112.0	115.5
	Inflation Factor	1.1230	1.0714	1.0353	0.9864	1.0000	1.0400		1.0316	1.0318	1.0310
	Inflation Adjusted	73.3	90.9	94.7	106.0	140.9					

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Cash Working Capital - Operational
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.4

Line No.	ITEM	Recorded Years					Est. Year	FIVE YEAR AVERAGE	Estimated Years		
		2005	2006	2007	2008	2009	2010		2011	2012	2013
1.	DEPOSITS										
2.	CO District	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	WORKING FUNDS										
5.	CO District	0.8	0.8	0.8	0.8	0.0	0.6	0.6	0.6	0.6	0.6
7.	MISC. RECEIVABLES										
8.	CO District	0.0	0.0	0.0	0.0	94.6	18.9	18.9	18.9	18.9	18.9
10.	PREPAYMENTS										
11.	CO District										
12.											
13.	Other	1,092.4	958.2	0.5	0.2	5.5	411.3	411.3	411.3	411.3	411.3
14.	Taxes	69.8	47.3	47.4	766.9	638.2	313.9	313.9	313.9	313.9	313.9
20.	DEFERRED DEBITS										
21.	Prg Maint - Tank Painting	17.3	13.0	97.5	66.0	147.5	120.2	68.3	92.8	82.2	78.2
22.	Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.	Deferred Rate Case Expense	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.	Balancing & Memo Account	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	Corp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.	TOTALS	1,180.3	1,019.3	146.2	833.9	885.8	865.0	813.1	837.6	827.0	823.0

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Advances for Construction
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.5

Line No	Description	Recorded Years					Estimated Years					
		2005	2006	2007	2008	2009	2010	2011	2012	2013		
1	ACQUIRED ADVANCES DURING YEAR											
2	SUMMARY, PROJECTED INVESTMENT PORTION											
3	Additions During the Year	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		Dev/Contrib RB Wrkpr RB-100
4	Refunds on Additions During the Year	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		ADDITIONS/40YEARS
5	SUMMARY, PROJECTED GROSS UP PORTION											
6	Taxable Gross-Up Additions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		50% of ADDITIONS
7	Gross-Up Percentage	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%		RULE 15 TARIFF %
8	Total Gross Up Additions During the Year	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	Refunds on Gross Ups	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		ADDITIONS/40YEARS
10	SUMMARY, TOTAL ACCOUNT INCLUDING GROSS UP BEGINNING OF YEAR BALANCE	218.8	185.7	168.8	160.2	151.6	143.1	134.5	126.0	117.4		Calculated
11	Additions During Year	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		Recorded and Calculated from Lines 3 and 8
12	Refunds	33.1	16.9	8.6	8.6	8.6	8.6	8.6	8.6	8.6		Recorded and Calculated from Lines 4 and 9
13	Transfer to Contributions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	END OF YEAR BALANCE ADV FOR CONSTRUCTION	185.7	168.8	160.2	151.6	143.1	134.5	126.0	117.4	108.8		Calculated
15	FOR RATE BASE	202.3	177.2	164.5	155.9	147.4	138.8	130.2	121.7	113.1		Calculated

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Net Contributions for Rate Base
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.6

Line No	Description	Recorded Years					Estimated Years					
		2005	2006	2007	2008	2009	2010	2011	2012	2013		
C.I.A.C. NON-TAXABLE												
1	<u>Gross Contributions</u>											
2	Beginning of Year Balance	2,401.6	2,552.9	2,813.1	2,940.4	2,920.9	2,966.8	3,076.8	3,187.1	3,300.5	Calculated	
3	Additions During Year	151.2	260.3	127.2	-19.5	45.9	110.0	110.3	113.4	117.2	Used 63% of	
4	End of Year Balance	2,552.9	2,813.1	2,940.4	2,920.9	2,966.8	3,076.8	3,187.1	3,300.5	3,417.6	Dev/Contrib RB Wrkpr RB-100	
5	AVERAGE FOR THE YEAR	2,477.3	2,683.0	2,876.8	2,930.6	2,943.8	3,021.8	3,131.9	3,243.8	3,359.1	Calculated	
6	Depreciation Charged to Contributions											
7	Beginning of Year Balance	863.7	900.2	943.9	991.6	1,048.8	1,089.8	1,131.9	1,175.5	1,220.7	Calculated	
8	Charged During Year	36.5	43.7	47.7	57.3	41.0	42.1	43.6	45.2	46.8	Calculated	
9	End of Year Balance	900.2	943.9	991.6	1,048.8	1,089.8	1,131.9	1,175.5	1,220.7	1,267.5	Calculated	
10	AVERAGE FOR THE YEAR	881.9	922.0	967.7	1,020.2	1,069.3	1,110.9	1,153.7	1,198.1	1,244.1	Calculated	
11	NET AVG CONTRIB IN AID OF CONSTRUCT FOR RATE BASE, PRIOR TO 1987	1,595.3	1,761.0	1,909.0	1,910.5	1,874.5	1,910.9	1,978.2	2,045.6	2,114.9	Calculated	
C.I.A.C. TAXABLE		2246.7	2583.1	2718.8	2662.5	2692.5	2810.6	2926.7	3045.2	3167.2		
12	<u>Gross Contributions</u>											
13	Beginning of Year Balance	661.7	718.8	850.6	920.4	954.1	993.0	1,057.6	1,122.4	1,189.0	Calculated	
14	Additions During Year	57.1	131.8	69.8	33.7	38.9	64.6	64.8	66.6	68.8	Used 37% of	
15	End of Year Balance	718.8	850.6	920.4	954.1	993.0	1,057.6	1,122.4	1,189.0	1,257.8	Dev/Contrib RB Wrkpr RB-100	
16	AVERAGE FOR THE YEAR	690.2	784.7	885.5	937.3	973.6	1,025.3	1,090.0	1,155.7	1,223.4	Calculated	
17	Depreciation Charged to Contributions											
18	Beginning of Year Balance	115.6	124.8	136.7	150.4	163.8	177.5	191.9	207.2	223.5	Calculated	
19	Charged During Year	9.2	11.9	13.6	13.4	13.7	14.4	15.3	16.3	17.2	Calculated	
20	End of Year Balance	124.8	136.7	150.4	163.8	177.5	191.9	207.2	223.5	240.7	Calculated	
21	AVERAGE FOR THE YEAR	120.2	130.8	143.6	157.1	170.6	184.7	199.6	215.4	232.1	Calculated	
22	NET CONTRIB IN AID OF CONSTRUCTION FOR RATE BASE, 1987 AND LATER	570.0	653.9	742.0	780.2	803.0	840.7	890.5	940.3	991.3	Calculated	
23	TOTAL NET CONTRIB FOR RATE BASE	2,165.4	2,414.9	2,651.0	2,690.7	2,677.5	2,751.6	2,868.7	2,986.0	3,106.2	Calculated	

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Accumulated Taxable Average CIAC Reserve
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.7

Line No	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
1	ACCUM DEFERRED REVENUES, BEG OF YEAR BAL	65.9	76.2	100.1	110.5	113.2	116.9	125.2	132.8	140.3	Recorded & Calculated
2	Additions During Year										
3	Investment	57.1	131.8	69.8	33.7	38.9	64.6	64.8	66.6	68.8	From Table 9.6
4	Gross-Up Percentage	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	Rule 15 Tariff
5	Gross-Up	19.2	44.3	23.4	11.3	13.1	21.7	21.7	22.4	23.1	Calculated
6	Composite Income Tax Rate	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	
7	Taxes Payable on Gross-Up	7.8	18.1	9.5	4.6	5.3	8.8	8.8	9.1	9.4	Calculated
8	Deferred Revenues Generated	11.4	26.2	13.9	6.7	7.8	12.9	12.9	13.3	13.7	Calculated
9	Amortization of Deferred Revenues Based on MACRS Depreciation Rates										
10	Depreciation Rate										
11	Vintage 2005	3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	4.888%	4.522%	4.462%	MACRS Deprec rate 20
12	Vintage 2006		3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	4.888%	4.522%	
13	Vintage 2007			3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	4.888%	
14	Vintage 2008				3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	
15	Vintage 2009					3.750%	7.219%	6.677%	6.177%	5.713%	
16	Vintage 2010						3.750%	7.219%	6.677%	6.177%	
17	Vintage 2011							3.750%	7.219%	6.677%	
18	Vintage 2012								3.750%	7.219%	
19	Vintage 2013									3.750%	
20	Amortization										
20	Vintage 2005	0.4	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	Calculated
21	Vintage 2006		1.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	
22	Vintage 2007			0.5	1.0	0.9	0.9	0.8	0.7	0.7	
23	Vintage 2008				0.3	0.5	0.4	0.4	0.4	0.4	
24	Vintage 2009					0.3	0.6	0.5	0.5	0.4	
25	Vintage 2010						0.5	0.9	0.9	0.8	
26	Vintage 2011							0.5	0.9	0.9	
27	Vintage 2012								0.5	1.0	
28	Vintage 2013									0.5	
29	Pre-2005 Amortizations	0.7	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.1	
30	Total Amortization	1.1	2.3	3.6	3.9	4.1	4.6	5.2	5.8	6.5	Calculated
31	ACCUM DEFERRED REVENUES, END OF YEAR BAL	76.2	100.1	110.5	113.2	116.9	125.2	132.8	140.3	147.5	Calculated
32	ACCUM DEFERRED REVENUES ASSOCIATED WITH TAXABLE C.I.A.C., AVERAGE FOR THE YEAR	71.1	88.2	105.3	111.8	115.1	121.0	129.0	136.6	143.9	Calculated

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Average Annual State Deferred Tax Balance
All pre 2010 values are allocated recorded CAW amounts
All post 2009 values are calculated based on current tax codes

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.8

Line No	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
1	BEGINNING OF YEAR BALANCE										
2	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	Prior Mo Ending Balance
3	Plant Related	(243,628)	(249,240)	(240,703)	(252,029)	(262,428)	(302,710)	(274,838)	(248,579)	(217,738)	
4	C. I. A. C. Related	52,942	69,848	42,176	46,369	34,225	34,608	34,991	35,373	35,756	
5	Deferred Assets Related	13,587	12,746	11,971	11,195	10,418	9,642	8,866	8,090	7,314	
6	TOTAL	(177,099)	(166,646)	(186,557)	(194,465)	(217,785)	(258,460)	(230,982)	(205,116)	(174,668)	Ln 2 thru Ln 5
7	ANNUAL CHANGE										
8	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
9	Plant Related	(5,612)	8,537	(11,326)	(10,399)	(40,282)	27,871	26,259	30,841	27,109	RB-108 Defrd Tax WP
10	C. I. A. C. Related	16,906	(27,672)	4,193	(12,144)	383	383	383	383	383	Net Change 2009
11	Deferred Assets Related	(841)	(775)	(776)	(776)	(776)	(776)	(776)	(776)	(776)	Net Change 2009
12	TOTAL	10,453	(19,910)	(7,909)	(23,320)	(40,675)	27,478	25,866	30,448	26,716	Ln 8 thru Ln 11
13	END OF YEAR BALANCE										
14	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
15	Plant Related	(249,240)	(240,703)	(252,029)	(262,428)	(302,710)	(274,838)	(248,579)	(217,738)	(190,629)	Ln 3 + Ln 9
16	C. I. A. C. Related	69,848	42,176	46,369	34,225	34,608	34,991	35,373	35,756	36,139	Ln 4 + Ln 10
17	Deferred Assets Related	12,746	11,971	11,195	10,418	9,642	8,866	8,090	7,314	6,537	Ln 5 + Ln 11
18	TOTAL	(166,646)	(186,557)	(194,465)	(217,785)	(258,460)	(230,982)	(205,116)	(174,668)	(147,952)	Calculated
19	AVERAGE ANNUAL STATE BALANCE	(171,873)	(176,601)	(190,511)	(206,125)	(238,122)	(244,721)	(218,049)	(189,892)	(161,310)	Calculated

CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Average Annual Federal Deferred Tax Balance
All pre 2010 values are allocated recorded CAW amounts
All post 2009 values are calculated based on current tax codes

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.9

Line No	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
1	BEGINNING OF YEAR BALANCE										
2.	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
3	Plant Related	(879,103)	(899,355)	(868,544)	(909,408)	(946,942)	(1,080,912)	(939,342)	(799,293)	(639,896)	Prior Mo Ending Balance
4	C. I. A. C. Related	191,082	252,100	152,223	167,357	123,526	124,908	126,290	127,671	129,053	
5.	Deferred Assets Related	49,038	46,003	43,202	40,400	37,598	34,797	31,995	29,194	26,392	
6	TOTAL	(638,983)	(601,252)	(673,120)	(701,650)	(785,818)	(921,207)	(781,057)	(642,428)	(484,450)	Ln 2 thru Ln 5
7.	ANNUAL CHANGE										
8.	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
9.	Plant Related	(20,252)	30,811	(40,864)	(37,534)	(133,970)	141,569	140,049	159,398	145,967	RB-108 Defrtd Tax WP
10	C. I. A. C. Related	61,018	(99,877)	15,135	(43,831)	1,382	1,382	1,382	1,382	1,382	Net Change 2009
11.	Deferred Assets Related	(3,035)	(2,802)	(2,801)	(2,802)	(2,801)	(2,801)	(2,801)	(2,801)	(2,801)	Net Change 2009
12.	TOTAL	37,731	(71,868)	(28,531)	(84,168)	(135,389)	140,150	138,629	157,978	144,547	Ln 8 thru Ln 11
13	END OF YEAR BALANCE										
14.	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
15	Plant Related	(899,355)	(868,544)	(909,408)	(946,942)	(1,080,912)	(939,342)	(799,293)	(639,896)	(493,929)	Ln 3 + Ln 9
16.	C. I. A. C. Related	252,100	152,223	167,357	123,526	124,908	126,290	127,671	129,053	130,435	Ln 4 + Ln 10
17	Deferred Assets Related	46,003	43,202	40,400	37,598	34,797	31,995	29,194	26,392	23,591	Ln 5 + Ln 11
18.	TOTAL	(601,252)	(673,120)	(701,650)	(785,818)	(921,207)	(781,057)	(642,428)	(484,450)	(339,903)	Calculated
19.	AVERAGE ANNUAL FEDERAL BALANCE	(620,117)	(637,186)	(687,385)	(743,734)	(853,513)	(851,132)	(711,743)	(563,439)	(412,176)	Calculated

CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Wgtd Avg Rate Base & Percent of Increase for Auth-Rec-Prop and Per Customer
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.10

Line No	Description	RECORDED YEARS					ESTIMATED		TEST YEAR	Reference
		2005	2006	2007	2008	2009	2010	2011	2012	
1.	Weighted Average Rate Base	11,149.5	11,227.3	10,468.9	11,584.0	12,116.9	13,193.1	14,144.3	15,512.4	Chapter 9 Table 1 & 2 Line 14 & 15
2.	Average Customers	20,824	20,828	20,786	20,783	20,814	20,859	20,873	20,887	Rev & Prod Summary
3.	Weighted Average Rate Base Per Avg. Customer	0.54	0.54	0.50	0.56	0.58	0.63	0.68	0.74	Ln 1 / Ln 2
4.	Change in Weighted Average Rate Base	N/A	77.8	(758.4)	1,115.0	533.0	1,076.2	951.1	1,368.1	Difference in Ln Columns
5.	Percent of Increase in Weighted Average Rate Base	N/A	0.70%	-6.75%	10.65%	4.60%	8.88%	7.21%	9.67%	Ln 4 / Prior Yr Wgth Avg Rate Base
6.	Percent of Incr. in Wgtd Avg Rate Base Per Customer	N/A	0.00003%	-0.00032%	0.00051%	0.00022%	0.00043%	0.00035%	0.00046%	Ln 5 / Ln 2
							LAST AUTHORIZED 2008		LAST AUTHORIZED VS TEST YEAR	
7.	Last Authorized Weighted Average Rate Base						12,214.0		12,214.0	D 08-03-022
8.	Last Authorized Average Customers						20,944		20,944	D.08-03-022
9.	Last Auth. Weighted Average Rate Base Per Avg. Customer						0.58		0.6	Ln 7 / Ln 8
10.	Change in Weighted Average Rate Base						N/A		3,298.4	Ln 1 - Ln 7
11.	Percent of Increase in Weighted Average Rate Base						N/A		27.00%	Ln 10 / Ln 7
12.	Percent of Incr. in Wgtd Avg Rate Base Per Customer						N/A		0.00129%	Ln 11 / Ln 8

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In accordance with authorization granted by the Executive Director of the California Public Utilities Commission ("Commission"), the rate design portion of California American Water Company's 2010 general rate case was filed separately on August 2, 2010 and is available on the Commission's website at <http://docs.cpuc.ca.gov/published/proceedings/A1007007.htm>

Please also see the notice of available attached hereto to obtain a copy.

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DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

Tables in this chapter contain information regarding various quantities California American Water proposes to be included in the final decision regarding this GRC application for the Coronado District. Evidence supporting the various quantities is included in Exhibit A. The various proposed quantities are presented as follows:

Table 11.1 – This table contains information regarding the various requested quantities for taxes, uncollectible expenses, the net-to-gross multiplier and unaccounted for water proposed to be included in the determination of authorized water rates.

Table 11.2 – This table contains information about the average customers, by customer class and meter size proposed to be included in the determination of authorized water rates.

Table 11.3 – This table contains information about the average consumption, by customer class proposed to be included in the determination of authorized water rates.

Table 11.4 - This table contains information about the proposed quantities of water produced and purchased to be included in the determination of authorized water rates.

**CALIFORNIA-AMERICAN WATER COMPANY
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
PROPOSED QUANTITIES - TAXES, UNCOLLECTIBLE, NET-TO-GROSS**

**FILED: FINAL
EXHIBIT: A
CHAPTER: 11
TABLE: 11.1**

	Rates	Reference
Franchise Taxes	0.00%	Ex A, Ch 2, Table 2.4
Uncollectible Expenses	0.6567%	Ex A, Ch 2, Table 2.4
State Taxes	8.84%	Ex A, Ch 2, Table 2.4
Federal Taxes	35.00%	Ex A, Ch 2, Table 2.4
Net-to-Gross Multiplier	1.7924	Ex A, Ch 2, Table 2.4

**CALIFORNIA-AMERICAN WATER COMPANY
 SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - AVERAGE CUSTOMERS**

**FILED: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.2**

Average Customers		2008			Reference
<u>Metered</u>	Authorized	2011	2012		
Residential	18,288	18,083	18,083	18,083	Ex A, Ch 3, Table 3.5
Commercial	1,966	2,053	2,053	2,053	
Public Authority	318	315	315	315	
Other	18	23	24	24	
Irrigation	0	0	0	0	
Sub Total	20,590	20,474	20,475	20,475	
Private Fire	354	399	412	412	
Total	20,944	20,873	20,887		
Residential - Low Income		263	298	298	See WP REV-502
Meter Sizes					
5/8"	17,625	17,425	17,425	17,425	See WP REV-200
3/4"	0	0	0	0	
1"	1,809	1,859	1,859	1,859	
1 1/2 "	506	531	531	531	
2"	613	623	623	623	
3"	15	14	15	15	
4"	8	8	8	8	
6"	12	12	12	12	
8"	2	2	2	2	
10"	0	0	0	0	
TOTAL METERED	20,590	20,474	20,475	20,475	
Fire Services					
4"	120	133	137	137	See WP REV-200
6"	50	81	90	90	
8"	14	16	16	16	
10"	3	5	5	5	
12"	0	0	0	0	
Hydrant	167	164	164	164	
TOTAL	354	399	412	412	
GRAND TOTAL	20,944	20,873	20,887		

*Authorized from Decision 08-03-022

**CALIFORNIA-AMERICAN WATER COMPANY
 SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - AVERAGE CONSUMPTION**

**FILED: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.3**

Annual Average Consumption Per Connection (ccfs)

Metered	2008			Ref
	Adopted	2011	2012	
Residential	154.6	133.2	133.2	Ex A, Ch 3, Table 3.8
Commercial	1,045.3	865.5	865.5	
Public Authority	2,738.1	2,128.3	2,128.3	
Other	2,293.2	978.5	978.5	
Irrigation	0.0	0.0	0.0	
Fire	0.0	0.0	0.0	
Total Annual Consumption	5,808.3	4,879.0	4,880.0	Exh A, Ch 3, Table 3.14
Non-Revenue Water	39.7	215.4	215.4	Exh A, Ch 3, Table 3.14
Total Production	5,848.0	5,094.4	5,095.4	

**CALIFORNIA-AMERICAN WATER COMPANY
 SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - WATER PRODUCTION**

**FILED: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.4**

	2008 Authorized	2011	2012	Reference
Water Production				
Purchased Water	5,940.0	5,094.4	5,095.4	See WP EXP-300
Purchased Water Quantities (ccf)				
City of San Diego	5,940.0	5,094.4	5,095.4	
Purchased Water Unit Costs				
Quantity Charge	\$1.72	\$2.21	\$2.21	See WP EXP-300
Total Purchased Water Costs	\$10,216,719.0	\$11,258,657.1	\$11,260,819.6	Exh A, Ch 4, Table 4.3

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

The information in this chapter describes the major differences between the Proposed and Final applications filed by California American Water to increase the general services rates of its San Diego (Coronado) District customers.

No.	Description	Explanation of Change
1.	Cost of Capital Rate Case Expenses Omission in California Corporate	California Corporate Exhibit A – CC, Chapter 3, Table 1.2 was understated because of a formula error on Work Paper CC EXP 115 on page 29. The formula error accidentally omitted the Cost of Capital rate case expenses in the total rate case expenses. The error has been corrected and increased the 2012 and 2013 rate case request from \$2,329,200 to \$2,798,400. No change was made to testimony for this item.
2.	Group Insurance Escalation Rates	<p>After the filing of our proposed application, it was determined that the escalation of group insurance needed to be increased significantly in 2011 and increased to the industry trend of 8.2% in 2012 and 2013. The large increase was primarily attributable to the fact that American Water had not increased these costs on a per employee basis since 2007 due to excess cash in the group insurance trust. The excess cash was built up in part by a dependent audit which lowered claims. Beginning in 2011, all excess cash had been depleted so the Company needed to increase contributions to the group insurance trust to bring them in line with current group insurance costs.</p> <p>This change increased Exhibit A – CC, Chapter 2, Table 3.2, Employee Benefits line item for 2011, 2012 and 2013 for corporate employees. It also increased Exhibit A – CC, Chapter 3, Table 1.2, District Group Insurance, Net of Capital Credits for district employees. Finally, it also increased the Service Company budget which gets allocated in part to California American Water in Exhibit A – SC, Chapter 3, Section 1, Table 1. See the increased escalation percentages at Work Paper CC EXP 133, Page 48 in the California Corporate Work Papers and refer to Jeffrey Dana's direct testimony for additional explanation.</p>

**CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) DISTRICT
 2010 GENERAL RATE CASE
 COMPARISONS OF PROPOSED AND FINAL INFORMATION**

**EXHIBIT: A
 CHAPTER: 12**

No.	Description	Explanation of Change
3.	Direct Charge Percentages Reduced for Service Company	The direct charge percentages were reduced for certain Service Company functions where California American Water does not expect the same level of charges that occurred in 2009. The 3 functions were Business Development (reduced to 0%), Regulated Operations (reduced to 0%) and Operation Services (reduced to 3.21%). These adjustments were made to SC WP 102-105 and cause a decrease to the revenue requirement.
4.	Allocation Error for Service Company	The 2010 Service Company budget numbers included in the proposed application were allocated incorrectly. The final application corrects for this 2010 error in Work Papers SC WP 102, which is then escalated for 2011-2013 on SC WP 103-105. Correction of this error caused an increase to revenue requirement.
5.	Updated Escalation Percentages and Added 5 year Average Customer Growth	Escalation percentages were updated to use the percentages specified in the DRA April 2010 Escalation Memorandum Letters. The escalation percentages also factored in the 5 year average annual customer growth of 0.24%, as is permitted by Decision 04-06-018, which had not been factored in the proposed application. The calculation of this customer growth factor is shown in attachment 1 of the testimony of Patrick Pilz.
6.	Federal Income Taxes-Domestic Production Activities Deduction	The methodology used to compute the Domestic Production Activities Deduction (DPAD) has been modified to also incorporate a percentage for pumped water in determining qualified production activities income for purposes of calculating the deduction amount.
7.	Present Rates	Present rates revised to reflect rates expected to be in effect July 1, 2010.
8.	Labor	Two new Engineering positions were added and a vacancy was changed in CA Corporate's Labor calculation. The new positions and the vacancy change in the Engineering department are discussed in Mr. Mark Schubert's testimony.
9.	General	The change in forecasted consumption estimates causes changes in expense forecasts affected by production and sales volumes such as purchased power, purchased water and chemical expenses.

**CALIFORNIA AMERICAN WATER
 SAN DIEGO (CORONADO) DISTRICT
 2010 GENERAL RATE CASE
 COMPARISONS OF PROPOSED AND FINAL INFORMATION**

**EXHIBIT: A
 CHAPTER: 12**

No.	Description	Explanation of Change
10.	Forecasted Consumption	Forecasted consumption estimates have been changed to reflect 2009 actual consumption per customer. This methodology applies for all metered customer classifications in the San Diego County, Los Angeles County, Larkfield District, Ventura County, and Sacramento County Service Areas.

Tables in this chapter contain comparisons of the major differences between the Proposed and Final applications filed by California American Water to increase the general water service rates of its San Diego (Coronado) District customers. Tables are also included to compare information between the Final Application and any adjusted application California American Water may be required to file. The comparisons are presented as follows:

Table 12.1 – This table compares Income Statement information between the Final and Proposed GRC applications and provides explanations of any significant differences.

Table 12.2 – This table compares Income Statement information between the Adjusted and Final GRC applications and provides explanations of any significant differences. This table would only be prepared and filed if California American Water is required to file an Adjusted GRC Application.

Table 12.3 – This table compares Rate Base information between the Final and Proposed GRC applications and provides explanations of any significant differences.

Table 12.4 - This table compares Rate Base information between the Adjusted and Final GRC applications and provides explanations of any significant differences. This table would only be prepared and filed if California American Water is required to file an Adjusted GRC Application.

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE PROPOSED AND FINAL INCOME STATEMENTS (000's)**

**FILED: UPDATE
EXHIBIT: A
CHAPTER: 12
TABLE: 12.1**

2012 Operating Results				
	As Filed In Final Application	As Filed In Proposed Application	Difference	Reason for Difference
Operating Revenues				
Water	\$54,229.5	\$53,926.3	\$303.1	See Explanation No. 7,10
Operating Expenses				
Payroll	\$3,212.4	\$3,212.4	\$0.0	
Purchased Water	\$2,429.8	\$2,429.8	\$0.0	
Purchased Power	\$2,552.3	\$2,625.3	(\$73.0)	See Explanation No.10
Chemicals	\$617.5	\$637.8	(\$20.3)	See Explanation No.10
Uncollectibles	\$356.6	\$354.7	\$1.9	Due to Revenue Requirement Changes
Other Operating & Maint.	\$2,503.8	\$2,471.4	\$32.4	See Explanation No. 5
Insurance	\$7.8	\$7.6	\$0.2	See Explanation No. 5
Pension & Benefits	\$233.4	\$289.2	(\$55.9)	Amount should be 292.6. Linking error
Outside Services	\$554.5	\$542.0	\$12.5	See Explanation No. 5
Other Admin & General	\$1,563.6	\$1,537.4	\$26.3	See Explanation No. 5
Rents	\$15.1	\$14.7	\$0.3	See Explanation No. 5
Subtotal	\$14,046.9	\$14,122.5	(\$75.6)	
Service Company	\$4,379.6	\$4,226.8	\$152.8	See Explanation No. 2, 3 & 4
California Corporate General Office	\$7,572.6	\$7,331.9	\$240.6	See Explanation No. 1, 2, & 8
Citizens Acquisition Premium	\$1,605.3	\$1,607.1	(\$1.8)	
Total Operating Expense	\$27,604.3	\$27,288.3	\$316.0	
Depreciation	\$7,959.2	\$7,959.2	\$0.0	
Ad Valorem Taxes	\$1,889.5	\$1,894.0	(\$4.5)	
Franchise Taxes	\$0.0	\$0.0	\$0.0	
Payroll Taxes	\$224.3	\$224.3	\$0.0	
Total Exp. Before Inc. Taxes	\$37,677.4	\$37,365.9	\$311.5	
Net Revenue Before Inc. Taxes	\$16,552.1	\$16,560.5	(\$8.4)	
State Income Taxes	\$972.9	\$973.8	(\$0.9)	
Federal Income Taxes	\$3,708.6	\$3,720.1	(\$11.5)	
Total Expenses	\$42,358.9	\$42,059.8	\$299.1	
Net Operating Revenue	\$11,870.6	\$11,866.6	\$4.0	
Rate Base	\$147,641.6	\$147,593.7	\$47.9	
Rate of Return	8.04%	8.04%	0.00%	

Additional Changes;

**CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE ADJUSTED AND FINAL INCOME STATEMENTS (000's)**

**FILED: UPDATE
EXHIBIT: A
CHAPTER: 12
TABLE: 12.2**

2012 Operating Results				
	As Filed In Adjusted/Update Application	As Filed In Final Application	Difference	Reason for Difference
Operating Revenues				
Water	\$21,425.2	\$21,306.1	\$119.1	
Operating Expenses				
Payroll	\$1,286.4	\$1,195.7	\$90.7	Southern Division Labor allocation
Purchased Water	\$11,260.8	\$11,260.8	\$0.0	
Purchased Power	\$0.0	\$0.0	\$0.0	
Chemicals	\$0.0	\$0.0	\$0.0	
Uncollectibles	\$140.7	\$139.9	\$0.8	due to revenue requirement change
Other Operating & Maint.	\$308.8	\$308.8	\$0.0	
Insurance	\$0.5	\$0.5	\$0.0	
Pension & Benefits	\$75.6	\$72.6	\$3.0	Southern Division Labor allocation
Outside Services	\$39.7	\$39.7	\$0.0	
Other Admin & General	\$368.6	\$368.6	\$0.0	
Rents	\$48.0	\$48.0	\$0.0	
Subtotal	\$13,529.2	\$13,434.7	\$94.4	
Service Company	\$1,594.4	\$1,594.4	\$0.0	
California Corporate General Of	\$2,923.2	\$2,905.4	\$17.8	401k & DCP correction - offset by Group Ins
Citizen Acquisition Premium	\$458.9	\$458.9	\$0.0	
Total Operating Expense	\$18,505.7	\$18,393.5	\$112.2	
Depreciation	\$980.0	\$980.0	\$0.0	
Ad Valorem Taxes	\$149.1	\$149.1	\$0.0	
Franchise Taxes	\$0.0	\$0.0	\$0.0	
Payroll Taxes	\$93.4	\$87.5	\$5.9	Southern Division Labor allocation
Total Exp. Before Inc. Taxes	\$19,728.3	\$19,610.2	\$118.1	
Net Revenue Before Inc. Taxes	\$1,696.9	\$1,695.9	\$1.0	
State Income Taxes	\$97.7	\$97.6	\$0.1	
Federal Income Taxes	\$352.0	\$351.8	\$0.2	
Total Expenses	\$20,178.0	\$20,059.6	\$118.4	
Net Operating Revenue	\$1,247.2	\$1,246.4	\$0.7	
Rate Base	\$15,512.4	\$15,503.4	\$9.0	
Rate of Return	8.04%	8.04%	0.00%	

Additional Changes:

**CALIFORNIA AMERICAN WATER
SACRAMENTO DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE PROPOSED AND FINAL RATE BASE (000's)**

**FILED: UPDATE
EXHIBIT: A
CHAPTER: 12
TABLE: 12.3**

2012 Operating Results

	As Filed In Final Application	As Filed In Proposed Application	Difference	Reason for Difference
Weighted Average UPIS	\$284,571.8	\$284,571.8	\$0.0	
Add:				
Materials & Supplies	\$132.7	\$129.8	\$2.9	
Working Cash - Operational	\$556.3	\$556.3	\$0.0	
Working Cash - Lead Lag	\$2,991.0	\$2,946.0	\$45.0	Due to Operating Expense Changes
SUBTOTAL	\$288,251.8	\$288,203.9	\$47.9	
Deduct:				
Weighted Average Depreciation Reserve	(\$96,339.1)	(\$96,339.1)	\$0.0	
Advances for Construction	(\$11,055.0)	(\$11,055.0)	\$0.0	
Unamortized Advances	(\$10,607.3)	(\$10,607.3)	\$0.0	
Contributions	(\$14,220.5)	(\$14,220.5)	\$0.0	
Unamortized Contributions	(\$3,889.9)	(\$3,889.9)	\$0.0	
Deferred Federal Income Taxes	(\$3,504.3)	(\$3,504.3)	\$0.0	
Deferred State Income Taxes	(\$994.1)	(\$994.1)	\$0.0	
SUBTOTAL	(\$140,610.2)	(\$140,610.2)	\$0.0	
General Office Allocation	\$0.0	\$0.0	\$0.0	
Weighted Average Rate Base	\$147,641.6	\$147,593.7	\$47.9	

**CALIFORNIA AMERICAN WATER
SAN DIEGO (CORONADO) DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE ADJUSTED AND FINAL RATE BASE (000's)**

**FILED: UPDATE
EXHIBIT: A
CHAPTER: 12
TABLE: 12.4**

2012 Operating Results

	As Filed In Adjusted/Update Application	As Filed In Final Application	Difference	Reason for Difference
Weighted Average UPIS	\$30,857.4	\$30,857.4	\$0.0	
Add:				
Materials & Supplies	\$112.0	\$112.0	\$0.0	
Working Cash - Operational	\$827.0	\$827.0	\$0.0	
Working Cash - Lead Lag	\$486.0	\$478.0	\$8.0	lag day change/divisional changes
SUBTOTAL	\$32,282.4	\$32,274.4	\$8.0	
Deduct:				
Weighted Average Depreciation Rese	-\$13,046.6	(\$13,046.6)	\$0.0	
Advances for Construction	-\$121.7	(\$121.7)	\$0.0	
Unamortized Advances	\$0.0	\$0.0	\$0.0	
Contributions	-\$2,849.4	(\$2,849.4)	\$0.0	
Unamortized Contributions	\$0.0	\$0.0	\$0.0	
Deferred Federal Inc Taxes	-\$563.4	(\$563.4)	\$0.0	
Deferred State Inc Taxes	-\$189.9	(\$189.9)	\$0.0	
SUBTOTAL	-\$16,771.0	(\$16,771.0)	\$0.0	
General Office Allocation	\$0.0	\$0.0	\$0.0	
Weighted Average Rate Base	\$15,511.4	\$15,503.4	\$8.0	

**VENTURA COUNTY
DISTRICT**

CALIFORNIA AMERICAN WATER

2010 GENERAL RATE CASE

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VENTURA COUNTY (VILLAGE) DISTRICT

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VENTURA COUNTY (VILLAGE) DISTRICT

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EXHIBIT A

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This section contains information regarding the corporate and operating history of the Ventura District of California American Water. This information will enable the CPUC and parties reviewing the GRC application to understand the development of the district, the unique nature of the service territory and other issues faced by the district throughout its history that have shaped the present operation.

OVERVIEW OF THE VENTURA DISTRICT OPERATION

This section discusses the present day-to-day operation of the Ventura District of California American Water. Also discussed are issues that are being addressed by the district in order to continue to provide quality service to the customers it serves. This information will assist the CPUC and parties reviewing the GRC application in understanding issues faced by the district on a daily basis as they consider whether the revenue requirements proposed by California American Water for 2008, 2009 and 2010 are adequate to continue to address daily service issues.

HISTORY OF THE VENTURA DISTRICT OPERATION

California American Water Company acquired the Ventura Water Company from the Janss family in 1967. Ventura Water Company had originally been founded to serve land developments in the Conejo Valley. Upon acquisition, the Ventura Water Company became the Ventura District of California American Water.

Between 1970 and 2004, the number of customers served by the Ventura District practically tripled. At the end of 1970, the Ventura District provided water service to approximately 7,200 customers. That number increased to almost 17,000 by the end of 2004 and upon completion of the Dos Vientos and MGM Ranch projects the Ventura District anticipates it will serve approximately 21,000 customers.

Originally, the Ventura District obtained all of its water supply from local wells. As the service area and the number of customers served grew, the yield from the wells became inadequate. Additionally, there were concerns about the continued quality of the water from the local wells. Therefore, in 1974 the use of water from the local wells was discontinued. From that time forward all water provided by the Ventura District to its customers was purchased from the State Water Project.

The increase in the number of customers served by the Ventura District naturally resulted in a significant increase in the amount of water delivered. In 1970, the Ventura District delivered approximately 800 million gallons of water per year to its customers. In 2004, that number increased to 5.1 billion gallons. Customer demands for water have ranged from 5 million gallons per day during the winter months to as much as 22 million gallons per day during summer months. However, as a result of conservation awareness programs, the Ventura District was able to reduce the average daily gallons of water delivered to 13 million gallons during the normally higher usage summer of 1992.

PRESENT OPERATIONS OF THE VENTURA DISTRICT

District Operations and Personnel

The Ventura District Operations Center is a leased facility located in the industrial area of Newbury Park, California. Upon expiration of the lease in 1988, negotiations with the landlord resulted in the addition of 4,750 square feet of the existing 3,500 covered by the expired lease. This expansion took into consideration the significant customer and employee growth within the service area. Expansion and renovation of the Operations Center was completed in June 1990.

The Ventura District is staffed by 17 employees. There are 14 employees in distribution, 1 in production and 2 in administration. The Ventura District is part of the Southern Division of California American Water and receives some administrative services from that office. With the exclusion of the 2 administration employees, all remaining employees are members of the Utility Workers Union of America and covered by an existing labor agreement that expires on February 2009.

Service Areas

The Ventura District of California American Water covers an approximate 26 square mile area North of Los Angeles County and approximately 70 miles south of Santa Barbara in the Conejo Valley of Southern Ventura County. The Ventura District presently provides water service in and adjacent to the unincorporated community of Newbury Park, a portion of, and territory contiguous to the City of Thousand Oaks and a small unincorporated area adjacent to the City of Camarillo known as Las Posas Estates.

Elevation within the certificated service area varies from 590' in the Main Zone Gradient to 1,360' above sea level in the White Stallion Gradient. Service area maps are included with this GRC application.

The customer base of the service area includes research and industrial facilities for Amgen, Baxter Healthcare Corporation and North American Rockwell. Several other large customers include such companies as Blue Cross, Los Robles Regional Medical Center and California Lutheran University. The Ventura also provides water service to two major regional shopping centers, The Oaks and Janss Marketplace.

Major expansion has declined in the Dos Vientos Ranch and the Rancho Conejo Development, formerly known as MGM Ranch. Residential properties are currently at about 90% of projected build-out in Dos Vientos Ranch and 95% in Rancho Conejo Development.

Of the approximate 21,000 customers served by the Ventura District, 95.5% are residential customers, 3.5% are commercial and 1% is industrial and other public authority customers. There are about 188 public and private fire service customers.

Source of Water Supply

All of the water requirements for the Ventura District are purchased from Calleguas Municipal Water District, which is a member agency of the Metropolitan Water District of Southern California. The Ventura District receives water from the Calleguas Municipal Water District through 12 separate connections located throughout the service area.

The Ventura District holds Water Supply Permit No. 03-06-00P-021-TO-NP (Thousand Oaks/Newbury Park) and 03-06-00P-002-LPE (Las Posas Estates). These permits were issued by the State of California, Department of Health Service on October 30, 2000.

The Ventura District also has 2 emergency inter-connections with Crestview Mutual Water in Camarillo and the City of Thousand Oak in Thousand Oaks. These inter-connections allow for the transfer of water between the parties during emergency situations. A log of the water transferred is maintained.

Property Description

Water storage for the Ventura District distribution system totals 37.2 million gallons in accordance with the water storage requirements of the City of Thousand Oaks and Ordinance 12 of the Calleguas Municipal Water District from which the Ventura District purchases all of its water supply. Water storage is provided by the 22 storage facilities shown below:

6 Concrete Buried Reservoirs - 2.03 million gallon Shopping Center I Reservoir; 1.64 million gallon Pace Reservoir; 1.81 million gallon Potrero I Reservoir; .66 million gallon Moorpark Reservoir; 5.27 million gallon Shopping Center II Reservoir and the 6.0 million gallon Potrero II Reservoir.

16 Above-Ground Steel Tanks - .25 million gallon Conejo Oaks Tank; .59 million gallon Greenridge Tank; .59 million gallon Las Posas I Tank; .4 million gallon Las Posas II Tank; .53 million gallon Los Robles Tank I; .1 million gallon Los Robles II Tank; 1.02 million gallon Orbis Tank; .25 million gallon Wildwood Tank; 6.0 million gallon Janss Tank; .29 million gallon Deer Ridge Tank; .43 million gallon White Stallion Tank; 1.75 million gallon Dos Vientos IIA Tank; 1.75 million gallon Dos Vientos IIB Tank and .43 million gallon Dos Vientos Zone III Tank.

The distribution system consists of approximately 182 miles of pipelines of various sizes and 2,422 public fire hydrants. There are 19 pumping stations currently in service with the expectation that 2 additional pumping facilities will need to be placed in service during the next three years to meet increased service demands due to customer growth.

Water Rights

In addition to private right-of-way grants, the Ventura District operates under a 50-year franchise granted by the County of Ventura on December 12, 1961 by Ordinance No. 1118. Authority to exercise this franchise was granted by the CPUC in Decision No. 66230 dated October 29, 1963.

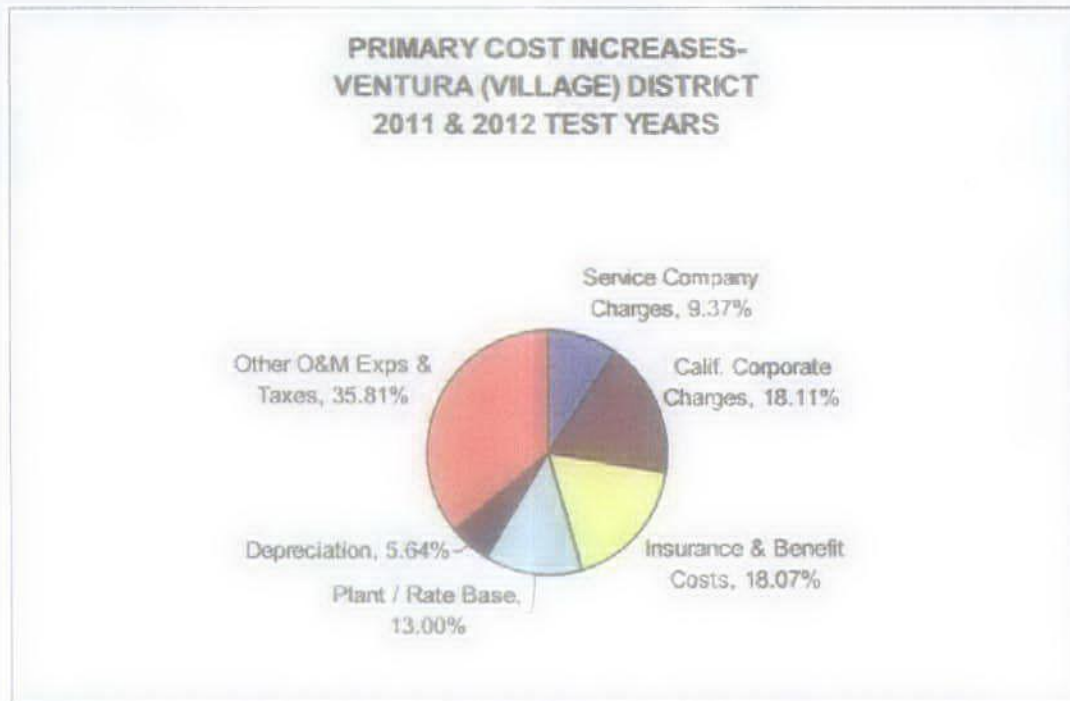
Water Quality Issues

During the period 2003 through 2006, the Ventura District did not exceed any drinking water standards established by the California Title 22 regulations. No violations or citations of non-compliance were issued to the Ventura District from the CDHS during this time period.

During the same period of time, California American Water furnished consumer confidence reports ("CCR's") to customers in the Ventura District service area. Copies of those reports are included as part of the documents filed with this application. The reports demonstrate the detailed information provided to customers regarding this critical aspect of the operation of California American Water.

OVERVIEW OF THE VENTURA (VILLAGE) DISTRICT GRC APPLICATION

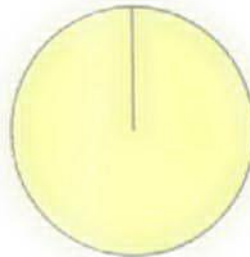
The chart below shows the percentage portion of the requested revenue requirement increase by primary cost component:



The chart below shows the percentage of the revenue requirement increase attributable to previously authorized increases by the CPUC, pending matters before the CPUC, if any, and the remaining portion being requested in the current application.

Previously authorized increases by the CPUC can include prior GRC step increases, balancing accounts for purchased water and power, capital project advice letters and memorandum accounts.

**BREAKDOWN OF REVENUE REQUIREMENT INCREASE-
VENTURA (VILLAGE) DISTRICT
2011 & 2012 TEST YEARS**



Remaining
Projects & O&M
request, 100.00%

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

Information in this chapter contains tables that summarize earnings information and calculations at present and proposed rates presented as follows:

Table 2.1 – Comparative Summary of Earnings

This table contains a detailed summary of earnings for the 2012 Test Year at present and proposed rates as filed by California American Water. The table also contains columns for the inclusion and comparison of a detailed summary of earnings for the 2012 Test Year at present and proposed rates that will be filed by the Division of Ratepayer Advocates (DRA) during the processing of the application. For further comparison, the table contains a column for details of the summary of earnings for the 2012 Test Year adopted by the CPUC in its final decision regarding this application.

Table 2.2 – Summary of Earnings at Proposed Rates

This table contains a detailed summary of earnings for 2011 and 2012 Test Years, 2013 Escalation Year and 2014 Attrition Year at Proposed rates as filed by California American Water in this application.

Table 2.3 – Summary of Earnings at Present Rates

This table contains a detailed summary of earnings for the recorded years 2005-2009, Estimated Years 2010 and 2011, Test Year 2012, Escalation Year 2013, Attrition Year 2014 and adopted amounts from the most recent rate case filed by California American Water at present and proposed rates.

Table 2.4 – Summary of Revenue Requirement Calculation

This table contains calculations of revenue requirements for 2011 and 2012 Test Years, 2013 Escalation Year and 2014 Attrition Year based on financial information presented by California American Water in this application.

**CALIFORNIA AMERICAN WATER
VENTURA DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE SUMMARY OF EARNINGS
FOR TEST YEAR AT PRESENT AND PROPOSED RATES
IN THOUSANDS 000s**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	2
TABLE:	2.1

	<u>At Present Rates</u>		<u>At Proposed Rates</u>		<u>Adopted Rates</u>
	<u>CAW</u>	<u>DRA</u>	<u>CAW</u>	<u>DRA</u>	<u>CPUC</u>
Operating Revenues					
Water	\$30,807.9	\$0.0	\$32,667.9	\$0.0	\$0.0
Operating Expenses					
Payroll	\$1,195.9	\$0.0	\$1,195.9	\$0.0	\$0.0
Purchased Water	\$17,994.7	\$0.0	\$17,994.7	\$0.0	\$0.0
Purchased Power	\$291.3	\$0.0	\$291.3	\$0.0	\$0.0
Chemicals	\$0.1	\$0.0	\$0.1	\$0.0	\$0.0
Uncollectibles	\$202.2	\$0.0	\$214.8	\$0.0	\$0.0
Other Operating & Maint.	\$753.1	\$0.0	\$753.1	\$0.0	\$0.0
Insurance	\$5.5	\$0.0	\$5.5	\$0.0	\$0.0
Pension & Benefits	\$46.9	\$0.0	\$46.9	\$0.0	\$0.0
Outside Services	\$35.2	\$0.0	\$35.2	\$0.0	\$0.0
Other Admin & General	\$440.6	\$0.0	\$440.6	\$0.0	\$0.0
Rents	\$313.5	\$0.0	\$313.5	\$0.0	\$0.0
Subtotal	\$21,278.9	\$0.0	\$21,291.5	\$0.0	\$0.0
Service Company	\$1,590.4	\$0.0	\$1,590.4	\$0.0	\$0.0
California Corporate General Of	\$2,847.5	\$0.0	\$2,847.5	\$0.0	\$0.0
Citizens Acquisition Premium	\$457.8	\$0.0	\$457.8	\$0.0	\$0.0
Total Operating Expense	\$26,174.5	\$0.0	\$26,187.1	\$0.0	\$0.0
Depreciation	\$1,912.1	\$0.0	\$1,912.1	\$0.0	\$0.0
Ad Valorem Taxes	\$369.9	\$0.0	\$369.9	\$0.0	\$0.0
Payroll Taxes	\$83.2	\$0.0	\$83.2	\$0.0	\$0.0
Total Exp. Before Inc. Taxes	\$28,539.7	\$0.0	\$28,552.3	\$0.0	\$0.0
Net Revenue Before Inc. Taxes	\$2,268.2	\$0.0	\$4,115.6	\$0.0	\$0.0
State Income Taxes	\$75.0	\$0.0	\$238.3	\$0.0	\$0.0
Federal Income Taxes	\$219.5	\$0.0	\$866.1	\$0.0	\$0.0
Total Expenses	\$28,834.2	\$0.0	\$29,656.7	\$0.0	\$0.0
Net Operating Revenue	\$1,973.7	\$0.0	\$3,011.2	\$0.0	\$0.0
Rate Base	\$37,453.5	\$0.0	\$37,453.5	\$0.0	\$0.0
Rate of Return	5.27%	0.00%	8.04%	0.00%	0.00%

CALIFORNIA AMERICAN WATER
VENTURA DISTRICT - 2010 GENERAL RATE CASE
SUMMARY OF EARNINGS AT PROPOSED RATES
IN THOUSANDS 000s

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	Test Year 2011	Test Year 2012	Escalation Year 2013	Attrition Year 2014	Reference
Operating Revenues	\$30,660.4	\$32,667.9	\$34,721.7	\$36,329.2	Table 2.4
Operating Expenses					
Payroll	\$1,148.9	\$1,195.9	\$1,233.3	\$1,275.2	Table 2.3
Purchased Water	\$18,002.3	\$17,994.7	\$18,552.7	\$18,552.7	Table 2.3
Purchased Power	\$290.6	\$291.3	\$292.0	\$292.0	Table 2.3
Chemicals	\$0.1	\$0.1	\$0.1	\$0.1	Table 2.3
Uncollectibles	\$201.6	\$214.8	\$228.3	\$238.9	Calculated
Other Operating & Maintenance	\$565.4	\$753.1	\$758.7	\$782.3	Table 2.3
Insurance	\$5.3	\$5.5	\$5.7	\$5.8	Table 2.3
Pensions & Benefits	\$44.5	\$46.9	\$48.4	\$50.0	Table 2.3
Outside Services	\$34.1	\$35.2	\$36.2	\$37.1	Table 2.3
Other Admin & General	\$410.2	\$440.6	\$454.0	\$468.1	Table 2.3
Rents	\$303.8	\$313.5	\$323.2	\$331.3	Table 2.3
Subtotal	\$21,006.8	\$21,291.5	\$21,932.7	\$22,033.6	
Service Company	\$1,227.7	\$1,590.4	\$1,646.1	\$1,697.2	Table 2.3
California Corporate General Office	\$1,702.0	\$2,847.5	\$2,836.0	\$2,924.0	Table 2.3
Citizens Acquisition Premium	\$472.9	\$457.8	\$442.5	\$442.5	Table 2.3
Total Operating Expense	\$24,409.5	\$26,187.1	\$26,857.4	\$27,097.2	
Depreciation	\$2,066.5	\$1,912.1	\$2,060.2	\$2,208.3	Table 2.3
Ad Valorem Taxes	\$333.9	\$369.9	\$450.2	\$546.6	Table 2.3
Payroll Taxes	\$81.2	\$83.2	\$85.7	\$88.6	Table 2.3
Total Expense Before Income Taxes	\$26,891.1	\$28,552.3	\$29,453.5	\$29,940.8	
Net Revenue Before Income Taxes	\$3,769.4	\$4,115.6	\$5,268.3	\$6,388.5	
State Income Taxes	\$222.3	\$238.3	\$306.3	\$371.4	Chap 6 Table 6.2
Federal Income Taxes	\$887.7	\$866.1	\$1,129.7	\$1,363.7	Chap 6 Table 6.2
Total Expenses	\$28,001.1	\$29,656.7	\$30,889.5	\$31,675.9	
Net Operating Revenues	\$2,659.4	\$3,011.2	\$3,832.2	\$4,653.3	
AVERAGE RATE BASE	\$33,076.9	\$37,453.5	\$47,663.9	\$57,874.2	Table 2.3
RATE OF RETURN	8.04%	8.04%	8.04%	8.04%	

CALIFORNIA AMERICAN WATER
VENTURA DISTRICT - 2010 GENERAL RATE CASE
SUMMARY OF EARNINGS AT PRESENT RATES
IN THOUSANDS 000s

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	Recorded Year 2005	Recorded Year 2006	Recorded Year 2007	Recorded Year 2008	Recorded Year 2009
Operating Revenues	\$19,171.1	\$22,005.7	\$23,953.0	\$23,319.0	\$25,361.0
Operating Expenses					
Payroll	\$715.2	\$843.7	\$884.4	\$910.4	\$946.3
Purchased Water	\$12,590.0	\$13,132.1	\$14,336.8	\$14,374.5	\$15,267.0
Purchased Power	\$272.4	\$338.2	\$350.4	\$306.7	\$256.3
Chemicals	\$0.2	\$0.2	\$0.0	\$0.0	\$0.0
Uncollectibles	\$125.9	\$144.5	\$157.3	\$153.1	\$166.5
Other Operating & Maintenance	\$262.8	\$282.4	\$329.7	\$361.8	\$393.1
Insurance	\$1.8	\$2.6	\$9.8	\$5.5	\$5.1
Other Welfare	\$50.3	\$64.5	\$55.4	\$54.7	\$53.2
Outside Services	\$62.0	\$19.6	\$5.8	\$20.2	\$51.1
Other Admin & General	\$299.9	\$551.9	\$236.3	\$361.9	\$274.2
Rents	\$291.1	\$288.7	\$290.2	\$288.3	\$300.4
Subtotal	\$14,671.5	\$15,668.5	\$16,656.1	\$16,837.2	\$17,713.2
Service Company	\$1,349.4	\$1,790.9	\$1,646.2	\$1,521.6	\$1,426.0
California Corporate General Office	\$819.4	\$978.0	\$1,148.4	\$1,718.6	\$2,002.2
Citizens Acquisition Premium	\$476.7	\$463.7	\$471.5	\$540.1	\$523.8
Total Operating Expense	\$17,317.0	\$18,901.0	\$19,922.2	\$20,617.4	\$21,665.2
Depreciation	\$1,183.2	\$1,186.9	\$1,166.1	\$1,596.4	\$1,698.2
Ad Valorem Taxes	\$220.5	\$232.4	\$248.1	\$259.2	\$295.3
Payroll Taxes	\$50.3	\$59.3	\$62.2	\$64.0	\$66.5
Total Expense Before Income Taxes	\$18,770.9	\$20,379.7	\$21,398.6	\$22,537.0	\$23,725.1
Net Revenue Before Income Taxes	\$400.1	\$1,626.0	\$2,554.4	\$782.0	\$1,635.9
State Income Taxes	-\$32.7	\$71.2	\$147.8	-\$20.3	\$41.1
Federal Income Taxes	-\$118.0	\$293.3	\$560.3	-\$132.0	\$170.0
Total Expenses	\$18,620.2	\$20,744.2	\$22,106.7	\$22,384.7	\$23,936.2
Net Operating Revenues	\$550.8	\$1,261.5	\$1,846.3	\$934.3	\$1,424.8
AVERAGE RATE BASE	\$21,388.0	\$21,843.4	\$23,484.1	\$26,920.8	\$31,156.1
RATE OF RETURN	2.58%	5.78%	7.86%	3.47%	4.57%

CALIFORNIA AMERICAN WATER
 VENTURA DISTRICT - 2010 GENERAL RATE CASE
 SUMMARY OF EARNINGS AT PRESENT RATES
 IN THOUSANDS 000s

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Estimated Year	Estimated Year	Test Year	Escalation Year	Attrition Year	2010 Adopted	
2010	2011	2012	2013	2014	Per GO Petition to Modify	Reference
		@ 2011 Rates	@ 2012 Rates			
\$28,237.3	\$28,311.6	\$30,807.9	\$32,819.2	\$34,873.0	\$29,959.0	Chap 3, Tables 3 17 & 18
\$1,034.4	\$1,148.9	\$1,195.9	\$1,233.3	\$1,275.2	\$941.2	Chap 4 Tables 4.1
\$17,960.2	\$18,002.3	\$17,994.7	\$18,552.7	\$18,552.7	\$19,460.9	Chap. 4 Tables 4 1
\$289.9	\$290.6	\$291.3	\$292.0	\$292.0	\$271.5	Chap 4 Tables 4.1
\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.2	Chap 4 Tables 4.1
\$185.4	\$185.9	\$202.2	\$215.8	\$229.3	\$77.3	Chap 4 Tables 4 1
\$493.4	\$565.4	\$753.1	\$758.7	\$782.3	\$387.8	Chap 4 Tables 4.1
\$5.2	\$5.3	\$5.5	\$5.7	\$5.8	\$149.3	Chap 4 Tables 4.5
\$43.5	\$44.5	\$46.9	\$48.4	\$50.0	\$316.8	Chap. 4 Tables 4 5
\$33.0	\$34.1	\$35.2	\$36.2	\$37.1	\$0.0	Chap 4 Tables 4.5
\$401.0	\$410.2	\$440.6	\$454.0	\$468.1	\$400.2	Chap 4 Tables 4 5
\$294.5	\$303.8	\$313.5	\$323.2	\$331.3	\$274.3	Chap 4 Tables 4 5
\$20,740.7	\$20,991.1	\$21,278.9	\$21,920.2	\$22,024.0	\$22,279.5	
\$1,463.4	\$1,227.7	\$1,590.4	\$1,646.1	\$1,697.2	\$1,809.2	Chap 4 Tables 4.1
\$2,214.3	\$1,702.0	\$2,847.5	\$2,836.0	\$2,924.0	\$0.0	Chap. 4 Tables 4.1
\$488.2	\$472.9	\$457.8	\$442.5	\$442.5	\$536.8	Chap 4 Tables 4 1
					\$0.0	
\$24,906.6	\$24,393.8	\$26,174.5	\$26,844.8	\$27,087.6	\$24,625.5	Calculated
\$1,966.1	\$2,066.5	\$1,912.1	\$2,060.2	\$2,208.3	\$1,669.4	Chap 8 Table 8.4
\$329.2	\$333.9	\$369.9	\$450.2	\$546.6	\$281.3	Chap 5 Table 5 2
\$72.7	\$81.2	\$83.2	\$85.7	\$88.6	\$64.7	Chap 5 Table 5 1
\$27,274.5	\$26,875.4	\$28,539.7	\$29,441.0	\$29,931.2	\$26,640.9	Calculated
\$962.7	\$1,436.3	\$2,268.2	\$3,378.3	\$4,941.8	\$3,318.1	Calculated
-\$21.3	\$16.0	\$75.0	\$139.2	\$243.6	\$165.0	Chap Chap 6 Table 6.1 & Calculated
-\$98.9	\$71.1	\$219.5	\$468.2	\$857.4	\$702.2	Chap Chap 6 Table 6 1 & Calculated
\$27,154.3	\$26,962.5	\$28,834.2	\$30,048.4	\$31,032.2	\$27,508.1	Calculated
\$1,082.9	\$1,349.2	\$1,973.7	\$2,770.9	\$3,840.8	\$2,450.9	Calculated
\$32,054.2	\$33,076.9	\$37,453.5	\$47,663.9	\$57,874.2	\$30,465.2	Chap 9, Table 9 1 & 9 2
3.38%	4.08%	5.27%	5.81%	6.64%	8.04%	Calculated

CALIFORNIA AMERICAN WATER
 VENTURA DISTRICT - 2010 GENERAL RATE CASE
 SUMMARY OF REVENUE REQUIREMENT CALCULATION
 IN THOUSANDS 000s

FILED:	UPDATE
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CHAPTER:	2
TABLE:	2.4

REVENUE REQUIREMENTS					
	TEST YEAR 2011	TEST YEAR 2012	ESCALATION YEAR 2013	Attrition Year 2014	Reference
WEIGHTED AVERAGE RATE BASE	\$33,076.9	\$37,453.5	\$47,663.9	\$57,874.2	Table 2.2
RATE OF RETURN REQUESTED	8.04%	8.04%	8.04%	8.04%	Exhibit C, Table C-1
UTILITY OPERATING INCOME REQUIRED	\$2,659.4	\$3,011.3	\$3,832.2	\$4,653.1	Calculated
AT PRESENT RATES	\$1,349.2	\$1,973.7	\$2,770.9	\$3,840.8	Table 2.3
ADDITIONAL	\$1,310.2	\$1,037.5	\$1,061.3	\$812.3	Calculated
NET-TO-GROSS MULTIPLIER	1.79270	1.79270	1.79263	1.79270	Calculated
GROSS REVENUES					
ADDITIONAL REQUIRED AT PRESENT RATES	\$2,348.8 \$28,311.6	\$1,860.0 \$30,807.9	\$1,902.5 \$32,819.2	\$1,456.2 \$34,873.0	Calculated Table 2.3
TOTAL	\$30,660.4	\$32,667.9	\$34,721.7	\$36,329.2	Calculated
PERCENT INCREASE (ANNUALLY)	8.30%	6.04%	5.80%	4.18%	Calculated
NET-TO-GROSS MULTIPLIER					
The items of expense enumerated below increase in direct proportion to any increase in gross revenues. The net-to-gross multiplier applicable to the estimated years is as follows:					
County Franchise Tax		0.000%			
Uncollectible Accounts		0.6576%			
State Corporate Franchise Tax		8.84%			
Federal Income Tax		35.00%			

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

Information in this chapter contains tables used to forecast customers, water sales and operating revenues as filed by California American Water in this application and is presented as follows:

Table 3.1 through Table 3.6

These tables contain information regarding projections of the number of customers for the Ventura (Village) District of California American Water presented in this application. The number of customers forecasted to be served by the district during 2011, 2012 and 2013 was determined by using a five year historical average.

Table 3.7 through 3.15

These tables contain water sales and water production information for the Ventura (Village) District of California American Water as filed in this application. Water sales forecasted in these tables were applied to the forecasted number of customers to project operating revenues.

Consumption estimates for the Ventura (Village) District were derived from analysis of several sources of information depending upon the circumstances. 2009 actual consumption was used for all customer classifications.

Total water sales for the Base Year of 2011, Test Year 2012 and Escalation Year 2013 were calculated by multiplying the projected number of average customers per classification by the projected annual average consumption per customer per classification.

Table 3.16 through 3.22

These tables contain operating revenue information for the Ventura (Village) District of California American Water presented in this application.

Revenues at present rates for the 2011 Base Year and the 2012 Test Year result from application of the proposed general water standard service rates for the Ventura (Village)

District to forecasted customers and sales presented in this Chapter and rates currently in effect. Revenues at present rates for the 2012 Test Year and 2013 Escalation Year were determined by application of the general water service rates California American Water proposes to implement on January 1 of each preceding year to the customers and sales forecasted for each of those years.

Revenues at proposed rates for 2012 and 2013 are presented under the PUC standard rate design as described in Standard Practice U-07-W. The revenues result from applying the overall proposed increase as determined in the revenue requirement to all of the present rates from the preceding year.

Miscellaneous Service revenues for the 2012 Test Year were forecasted based on a five-year historical average from 2005 through 2009, excluding temporary surcharges and PUC fees. This presentation does not reflect any effects from surcharges requested in this application.

Method 5 Amortization revenue is based on the amortization of deferred Contribution in Aid of Construction revenues from Table 9.7.

The Low Income Discount revenues are based on the application of the current discount rate to the forecasted number of low income customers.

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**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
CUSTOMERS AT YEAR END
RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.1

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.							
2.	Residential	19,504	19,581	19,626	19,325	19,357	
3.	Commercial	733	737	754	788	793	
4.	Public Authority	176	175	174	173	172	
5.	Industrial	176	176	175	173	176	
6.	Metered Construction	12	21	34	25	8	
7.	Sub-Total	20,601	20,690	20,763	20,484	20,506	Ln 2 thru Ln 6
8.	**Private Fire Service						
9.	4"	26	28	55	62	62	
10.	6"	88	81	87	92	86	
11.	8"	87	89	89	94	94	
12.	10"	18	19	19	20	20	
13.	Hydrants						
14.	Sub-Total	219	217	250	268	262	Ln 9 thru Ln 13
15.	TOTAL	20,820	20,907	21,013	20,752	20,768	Ln 7 + Ln 14 + Ln 20

CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
CUSTOMERS AT YEAR END
AUTHORIZED AND PROPOSED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	PROPOSED TEST YEAR	ESCALATION YEAR	Reference
		2008	2010	2011	2012	2013	
1.	Metered :						
2.	Residential	20,162	19,363	19,369	19,375	19,381	REV-600 Workpaper
3.	Commercial	786	805	817	829	841	
4.	Public Authority	176	172	172	172	172	
5.	Industrial	173	176	176	176	176	
6.	Metered Construction	21	8	8	8	8	
7.	Sub-Total	21,318	20,524	20,542	20,560	20,578	Ln 2 thru Ln 6
8.	**Private Fire Service						
9.	4"	28	69	76	83	90	REV-600 Workpaper
10.	6"	87	86	86	86	86	
11.	8"	92	95	96	97	98	
12.	10"	19	20	20	20	20	
13.	Hydrants	0	0	0	0	0	
14.	Sub-Total	226	270	278	286	294	Ln 9 thru Ln 13
15.	TOTAL	21,544	20,794	20,820	20,846	20,872	Ln 7 + Ln 14 + Ln 20 REV-600 Workpaper

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
 CUSTOMERS AT YEAR END
 CALCULATION OF PERCENT OF INCREASE

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.3

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2010
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2010/Last Authorized 2008)-1	=(Test Yr 2012/Est 2011)-1
1.	Metered :							
2.	Residential	N/A	0.39%	0.23%	-1.53%	0.17%	-3.96%	0.03%
3.	Commercial	N/A	0.55%	2.31%	4.51%	0.63%	2.42%	1.47%
4.	Public Authority	N/A	-0.57%	-0.57%	-0.57%	-0.58%	-2.27%	0.00%
5.	Industrial	N/A	0.00%	-0.57%	-1.14%	1.73%	1.73%	0.00%
6.	Metered Construction	N/A	75.00%	61.90%	-26.47%	-68.00%	-61.90%	0.00%
7.	Sub-Total	N/A	0.43%	0.35%	-1.34%	0.11%	-3.72%	0.09%
8.	**Private Fire Service							
9.	4"	N/A	7.69%	96.43%	12.73%	0.00%	146.43%	9.21%
10.	6"	N/A	-7.95%	7.41%	5.75%	-6.52%	-1.15%	0.00%
11.	8"	N/A	2.30%	0.00%	5.62%	0.00%	3.26%	1.04%
12.	10"	N/A	5.56%	0.00%	5.26%	0.00%	5.26%	0.00%
13.	Hydrants	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
14.	Sub-Total	N/A	-0.91%	15.21%	7.20%	-2.24%	19.47%	2.88%
15.	Unmetered							
16.	4500 Sq ft or less	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17.	4501 to 8000 Sq ft.	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18.	> 8000 Sq. ft.	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19.	Add'l House on Lot	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20.	Sub-Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21.	TOTAL	N/A	0.42%	0.51%	-1.24%	0.08%	-3.48%	0.12%

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
AVERAGE NUMBER OF CUSTOMERS
RECORDED**

FILED:	UPDATE
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CHAPTER:	3
TABLE:	3.4

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	Metered :						
2.	Residential	19,417	19,543	19,604	19,476	19,341	Average calculated using year end customers from Table 3.1
3.	Commercial	734	735	746	771	791	
4.	Public Authority	178	176	175	174	173	
5.	Other	175	176	176	174	175	
6.	Metered Construction	17	17	28	30	17	
7.	Sub-Total	20,521	20,647	20,729	20,625	20,497	
8.	**Private Fire Service						
9.	4"	27	27	42	59	62	
10.	6"	87	85	84	90	89	
11.	8"	87	88	89	92	94	
12.	10"	19	19	19	20	20	
13.	Hydrants	0	0	0	0	0	
14.	Sub-Total	220	219	234	261	265	
15.	TOTAL	20,741	20,866	20,963	20,886	20,762	

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
 AVERAGE NUMBER OF CUSTOMERS
 AUTHORIZED AND PROPOSED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.5

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	PROPOSED TEST YEAR	ESCALATION YEAR	Reference
		2008	2010	2011	2012	2013	
1.	Metered :						
2.	Residential	20,162	19,360	19,366	19,372	19,378	Average calculated using year end customers from Table 3.2
3.	Commercial	786	799	811	823	835	
4.	Public Authority	176	172	172	172	172	
5.	Other	173	176	176	176	176	
6.	Metered Construction	21	8	8	8	8	
7.	Sub-Total	21,318	20,515	20,533	20,551	20,569	
8.	**Private Fire Service						
9.	4"	28	66	73	80	87	
10.	6"	87	86	86	86	86	
11.	8"	92	95	96	97	98	
12.	10"	19	20	20	20	20	
13.	Hydrants	0	0	0	0	0	
14.	Sub-Total	226	267	275	283	291	
15.	TOTAL	21,544	20,782	20,808	20,834	20,860	
16.	Residential - low income	0	0	0	0	0	

CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
AVERAGE NUMBER OF CUSTOMERS
CALCULATION OF PERCENT OF INCREASE

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.6

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2010/Last Authorized 2009)-1	=(Test Yr 2012/Test Yr 2011)-1
1.	Metered :							
2.	Residential	N/A	0.65%	0.31%	-0.65%	-0.69%	-3.98%	0.03%
3.	Commercial	N/A	0.14%	1.50%	3.35%	2.59%	1.65%	1.48%
4.	Public Authority	N/A	-1.12%	-0.57%	-0.57%	-0.57%	-2.27%	0.00%
5.	Industrial	N/A	0.57%	0.00%	-1.14%	0.57%	1.73%	0.00%
6.	Metered Construction	N/A	0.00%	64.71%	7.14%	-43.33%	-61.90%	0.00%
7.	Sub-Total	N/A	0.61%	0.40%	-0.50%	-0.62%	-3.77%	0.09%
8.	**Private Fire Service							
9.	4"	N/A	0.00%	55.56%	40.48%	5.08%	135.71%	9.59%
10.	6"	N/A	-2.30%	-1.18%	7.14%	-1.11%	-1.15%	0.00%
11.	8"	N/A	1.15%	1.14%	3.37%	2.17%	3.26%	1.04%
12.	10"	N/A	0.00%	0.00%	5.26%	0.00%	5.26%	0.00%
13.	Hydrants	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
14.	Sub-Total	N/A	-0.45%	6.85%	11.54%	1.53%	18.14%	2.91%
15.	Unmetered							
16.	4500 Sq ft or less	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17.	4501 to 8000 Sq ft.	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18.	> 8000 Sq. ft.	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19.	Add'l House on Lot	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20.	Sub-Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21.	TOTAL	N/A	0.60%	0.46%	-0.37%	-0.59%	-3.54%	0.12%
22.	Residential - low income	N/A	N/A	N/A	N/A	0.00%	N/A	0.00%

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
AVERAGE ANNUAL CONSUMPTION(CCF) PER CUSTOMER
RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.7

Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	Metered :					
2.	Residential	274.6	296.2	306.3	295.0	264.8
3.	Commercial	1,636.2	1,928.8	1,930.9	1,749.6	1,536.3
4.	Public Authority	2,651.1	2,942.1	3,336.3	3,331.6	2,905.0
5.	Industrial	3,974.5	4,437.4	4,146.1	3,840.4	3,392.4
6.	Metered Construction	1,240.4	1,336.2	1,052.6	647.4	602.2
7.	Sub-Total	376.2	413.1	423.8	405.3	363.3
8.	**Private Fire Service					
9.	4"	0.0	0.0	0.0	0.0	0.0
10.	6"	0.0	0.0	0.0	0.0	0.0
11.	8"	0.0	0.0	0.0	0.0	0.0
12.	10"	0.0	0.0	0.0	0.0	0.0
13.	Hydrants	0.0	0.0	0.0	0.0	0.0
14.	Sub-Total	0.0	0.0	0.0	0.0	0.0
15.	Unmetered	0.0	0.0	0.0	0.0	0.0
16.	TOTAL	376.2	413.1	423.8	405.3	363.3

Reference

Total consumption from Table 3.10 divided by average customers from Table 3.4

Ln 8 + Ln 16

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
AVERAGE ANNUAL CONSUMPTION(CCF) PER CUSTOMER
AUTHORIZED AND PROPOSED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.8

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	PROPOSED TEST YEAR	ESCALATION YEAR	Reference
		2008	2010	2011	2012	2013	
1.	Metered :						
2.	Residential	260.0	264.8	264.8	264.8	264.8	Table 3.7 2009 Actual
3.							
4.	Commercial	1,709.0	1,536.3	1,536.3	1,536.3	1,536.3	Table 3.7 2009 Actual
5.	Public Authority	3,765.0	2,905.0	2,905.0	2,905.0	2,905.0	Table 3.7 2009 Actual
6.	Industrial	2,908.9	3,392.4	3,392.4	3,392.4	3,392.4	Table 3.7 2009 Actual
7.	Metered Construction	1,265.7	602.2	602.2	602.2	602.2	Table 3.7 2009 Actual
8.	Sub-Total	364.8	363.4	364.1	364.8	365.4	Table 3.11 / Table 3.5
9.	**Private Fire Service						
10.	4"	0.0					
11.	6"	0.0					
12.	8"	0.0					
13.	10"	0.0					
14.	Hydrants	0.0					
15.	Sub-Total	0.0	0.0	0.0	0.0	0.0	
16.	Unmetered	0.0	0.0	0.0	0.0	0.0	
17.	TOTAL	364.8	363.4	364.1	364.8	365.4	Ln 8 + Ln 16

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
AVERAGE ANNUAL CONSUMPTION(CCF) PER CUSTOMER
CALCULATION OF PERCENT OF INCREASE**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.9

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2010/Last Authorized 2008)-1	=(Test Yr 2011)-1
1.	Metered :							
2.	Residential	N/A	7.89%	3.40%	-3.68%	-10.24%	1.85%	0.00%
3.	Residential Low Income #	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4.	Commercial	N/A	17.89%	0.10%	-9.39%	-12.19%	-10.11%	0.00%
5.	Public Authority	N/A	10.98%	13.40%	-0.14%	-12.80%	-22.84%	0.00%
6.	Industrial	N/A	11.65%	-6.56%	-7.37%	-11.67%	16.62%	0.00%
7.	Metered Construction	N/A	7.73%	-21.23%	-38.50%	-6.98%	-52.42%	0.00%
8.	Sub-Total	N/A	9.79%	2.59%	-4.36%	-10.35%	-0.39%	0.18%
9.	**Private Fire Service							
10.	4"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11.	6"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12.	8"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13.	10"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14.	Hydrants	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15.	Sub-Total		N/A	N/A	N/A	N/A	N/A	N/A
16.	Unmetered	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17.	TOTAL	N/A	9.79%	2.59%	-4.36%	-10.35%	-0.39%	0.18%

Included in Residential

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
TOTAL ANNUAL CONSUMPTION (CCF)
RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.10

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.							
2.	Residential	5,331,109	5,789,273	6,004,620	5,746,098	5,121,927	
3.	Commercial	1,200,945	1,417,689	1,440,415	1,348,904	1,215,177	
4.	Public Authority	471,890	517,817	583,853	579,700	502,571	
5.	Industrial	695,538	780,980	725,568	664,395	597,057	
6.	Metered Construction	21,087	22,716	29,473	19,422	10,238	
7.	Sub-Total	7,720,569	8,528,475	8,783,929	8,358,519	7,446,970	
8.	**Private Fire Service						
9.	4"	0	0	0	0	0	
10.	6"	0	0	0	0	0	
11.	8"	0	0	0	0	0	
12.	10"	0	0	0	0	0	
13.	Hydrants	0	0	0	0	0	
14.	Sub-Total	0	0	0	0	0	
15.	TOTAL	7,720,569	8,528,475	8,783,929	8,358,519	7,446,970	Ln 8+Ln15+Ln 16

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
 TOTAL ANNUAL CONSUMPTION (CCF)
 AUTHORIZED AND PROPOSED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.11

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	PROPOSED TEST YEAR	ESCALATION YEAR	Reference
		2008	2010	2011	2012	2013	
1.	Metered :						
2.	Residential	5,242,120	5,126,959	5,128,548	5,130,136	5,131,725	
3.	Commercial	1,343,274	1,227,467	1,245,902	1,264,337	1,282,772	Total consumption from Table 3.8 times average number of customers from Table 3.5
4.	Public Authority	662,640	499,666	499,666	499,666	499,666	
5.	Industrial	503,240	597,057	597,057	597,057	597,057	
6.	Metered Construction	26,580	4,818	4,818	4,818	4,818	
7.	Sub-Total	7,777,853	7,455,967	7,475,990	7,496,014	7,516,038	
8.	**Private Fire Service						
9.	4"	0	0	0	0	0	
10.	6"	0	0	0	0	0	
11.	8"	0	0	0	0	0	
12.	10"	0	0	0	0	0	
13.	Hydrants	0	0	0	0	0	
14.	Sub-Total	0	0	0	0	0	
15.	TOTAL	7,777,853	7,455,967	7,475,990	7,496,014	7,516,038	

Included in Residential

CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
TOTAL ANNUAL CONSUMPTION (CCF)
CALCULATION OF PERCENT OF INCREASE

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.12

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2004	2005	2006	2007	2008	2008	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2010/Last Authorized 2008)-1	=(Test Yr 2012/Test Yr 2011)-1
1.	Metered :							
2.	Residential	N/A	8.59%	3.72%	-4.31%	-10.86%	-2.20%	0.03%
3.	Residential - low income #	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4.	Commercial	N/A	18.05%	1.60%	-6.35%	-9.91%	-8.62%	0.00%
5.	Public Authority	N/A	9.73%	12.75%	-0.71%	-13.30%	-24.59%	0.00%
6.	Industrial	N/A	12.28%	-7.10%	-8.43%	-10.14%	18.64%	0.00%
7.	Metered Construction	N/A	7.73%	29.75%	-34.10%	-47.29%	-81.87%	0.27%
8.	Sub-Total	N/A	10.46%	3.00%	-4.84%	-10.91%	-4.14%	0.27%
9.	**Private Fire Service							
10.	4"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11.	6"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12.	8"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13.	10"	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14.	Hydrants	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15.	Sub-Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16.	Unmetered	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17.	TOTAL	N/A	10.46%	3.00%	-4.84%	-10.91%	-4.14%	0.27%

Included in Residential

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
WATER PRODUCTION (CCF)
RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.13

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	Metered Sales	7,720,569	8,528,475	8,783,929	8,358,519	7,446,970	Table 3.10
2.	Total Consumption	7,720,569	8,528,475	8,783,929	8,358,519	7,446,970	Ln 1 + Ln 2
3.	Non Revenue	916,316	258,181	134,511	272,845	518,402	Ln 4 - Ln 2
4.	Total Water Requirement	8,636,885	8,786,656	8,918,440	8,631,364	7,965,372	
5.	Equivalent Acre Feet	19,827.6	20,171.4	20,473.9	19,814.9	18,286.0	Conversion: 435.6 CCF = 1 AF

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
WATER PRODUCTION (CCF)
AUTHORIZED AND PROPOSED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.14

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	PROPOSED TEST YEAR	ESCALATION YEAR	Reference
		2008	2010	2011	2012	2013	
1.	Metered Sales	7,777,853	7,455,967	7,475,990	7,496,014	7,516,038	Table 3.11
2.	Total Consumption	7,777,853	7,455,967	7,475,990	7,496,014	7,516,038	Ln 1 + Ln 2
3.	Non Revenue	39,700	518,402	518,402	518,402	518,402	MDR IIE2
4.	Total Water Requirement	7,817,553	7,974,369	7,994,392	8,014,416	8,034,440	Ln 3 + Ln 4
5.	Equivalent Acre Feet	17,946.6	18,306.6	18,352.6	18,398.6	18,444.5	Conversion: 435.6 CCF = 1 AF

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
WATER PRODUCTION (KCCF)
CALCULATION OF PERCENT OF INCREASE**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.15

Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2010/Last Authorized 2008)-1	=(Test Yr 2012/Test Yr 2011)-1
1.	Metered Sales	N/A	10.46%	3.00%	-4.84%	-10.91%	-4.14%	0.27%
2.	Computed Flat Rate Sales	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3.	Total Consumption	N/A	10.46%	3.00%	-4.84%	-10.91%	-4.14%	0.00%
4.	Unaccounted For Water Est. at	N/A	-71.82%	-47.90%	102.84%	90.00%	1205.80%	0.25%
5.	Total Water Requirement	N/A	1.73%	1.50%	-3.22%	-7.72%	2.01%	0.25%
6.	Equivalent Acre Feet	N/A	1.73%	1.50%	-3.22%	-7.72%	2.01%	0.25%

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
COMPARISON OF REVENUES AT PRESENT AND PROPOSED RATES**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.16

1. TEST YEAR 2012

	REVENUE		REVENUE		
	Present	Proposed	Proposed vs.	Proposed vs.	
	Rates	Rates	Present Rates	Present Rates	
	Dollars	Dollars	(\$)	(%)	Reference:
			Increase	Increase	
6. <u>Customer Class</u>					
7. Residential	21,146,036	22,498,944	1,352,908	6.40%	Table 3.18
8. Commercial	5,122,646	5,440,080	317,434	6.20%	for revenues @ present rates
9. Public Authority	1,955,444	2,068,469	113,025	5.78%	
10. Industrial	2,312,722	2,443,482	130,760	5.65%	
11. Metered Construction	99,166	100,091	925	0.93%	Table 3.21
13. Private Fire Service	186,854	#REF!	#REF!	0.00%	
13. Miscellaneous	0	0	0	0.00%	
14. TOTAL BILLED RATES	30,822,868	#REF!	#REF!	0.00%	

15. ESCALATION YEAR 2013

16. <u>Customer Class</u>					
17. Residential	22,505,596	23,888,365	1,382,768	6.14%	Table 3.18
18. Commercial	5,505,668	5,836,303	330,635	6.01%	for revenues @ present rates
19. Public Authority	2,068,469	2,187,755	119,285	5.77%	
20. Industrial	2,443,482	2,582,500	139,019	5.69%	
21. Metered Construction	110,308	106,096	(4,212)	-3.82%	Table 3.21
22. Private Fire Service	203,315	#REF!	#REF!	0.00%	
24. Miscellaneous	0	0	0	0.00%	
25. TOTAL BILLED RATES	32,836,838	#REF!	#REF!	0.00%	

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
 OPERATING REVENUES AT PRESENT RATES (\$) **RECORDED**

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.17

Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	GENERAL METERED						
2.	Residential	12,999,983	14,704,492	16,209,724	15,695,338	17,453,062	
3.	Commercial	2,875,586	3,510,867	3,599,055	3,662,239	4,059,827	
4.	Public Authority	1,105,688	1,294,042	1,515,483	1,507,244	1,651,654	
5.	Industrial	1,518,067	1,832,645	1,845,718	1,723,739	1,899,631	
6.	Metered Construction	180,178	206,334	279,854	195,337	141,664	
7.	GENERAL METERED	18,679,502	21,548,380	23,449,834	22,783,897	25,205,838	
8.	OTHER						
9.	Private Fire Service	211,585	144,631	137,012	138,331	147,194	
10.							
11.	TOTAL REVENUES	18,891,087	21,693,011	23,586,846	22,922,228	25,353,032	
12.	Deferred Contribution Rev (Method 5	16,255	3,144	18,920	6,876	3,572	
13.	Misc. Service Revenues	1,350	1,359	1,705	2,037	7,084	
14.	WRAM and Water/Power Bal Accts	258,370	303,864	341,245	343,164	(179,801)	
15.	Low Income Discount	0	0			1,326	
15.	Conservation Surcharge	0	0	0	40355	171,494	
15.	Contract Revenue (10%)						
16.	Antenna Lease (30%)	4020	4,320	4,320	4,320	4,320	
17.	TOTAL	19,171,082	22,005,698	23,953,036	23,318,980	25,361,027	
18.	Revenues Per Avg Customer	924	1,055	1,143	1,116	1,222	Ln 19 / Table 3.4, Ln 21

NOTE: EXCLUDES PUC FEE REIMBURSEMENT AMOUNTS

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
 OPERATING REVENUES AT PRESENT RATES (\$)
 AUTHORIZED AND PROPOSED

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	3
TABLE:	3.18

Line No.	Description	LAST AUTHORIZED	ESTIMATED	Proposed	Proposed	Escalation	Reference
		Advice Letter 823 Step		Test Year	Test Year	Year	
		2008	2010	2011	2012	2013	
1.	GENERAL METERED						Workpaper
2.	Residential	17,934,552	19,435,928	19,441,747	21,146,036	22,505,596	REV 200
3.	Commercial	4,418,809	4,591,681	4,658,279	5,122,646	5,505,668	REV 200
4.	Public Authority	1,652,377	1,814,420	1,814,420	1,955,444	2,068,469	REV 200
5.	Industrial	2,048,671	2,149,803	2,149,803	2,312,722	2,443,482	REV 200
6.	Metered Construction	331,435	91,570	91,570	99,166	110,308	
7.	GENERAL METERED	26,385,844	28,083,402	28,155,818	30,636,014	32,633,523	Ln 2 thru Ln 7
8.	OTHER						
9.	Private Fire Service	173,656	163,518	168,029	186,854	203,315	REV 200
10.							
11.	TOTAL BILLED REVENUES	26,559,500	28,246,919	28,323,847	30,822,868	32,836,838	Ln 8 thru Ln 13
12.	Deferred Contribution Rev	3,100	6,463	6,563	6,463	6,463	Exh A, Table 9.7
13.	Misc. Service Revenues	1,400	2,707	2,707	2,707	2,707	5 YR AVG 2005-2009
14.	WRAM and Water/Power Bal Accts						
15.	Low Income Discount		(23,154)	(25,806)	(28,458)	(31,110)	REV 502
16.	Conservation Surcharge						
17.	Contract Revenue (10%)		-	-	-	-	
18.	Antenna Lease (30%)		4,320	4,320	4,320	4,320	
19.	TOTAL	26,564,000	28,237,255	28,311,631	30,807,900	32,819,218	Ln 14 thru Ln 18 Ln 19 /
20.	Revenues Per Avg Customer	1,233	1,359	1,361	1,479	1,573	Table 3.5, Ln 21

CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PRESENT RATES (\$)
CALCULATION OF PERCENT OF INCREASE

FILED:	UPDATE
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Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation		= (Recorded 2006/Recorded 2005)-1	= (Recorded 2007/Recorded 2006)-1	= (Recorded 2008/Recorded 2007)-1	= (Recorded 2009/Recorded 2008)-1	= (Est 2010/Last Authorized 2008)-1	= (Test Yr 2012/Test Yr 2011)-1
1.	GENERAL METERED							
2.	Residential	N/A	13.11%	10.24%	-3.17%	11.20%	8.37%	8.77%
3.								
4.	Commercial	N/A	22.09%	2.51%	1.76%	10.86%	3.91%	9.97%
5.	Public Authority	N/A	17.04%	17.11%	-0.54%	9.58%	9.81%	7.77%
6.	Industrial	N/A	N/A	N/A	N/A	N/A	4.94%	7.58%
7.	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8.	GENERAL METERED	N/A	15.36%	8.82%	-2.84%	10.63%	6.43%	8.81%
9.	UNMETERED							
10.	Unmetered	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11.	OTHER							
12.	Private Fire Service	N/A	-31.64%	-5.27%	0.96%	6.41%	-5.84%	11.20%
13.	Misc. Service	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
14.	TOTAL REVENUES	N/A	14.83%	8.73%	-2.82%	10.60%	6.35%	8.82%
15.	Deferred Contribution Rev	N/A	-80.66%	501.78%	-63.66%	-48.05%	N/A	N/A
16.	Conservation Surcharges	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17.	True Up Revenues Auth	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18.	Other	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	10.28%
19.	TOTAL	N/A	14.79%	8.85%	-2.65%	8.76%	6.30%	8.82%

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VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PROPOSED RATES (\$)
RECORDED

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Line No.	Description	RECORDED YEARS					Reference
		2005	2006	2007	2008	2009	
1.	GENERAL METERED						
2.	Residential	12,999,983	14,704,492	16,209,724	15,695,338	17,453,062	
3.	Commercial	2,875,586	3,510,867	3,599,055	3,662,239	4,059,827	Data from Table 3.17
4.	Public Authority	1,105,688	1,294,042	1,515,483	1,507,244	1,651,654	
5.	Industrial	1,518,067	1,832,645	1,845,718	1,723,739	1,899,631	
6.	Metered Construction	180,178	206,334	279,854	195,337	141,664	
7.	GENERAL METERED	18,679,502	21,548,380	23,449,834	22,783,897	25,205,838	Ln 2 thru Ln 6
8.	OTHER						
9.	Private Fire Service	211,585	144,631	137,012	138,331	147,194	
10.		0	0	0	0	0	
11.	TOTAL REVENUES	18,891,087	21,693,011	23,586,846	22,922,228	25,353,032	Ln 7 thru Ln 12
12.	Deferred Contribution Rev (Method 5)	16,255	3,144	18,920	6,876	3,572	Table 3.17
13.	Misc. Service Revenues	1,350	1,359	1,705	2,037	7,084	
14.	WRAM and Water/Power Bal Accts	258,370	303,864	341,245	343,164	-179,801	
15.	Low Income Discount	0	0	0	0	1,326	
16.	Conservation Surcharge	0	0	0	40,355	171,494	
17.	Contract Revenue (10%)	0	0	0	0	0	
18.	Antenna Lease (30%)	4,020	4,320	4,320	4,320	4,320	
19.	TOTAL	19,171,082	22,005,698	23,953,036	23,318,980	25,361,027	Ln 13 thru Ln 17 Ln 18 /
20.	Revenues Per Avg Customer	924	1,055	1,143	1,116	1,222	Table 3.4, Ln 21

CALIFORNIA AMERICAN WATER
VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
OPERATING REVENUES AT PROPOSED RATES (\$)
AUTHORIZED AND PROPOSED

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TABLE:	3.21

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	PROPOSED TEST YEAR	ESCALATED	Reference
		2008	2010	2011	2012	2013	
1.	GENERAL METERED						
2.	Residential	17,934,552	19,435,928	21,139,754	22,498,944	23,888,365	REV-500 Workpaper
3.	Commercial	4,418,809	4,591,681	5,050,952	5,440,080	5,836,303	REV-500 Workpaper
4.	Public Authority	1,652,377	1,814,420	1,955,444	2,068,469	2,187,755	REV-500 Workpaper
5.	Industrial	0	2,149,803	2,312,722	2,443,482	2,582,500	REV-500 Workpaper
6.	Metered Construction	0	91,570	92,743	100,091	106,096	
7.	GENERAL METERED	24,005,737	28,083,402	30,551,615	32,551,066	34,601,018	Ln 2 thru Ln 6
8.	OTHER						
9.	Private Fire Service	173,656	163,518	181,969	#REF!	#REF!	REV-500 Workpaper
10.		0	0	0	0	0	Table 3.18
11.	TOTAL REVENUES	24,179,393	28,246,919	30,733,583	#REF!	#REF!	Ln 7 thru Ln 12
12.	Deferred Contribution Rev (Method 5)	3,100	6,463	6,563	6,463	6,463	Table 3.18
13.	Misc. Service Revenues	1,400	2,707	2,707	2,707	2,707	
14.	WRAM and Water/Power Bal Accts	0	0	0	0	0	
15.	Low Income Discount	0	-23,154	-25,806	-28,458	-31,110	
16.	Conservation Surcharge	0	0	0	0	0	Table 3.18
17.	Contract Revenue (10%)	0	0	0	0	0	Table 3.18
18.	Antenna Lease (30%)	0	4,320	4,320	4,320	4,320	Table 3.18
19.	TOTAL	24,183,893	28,237,255	30,721,367	#REF!	#REF!	Ln 13 thru Ln 17 Ln 18 /
20.	Revenues Per Avg Customer	1,123	1,359	1,476	#REF!	#REF!	Table 3 5, Ln 21

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY DISTRICT - 2010 GENERAL RATE CASE
 OPERATING REVENUES AT PROPOSED RATES (\$)
 CALCULATION OF PERCENT OF INCREASE

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Line No.	Description	RECORDED YEARS					LAST AUTHORIZED TEST YEAR	PROPOSED TEST YEAR
		2005	2006	2007	2008	2009	2008	2012
	Calculation	N/A	=(Recorded 2006/Recorded 2005)-1	=(Recorded 2007/Recorded 2006)-1	=(Recorded 2008/Recorded 2007)-1	=(Recorded 2009/Recorded 2008)-1	=(Est 2010/Last Authorized 2008)-1	=(Test Yr 2012/Test Yr 2011)-1
1.	GENERAL METERED							
2.	Residential	N/A	13.11%	10.24%	-3.17%	11.20%	8.37%	6.43%
3.	Commercial	N/A	22.09%	2.51%	1.76%	10.86%	3.91%	7.70%
4.	Public Authority	N/A	17.04%	17.11%	-0.54%	9.58%	9.81%	5.78%
5.	Industrial	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6.	Irrigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7.	GENERAL METERED	N/A	15.36%	8.82%	-2.84%	10.63%	16.99%	6.54%
8.	UNMETERED							
9.	Unmetered	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10.	OTHER							
11.	Private Fire Service	N/A	-31.64%	-5.27%	0.96%	6.41%	-5.84%	#REF!
12.	Misc. Service	N/A	N/A	N/A	N/A	N/A	0.00%	0.00%
13.	TOTAL REVENUES	N/A	14.83%	8.73%	-2.82%	10.60%	16.82%	#REF!
14.	Deferred Contribution Rev	N/A	-80.66%	501.78%	-63.66%	-48.05%	N/A	N/A
15.	Conservation Surcharges	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16.	Low Income Discount	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17.	Other	N/A	7.46%	0.00%	0.00%	0.00%	0.00%	0.00%
18.	TOTAL	N/A	14.79%	8.85%	-2.65%	8.76%	16.76%	#REF!

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY (VILLAGE) DISTRICT
2010 GENERAL RATE CASE
OPERATING EXPENSES**

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DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains tables of information regarding the calculation of pro forma operating expenses for water service operations presented in the GRC application. Historical individual account information within the California American Water accounting system provided the basis for determining these projected expenses.

Information included in this chapter includes five years of expense information as recorded on the books of California American Water and forecasted expenses for the years 2010, 2011 and Test Year 2012. Workpapers supporting inflation-adjusted five year averages for all administrative, operational and maintenance expenses are filed as part of the GRC application.

Pro forma operating expenses reflect normalizing adjustments including the removal of non-recurring expense items. The following describes the methodologies used to forecast expenses for the years 2010 through 2012:

Method of Escalating Labor Expenses

Payroll expenses shown for the year 2010 reflect salary information as of March 31, 2010.

Non-union employee salaries were inflated 3.5% in 2011 and 2.6% in 2012.

Union employee salaries were inflated using the same inflation rates as non-union employees except for 2011 since the current union agreement is still in effect for Year 2011. The rate used in accordance to the agreement for 2011 is 3%.

Method of Escalating Non-Labor Expenses

California American Water used the historical and forecasted inflation rates data prepared by the Division of Ratepayer Advocates Energy Cost of Service Branch for April 2010. Forecasted inflation rates include a 5 year historical average customer growth adjustment.

A table showing the inflation factors used is attached to the expense workpapers.

Method of Eliminating Non-Recurring Expenses

Non-recurring expense items have been removed where applicable from the expense forecast.

The following discussions present additional information regarding the forecasting of operating expenses for this GRC application.

Payroll

Since payroll expenses can be charged to several different operating and capital expense accounts, projected labor charges are shown separately on Table 4.2 of Chapter 4.

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Payroll expense projections are calculated in the workpapers (Ventura EXP-200) on an individual employee basis, utilizing current staffing levels and salary information as of March 31, 2010.

To the extent applicable, payroll calculations for the Ventura County District are shown net of time and pay charged to other regulated and non-regulated activities.

The total projected payroll expenses for the Ventura County District include the following factors and assumptions:

- 1) A portion of the Ventura County district employees will continue to be represented by a bargaining unit. Since the present union contract will expire in January 2011, projected increases for 2012 were estimated by using a 2.6% annual increase for 2012.
- 2) A portion of the Ventura County district employees will continue to not be represented by a bargaining unit. It has been assumed those employees will receive an annual increase of 3.5% for 2011 and 2.6% for 2012. The increases for 2011 are based on American Water's internal labor escalation projection. The increases for the year 2012 are based on the DRA April 2010 Labor Escalation Memo. Increases are projected to become effective on January 1 of each year.
- 3) The number of overtime hours projected for 2010, 2011 and 2012 was based on a historic two year average of years 2008 and 2009 on a per employee basis. Overtime hour levels were presumed to remain unchanged through the years 2010-2012. Union employees will be compensated at overtime pay rates in accordance with union contract provisions.
- 4) A historic two-year average of capitalized payroll adjusted for inflation on a per employee basis was used to calculate capitalized payroll for 2010 to 2012.

Purchased Power

Purchased power was calculated based on fiscal 2006 - 2008 kilowatt usage patterns and kilowatt per water production units at average kilowatt costs calculated from most recent 12 months billing data. This fiscal data was applied to estimated water production quantities to derive purchased power estimates for 2010 through 2012.

The fiscal year data was obtained from billing data of the power providers for the Ventura County service area.

Purchased Water

Purchased water costs are based on normalized consumption and production estimates computed at the most current commodity rate and assessment rates from Calleguas Municipal Water District.

Chemicals

There are no chemical treatment costs for the Ventura County service area.

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Uncollectibles

Uncollectible expenses for years 2010 through 2012 were forecasted by applying a most recent 12 month average of the monthly uncollectible rate for California American Water to pro forma revenues at present rates.

Other Operating and Maintenance Expenses

Maintenance of Reservoirs and Tanks

Costs for maintenance of Reservoirs and Tanks for 2010 through 2012 were forecasted based on scheduled tank painting needs. A table showing the ongoing Storage Tank maintenance program for the Ventura County District is attached to the workpapers.

Miscellaneous Water Treatment Expenses

Miscellaneous Water Treatment Expenses (PUC Account 743) for the projected years were forecasted based on a five-year inflation-adjusted historical average.

Other Operating and Maintenance Expenses

The remaining Other Operating and Maintenance expenses for the forecasted years were estimated based on five-year inflation-adjusted historical averages except where noted. The projected expenses also reflect normalizing adjustments including the removal of non-recurring expense items.

Other Administrative and General Expenses

Miscellaneous General Expenses

Miscellaneous General Expenses (PUC Account 799) for 2009 and Test Year 2010 were forecasted based on a five-year inflation-adjusted historical average except where noted.

Other Administrative and General Expenses

The remaining Other Administrative and General Account expenses for 2010 through Test Year 2012 were forecasted based on five-year inflation-adjusted historical average except where noted. These expenses reflect normalizing adjustments including the removal of non-recurring expense items.

Transportation

Transportation expenses were forecasted based on actual vehicle lease costs, vehicle replacement schedules and historical averages for fuel and maintenance costs. Lease costs were reduced for replacement vehicles that will be purchased in the forecasted years instead of leased.

Rents

Forecasted Real property rent expenses were based on actual lease costs.

**CALIFORNIA AMERICAN WATER
VENTURA COUNTY (VILLAGE) DISTRICT
2010 GENERAL RATE CASE
OPERATING EXPENSES**

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General Office

Table 4.1 shows Allocations of General Office and Service Company costs. General Office cost allocations are further divided into costs historically allocated to the districts and "traditional General Office" allocated costs. For a computation and explanation of these costs, please see the separate General Office and Service Company exhibit. These exhibits also explain how those expenses were allocated to each California American Water operating district.

Allocated Southern Division Costs

Table 4.1 shows Allocations of Southern Division costs. The Southern Division consists of the San Diego County (Coronado), Ventura (Village), and Los Angeles Service area. Southern Division costs are expenses for services benefitting all three Service areas, such as water quality (laboratory expenses), Shipping and Printing expenses and Contracted Services expenses. These expenses have been allocated to the three Southern Division Service Areas based on number of customers.

Acquisition Premium

Decision 01-09-057 approved the purchase of the water and wastewater assets of Citizens Utilities by American Water and authorized the recovery of the acquisition premium attributable to California American Water. A portion of the amortization of that premium has been allocated to the Ventura County Service area.

Table Overview

Table 4.1 shows a Summary of Recorded and forecasted O&M Expenses, last authorized Test Year expense levels and allocated General Office, Service Company, Division Cost and Acquisition Premium expenses.

Table 4.2 shows historical and forecasted Payroll information, last authorized Test Year labor expense and staffing levels.

Table 4.3, Table 4.4 and Table 4.5 show historical and forecasted Operating, Maintenance and A&G expenses and last authorized Test Year expense levels.

Table 4.6a and Table 4.6b show historical and forecasted O&M expense per customer ratios.

Tables 4.7 and 4.8 show expense level changes in percent between historical, forecasted and last authorized Test Year expense levels.

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 SUMMARY OF TOTAL OPERATING EXPENSES
 RECORDED - AUTHORIZED - PROPOSED

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	SUMMARY					
2.	Labor	715.2	843.7	884.4	910.4	946.3
3.	Purchased Water	12,590.0	13,132.1	14,336.8	14,374.5	15,267.0
4.	Purchased Power	272.4	338.2	350.4	306.7	256.3
5.	Chemicals	0.2	0.2	0.0	0.0	0.0
6.	Source of Supply (SS)	38.0	34.8	34.6	32.2	20.2
7.	Pumping	15.4	2.2	8.2	5.1	4.4
8.	Water Treatment	0.0	6.5	0.0	46.6	70.1
9.	Transmission and Distribution (T&D)	49.9	103.2	162.4	130.4	51.1
10.	Maintenance (excl. tank painting)	89.9	79.7	72.7	39.6	96.9
11.	Tank Painting Amortization	40.9	23.2	18.6	80.5	137.4
12.	Customer Accounting	9.0	5.3	6.9	9.4	8.2
13.	Rent	291.1	288.7	290.2	288.3	300.4
14.	Transportation	77.0	112.8	140.8	151.5	132.9
15.	Regulatory Expense	0.0	0.0	0.0	0.0	0.0
16.	Uncollectibles	125.9	144.5	157.3	153.1	166.5
17.	Other Welfare	50.3	64.5	55.4	54.7	53.2
18.	Other Administrative and General	286.6	461.4	111.1	236.1	197.5
19.	GO historically inclded with district exps	462.3	654.2	551.3	677.7	940.6
20.	SUB-TOTAL	15,114.1	16,295.1	17,181.1	17,496.7	18,649.2
21.	Allocated "traditional" General Office	357.0	323.8	597.2	1,040.9	1,061.6
22.	Service Company	1,349.4	1,790.9	1,646.2	1,521.6	1,426.0
23.	Allocated Southern Div costs	19.8	27.7	26.2	18.2	4.7
24.	Citizens Acquisition Premium	476.7	463.7	471.5	540.1	523.8
25.	TOTAL OPERATING EXPENSES	17,317.0	18,901.0	19,922.2	20,617.4	21,665.2
26.	Operat. and Mntnce Exps per customer (in thousands of dollars per customer)	0.8	0.9	1.0	1.0	1.0

all \$ values in thousands of dollars

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 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 SUMMARY OF TOTAL OPERATING EXPENSES
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Line No.	Description	ESTIMATED				LAST AUTHORIZED TEST YEAR	LAST AUTHORIZED previously allocated costs moved back to GO	Reference
		2010	2011	2012	2013	2008	GO	
1.	SUMMARY					D 08-03-022		
2.	Labor	1,034.4	1,148.9	1,195.9	1,233.3	910.4	910.4	ExA Ch4 Tbl 4.2
3.	Purchased Water	17,960.2	18,002.3	17,994.7	18,552.7	12,690.2	12,690.2	Exp- ExA Ch4 Tbl 4.3
4.	Purchased Power	289.9	290.6	291.3	292.0	271.5	271.5	Exp- ExA Ch4 Tbl 4.3
5.	Chemicals	0.1	0.1	0.1	0.1	0.2	0.2	Exp- ExA Ch4 Tbl 4.3
6.	Source of Supply (SS)	33.2	34.3	35.3	36.4	27.7	27.7	Exp- ExA Ch4 Tbl 4.3
7.	Pumping	7.4	7.6	7.8	8.1	2.2	2.2	Exp- ExA Ch4 Tbl 4.3
8.	Water Treatment	25.6	26.4	27.3	28.1	7.4	7.4	Exp- ExA Ch4 Tbl 4.3
9.	Transmission and Distribution (T&D)	103.4	106.6	273.0	281.2	66.8	66.8	Exp- ExA Ch4 Tbl 4.3
10.	Maintenance (excl. tank painting)	78.8	81.3	83.9	86.5	137.6	137.6	ExA Ch4 Tbl 4.1 & 4.4
11.	Tank Painting Amortization	220.8	284.2	299.9	291.7	71.6	71.6	See Exp. WP EXP-136
12.	Customer Accounting	8.1	8.3	8.6	8.9	59.4	59.4	Exp- ExA Ch4 Tbl 4.3
13.	Rent	294.5	303.8	313.5	323.2	275.4	275.4	ExA Ch4 Tbl 4.5
14.	Transportation	183.8	186.2	182.9	188.5	0.0	0.0	See Exp. WP EXP-144
15.	Regulatory Expense	0.0	0.0	0.0	0.0	79.4	79.4	ExA Ch4 Tbl 4.5
16.	Uncollectibles	185.4	185.9	202.2	215.5	53.4	53.4	Exp- ExA Ch4 Tbl 4.3
17.	Other Welfare	43.5	44.5	46.9	48.4	306.5	306.5	ExA Ch4 Tbl 4.5
18.	Other Administrative and General	255.5	263.4	298.4	307.4	454.9	454.9	ExA Ch4 Tbl 4.5
19.	GO historically inclded with district exps	1,022.0	1,189.4	1,423.5	1,346.1		647.7	ExA-CC Ch3 Table2
20.	SUB-TOTAL	21,746.5	22,163.7	22,685.1	23,248.2	15,414.6	15,414.6	
21.	Allocated "traditional" General Office	1,192.3	512.6	1,424.0	1,489.9	439.4		ExA-CC Ch2 Table1
22.	Service Company	1,463.4	1,227.7	1,590.4	1,646.1	1,186.7		ExACh3Sec3Tbl1
23.	Allocated Southern Div costs	16.2	16.7	17.3	17.8			EXP-400
24.	Citizens Acquisition Premium	488.2	472.9	457.8	442.5	540.07		ExA-CC Ch4 Table2
25.	TOTAL OPERATING EXPENSES	24,906.6	24,393.8	26,174.5	26,844.5	17,580.8		
26.	Operat. and Mntnce Exps per customer (in thousands of dollars per customer)	1.2	1.2	1.3	1.3	0.8		

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 PAYROLL EXPENSES
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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	<u>Payroll Expense</u>					
2.	Salaries	767.4	902.8	947.2	975.1	1,013.1
3.	Overtime	56.1	52.5	54.1	55.7	66.1
4.	Total Salaries	823.5	955.3	1,001.3	1,030.8	1,079.2
5.	Capitalized Payroll	108.3	111.6	116.9	120.4	132.9
6.	Total Net Payroll	715.2	843.7	884.4	910.4	946.3
7.	Payroll per thousand customers (in \$000's)	39.7	45.8	47.8	49.4	52.0
	<u>Number of Employees</u>					
6.	Number of employees per thousand customers	0.8	0.8	0.8	0.8	0.8
7.	Number of employees	16	16	16	16	16

all \$ values in thousands of dollars

customers (1,000s) 21 21 21 21 21

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 PAYROLL EXPENSES
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Line No.	Description	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTHORIZED TEST YEAR	Reference
		2010	2011	2012	2013	2008	
1.	<u>Payroll Expense</u>						
2.	Salaries	1,073.7	1,201.1	1,255.0	1,294.2	969.5	EXP-200 (Payroll Summary)
3.	Overtime	93.1	95.8	98.3	101.5	52.5	EXP-200 (Payroll Summary)
4.	Total Salaries	1,166.7	1,296.9	1,353.4	1,395.7	1,022.0	calculated
5.	Capitalized Payroll	132.3	148.0	157.5	162.4	111.6	EXP-200 (Payroll Summary)
6.	Total Net Payroll	1,034.4	1,148.9	1,195.9	1,233.3	910.4	calculated
7.	Payroll per thousand customers (in \$000's)	56.1	62.3	65.0	66.9	47.4	
	<u>Number of Employees</u>						
6.	Number of employees per thousand customers	0.8	0.8	0.8	0.8	0.7	
7.	Number of employees	17	17	17	17	16	without Southern Div

all \$ values in thousands of dollars

customers (1,000s)	21	21	21	21	22
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CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 SUMMARY OF OPERATION & MAINTENANCE (O&M) EXPENSES
 RECORDED - AUTHORIZED - PROPOSED

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Line No.	Description	PUC Account No.	RECORDED YEARS				
			2005	2006	2007	2008	2009
OPERATION EXPENSES							
1.	Source of Supply Expense	702	0.0	0.0	0.0	0.0	0.0
2.	Source of Supply - Miscellaneous	703	38.0	34.8	34.6	32.2	20.2
3.	Purchased Water	704	12,590.0	13,132.1	14,336.8	14,374.5	15,267.0
4.	Pumping Expense - Miscellaneous	725	15.4	2.2	8.2	5.1	4.4
5.	Purchased Power	726	272.4	338.2	350.4	306.7	256.3
6.	Water Treatment	742	0.0	0.0	0.0	0.0	0.0
7.	Water Treatment - Miscellaneous	743	0.0	6.5	0.0	46.6	70.1
8.	Chemicals	744	0.2	0.2	0.0	0.0	0.0
9.	Transmission & Distribution (T&D) - Supervision	751	0.0	0.0	0.0	0.0	0.0
10.	T & D - Storage	752	0.0	0.0	0.0	0.0	0.0
11.	T & D - Lines	753	0.0	0.0	0.0	0.0	0.0
12.	T & D - Meters	754	0.0	0.0	0.0	0.0	0.0
13.	T & D - Customer Installation	755	0.0	0.0	0.0	0.0	0.0
14.	T & D - Miscellaneous	756	49.9	103.2	162.4	130.4	51.1
15.	Customer Accounts - Supervision	771	0.0	0.0	0.0	0.0	0.0
16.	Customer Accounts - Meter Reading	772	0.0	0.0	0.0	0.0	0.0
17.	Cust. Accts. - Records & Collect. & Misc.	773	4.8	4.4	5.0	5.1	5.1
18.	Customer Accounts - Miscellaneous	774	4.2	0.8	1.9	4.2	3.2
19.	Customer Accounts - Uncollectibles	775	125.9	144.5	157.3	153.1	166.5
1.	TOTAL OPERATION EXPENSES		13,100.7	13,766.9	15,056.6	15,058.0	15,843.8
2.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)		0.63	0.66	0.72	0.72	0.76

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 SUMMARY OF OPERATION & MAINTENANCE (O&M) EXPENSES
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Line No.	Description	PUC Account No.	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION	LAST AUTHORIZED	Reference
			2010	2011	2012	YEAR	TEST YEAR	
OPERATION EXPENSES								
1.	Source of Supply Expense	702	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-101
2.	Source of Supply - Miscellaneous	703	33.2	34.3	35.3	36.4	27.7	See Exp WP EXP-102
3.	Purchased Water	704	17,960.2	18,002.3	17,994.7	18,552.7	12,690.2	See Exp WP EXP-103
4.	Pumping Expense - Miscellaneous	725	7.4	7.6	7.8	8.1	2.2	See Exp WP EXP-104
5.	Purchased Power	726	289.9	290.6	291.3	292.0	271.5	See Exp WP EXP-105
6.	Water Treatment	742	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-106
7.	Water Treatment - Miscellaneous	743	25.6	26.4	27.3	28.1	7.4	See Exp WP EXP-106
8.	Chemicals	744	0.1	0.1	0.1	0.1	0.2	See Exp WP EXP-107
9.	Transmission & Distribution (T&D) - Supervision	751	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-108
10.	T & D - Storage	752	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-109
11.	T & D - Lines	753	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-110
12.	T & D - Meters	754	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-111
13.	T & D - Customer Installation	755	0.0	0.0	0.0	0.0	12.5	See Exp WP EXP-112
14.	T & D - Miscellaneous	756	103.4	106.6	273.0	281.2	54.3	See Exp WP EXP-113
15.	Customer Accounts - Supervision	771	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-114
16.	Customer Accounts - Meter Reading	772	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-115
17.	Cust. Accts. - Records & Collect. & Misc.	773	5.1	5.2	5.4	5.6	5.6	See Exp WP EXP-116
18.	Customer Accounts - Miscellaneous	774	3.0	3.1	3.2	3.3	53.8	See Exp WP EXP-117
19.	Customer Accounts - Uncollectibles	775	185.4	185.9	202.2	215.5	53.4	See Exp WP EXP-118
1.	TOTAL OPERATION EXPENSES		18,613.2	18,662.1	18,840.3	19,423.0	13,178.8	
2.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)		0.90	0.90	0.90	0.93	0.61	

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 SUMMARY OF MAINTENANCE EXPENSES (\$000's)
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Line No.	Description	PUC Account No.	RECORDED YEARS					
			2005	2006	2007	2008	2009	
	<u>MAINTENANCE EXPENSES</u>							
1.	Source of Supply - Structures	706	0.0	0.0	0.0	0.0	0.0	
2.	Source of Supply - Lakes, Rivers	709	0.0	0.0	0.0	0.0	0.0	
3.	Source of Supply - Springs	710	0.0	0.0	0.0	0.0	0.0	
4.	Source of Supply - Other	713	1.4	3.0	0.0	0.0	(0.1)	
5.	Pumping - Supervision	729	0.0	0.0	0.0	0.0	0.0	
6.	Pumping - Structures	730	0.0	0.0	0.0	0.0	0.0	
7.	Pumping - Power Production	731	0.0	0.0	0.0	0.0	0.0	
8.	Pumping - Other	733	0.0	0.0	0.0	0.0	0.0	
9.	Water Treatment - Equipment	748	0.0	0.0	0.0	0.0	0.0	
10.	T & D Supervision & Engineering	758	0.0	0.0	0.0	0.0	0.0	
11.	T & D Structures	759	0.0	0.0	0.0	0.0	0.0	
12.	T & D Reservoirs & Tanks	760	0.0	0.0	0.0	0.0	0.0	
13.	T & D Mains	761	0.0	0.0	0.0	0.0	0.0	
14.	T & D Services	763	0.0	0.0	0.0	0.0	0.0	
15.	T & D Meters	764	0.0	0.0	0.0	0.0	0.0	
16.	T & D Hydrants	765	0.0	0.0	0.0	0.0	0.0	
17.	T & D Miscellaneous Plant	766	129.4	99.9	91.4	120.0	234.4	
18.	TOTAL MAINTENANCE EXPENSE		130.8	102.9	91.4	120.0	234.3	
19.	Maintenance Expense per customer (in thousands of dollars per customer)		0.01	0.00	0.00	0.01	0.01	

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 SUMMARY OF MAINTENANCE EXPENSES (\$000's)
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Line No.	Description	PUC Account No.	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTHORIZED TEST YEAR	Reference
			2010	2011	2012	2013	2008	
	<u>MAINTENANCE EXPENSES</u>							
1.	Source of Supply - Structures	706	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-119
2.	Source of Supply - Lakes, Rivers	709	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-121
3.	Source of Supply - Springs	710	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-122
4.	Source of Supply - Other	713	0.9	0.9	0.9	1.0	0.0	See Exp WP EXP-123
5.	Pumping - Supervision	729	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-124
6.	Pumping - Structures	730	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-125
7.	Pumping - Power Production	731	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-126
8.	Pumping - Other	733	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-127
9.	Water Treatment - Equipment	748	0.0	0.0	0.0	0.0	50.5	See Exp WP EXP-128
10.	T & D Supervision & Engineering	758	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-129
11.	T & D Structures	759	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-130
12.	T & D Reservoirs & Tanks	760	0.0	0.0	0.0	0.0	71.6	See Exp WP EXP-131
13.	T & D Mains	761	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-132
14.	T & D Services	763	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-133
15.	T & D Meters	764	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-134
16.	T & D Hydrants	765	0.0	0.0	0.0	0.0	0.0	See Exp WP EXP-135
17.	T & D Miscellaneous Plant	766	298.7	364.6	382.8	377.2	87.1	See Exp WP EXP-136
18.	TOTAL MAINTENANCE EXPENSE		299.6	365.5	383.7	378.2	209.2	
19.	Maintenance Expense per customer (in thousands of dollars per customer)		0.01	0.02	0.02	0.02	0.01	

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 SUMMARY OF ADMINISTRATIVE AND GENERAL (A&G) EXPENSES (\$000's)
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Line No.	Description	PUC Account No.	RECORDED YEARS				
			2005	2006	2007	2008	2009
	ADMINISTRATIVE & GENERAL EXPENSES						
1.	Office Supplies & Other Expenses	792	16.5	22.5	20.6	19.9	15.8
2.	Property Insurance	793	1.8	2.6	9.8	5.5	5.1
3.	Worker's Comp, Injuries & Damages	794	0.0	0.0	0.0	0.0	0.0
4.	Employee Pension & Benefits	795	50.3	64.5	55.4	54.7	53.2
5.	Regulatory Expense	797	0.0	0.0	0.0	0.0	0.0
6.	Outside Services	798	62.0	19.6	5.8	20.2	51.1
7.	Miscellaneous General Expense	799	282.2	446.3	218.8	332.3	267.2
8.	General Plant	805	1.2	83.0	(3.0)	9.8	(8.9)
9.	Rents	811	291.1	288.7	290.2	288.3	300.4
10.	TOTAL ADMIN & GENERAL EXPENSES		705.1	927.3	597.5	730.6	684.1
	SUMMARY:						
11.	Total Insurance		1.8	2.6	9.8	5.5	5.1
12.	Total Pension & Benefits		50.3	64.5	55.4	54.7	53.2
13.	Total Outside Services		62.0	19.6	5.8	20.2	51.1
14.	Total Other A & G		299.9	551.9	236.3	361.9	274.2
15.	Total Rents		291.1	288.7	290.2	288.3	300.4
16.	TOTAL ADMIN & GENERAL EXPENSES		705.1	927.3	597.5	730.6	684.1
17.	A&G Expense per customer		0.03	0.04	0.03	0.03	0.03

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 SUMMARY OF ADMINISTRATIVE AND GENERAL (A&G) EXPENSES (\$000's)
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Line No.	Description	PUC Account No.	ESTIMATED	ESTIMATED	TEST YEAR	ESCALATION YEAR	LAST AUTHORIZED TEST YEAR	Reference
			2010	2011	2012	2013	2008	
ADMINISTRATIVE & GENERAL EXPENSES								
1.	Office Supplies & Other Expenses	792	19.8	20.4	21.1	21.8	13.2	See Exp WP EXP-138
2.	Property Insurance	793	5.2	5.3	5.5	5.7	149.6	See Exp WP EXP-139
3.	Worker's Comp, Injuries & Damages	794	0.0	0.0	0.0	0.0	47.2	See Exp WP EXP-140
4.	Employee Pension & Benefits	795	43.5	44.5	46.9	48.4	306.5	See Exp WP EXP-141
5.	Regulatory Expense	797	0.0	0.0	0.0	0.0	79.4	See Exp WP EXP-142
6.	Outside Services	798	33.0	34.1	35.2	36.2	16.3	See Exp WP EXP-143
7.	Miscellaneous General Expense	799	363.5	371.5	400.6	412.8	225.0	See Exp WP EXP-144
8.	General Plant	805	17.7	18.3	18.9	19.4	3.6	See Exp WP EXP-145
9.	Rents	811	294.5	303.8	313.5	323.2	275.4	See Exp WP EXP-146
10.	TOTAL ADMIN & GENERAL EXPENSES		777.2	797.9	841.6	867.5	1,116.2	
SUMMARY:								
11.	Total Insurance		5.2	5.3	5.5	5.7	196.8	Line 2 & 3
12.	Total Pension & Benefits		43.5	44.5	46.9	48.4	306.5	Line 4
13.	Total Outside Services		33.0	34.1	35.2	36.2	16.3	Line 6
14.	Total Other A & G		401.0	410.2	440.6	454.0	321.2	Lines 1, 5, 7 & 8
15.	Total Rents		294.5	303.8	313.5	323.2	275.4	Line 9
16.	TOTAL ADMIN & GENERAL EXPENSES		777.2	797.9	841.6	867.5	1,116.2	
17.	A&G Expense per customer		0.04	0.04	0.04	0.04	0.05	

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 EXPENSES PER CUSTOMER (recorded years) in \$
 RECORDED - AUTHORIZED - PROPOSED

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	SUMMARY					
2.	Labor	715.2	843.7	884.4	910.4	946.3
3.	Purchased Water	12,590.0	13,132.1	14,336.8	14,374.5	15,267.0
4.	Purchased Power	272.4	338.2	350.4	306.7	256.3
5.	Chemicals	0.2	0.2	0.0	0.0	0.0
6.	Source of Supply (SS)	38.0	34.8	34.6	32.2	20.2
7.	Pumping	15.4	2.2	8.2	5.1	4.4
8.	Water Treatment	0.0	6.5	0.0	46.6	70.1
9.	Transmission and Distribution (T&D)	49.9	103.2	162.4	130.4	51.1
10.	Maintenance (excl. tank painting)	89.9	79.7	72.7	39.6	96.9
11.	Tank Painting Amortization	40.9	23.2	18.6	80.5	137.4
12.	Customer Accounting	9.0	5.3	6.9	9.4	8.2
13.	Rent	291.1	288.7	290.2	288.3	300.4
14.	Transportation	77.0	112.8	140.8	151.5	132.9
15.	Regulatory Expense	0.0	0.0	0.0	0.0	0.0
16.	Uncollectibles	125.9	144.5	157.3	153.1	166.5
17.	Other Welfare	50.3	64.5	55.4	54.7	53.2
18.	Other Administrative and General	286.6	461.4	111.1	236.1	197.5
19.	GO historically included with district exps	462.3	654.2	551.3	677.7	940.6
20.	SUB-TOTAL	15,114.1	16,295.1	17,181.1	17,496.7	18,649.2
21.	Allocated "traditional" General Office	357.0	323.8	597.2	1,040.9	1,061.6
24.	Citizens Acquisition Premium	476.7	463.7	471.5	540.1	523.8
25.	TOTAL OPERATING EXPENSES	17,317.0	18,901.0	19,922.2	20,617.4	21,665.2

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 EXPENSES PER CUSTOMER (projected years) in \$
 RECORDED - AUTHORIZED - PROPOSED

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Line No.	Description	ESTIMATED YEARS			
		2010	2011	2012	2013
1.	SUMMARY				
2.	Labor	1,034.4	1,148.9	1,195.9	1,233.3
3.	Purchased Water	17,960.2	18,002.3	17,994.7	18,552.7
4.	Purchased Power	289.9	290.6	291.3	292.0
5.	Chemicals	0.1	0.1	0.1	0.1
6.	Source of Supply (SS)	33.2	34.3	35.3	36.4
7.	Pumping	7.4	7.6	7.8	8.1
8.	Water Treatment	25.6	26.4	27.3	28.1
9.	Transmission and Distribution (T&D)	103.4	106.6	273.0	281.2
10.	Maintenance (excl. tank painting)	78.8	81.3	83.9	86.5
11.	Tank Painting Amortization	220.8	284.2	299.9	291.7
12.	Customer Accounting	8.1	8.3	8.6	8.9
13.	Rent	294.5	303.8	313.5	323.2
14.	Transportation	183.8	186.2	182.9	188.5
15.	Regulatory Expense	0.0	0.0	0.0	0.0
16.	Uncollectibles	185.4	185.9	202.2	215.5
17.	Other Welfare	43.5	44.5	46.9	48.4
18.	Other Administrative and General	255.5	263.4	298.4	307.4
19.	GO historically inclded with district exps	1,022.0	1,189.4	1,423.5	1,346.1
20.	SUB-TOTAL	21,746.5	22,163.7	22,685.1	23,248.2
21.	Allocated "traditional" General Office	1,192.3	512.6	1,424.0	1,489.9
23.	Allocated Southern Div costs	16.2	16.7	17.3	17.8
24.	Citizens Acquisition Premium	488.2	472.9	457.8	442.5
25.	TOTAL OPERATING EXPENSES	24,906.6	24,393.8	26,174.5	26,844.5

CALIFORNIA AMERICAN WATER
 VENTURA COUNTY (VILLAGE DISTRICT) -- 2010 GENERAL RATE CASE
 PERCENT CHANGE FROM PRIOR YEAR in %
 RECORDED - AUTHORIZED - PROPOSED

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
1.	SUMMARY					
	Calculation	N/A	=(2006/2005)-1	=(2007/2006)-1	=(2008/2007)-1	=(2009/2008)-1
2.	Labor	N/A	18.0%	4.8%	2.9%	3.9%
3.	Purchased Water	N/A	4.3%	9.2%	0.3%	6.2%
4.	Fuel and Power	N/A	24.2%	3.6%	-12.5%	-16.5%
5.	Chemicals	N/A	1.7%	-100.0%	N/A	N/A
6.	Source of Supply (SS)	N/A	-8.4%	-0.6%	-6.8%	-37.5%
7.	Pumping	N/A	-85.4%	266.5%	-38.1%	-13.1%
8.	Water Treatment	N/A	N/A	-100.0%	N/A	50.7%
9.	Transmission and Distribution (T&D)	N/A	106.7%	57.4%	-19.7%	-60.8%
10.	Maintenance (excl. tank painting)	N/A	-11.4%	-8.7%	-45.6%	145.1%
11.	Tank Painting Amortization	N/A	-43.2%	-19.6%	331.5%	70.8%
12.	Customer Accounting	N/A	-41.9%	31.2%	35.7%	-12.0%
13.	Rent	N/A	-0.8%	0.5%	-0.6%	4.2%
14.	Transportation	N/A	46.4%	24.9%	7.6%	-12.3%
15.	Regulatory Expense	N/A	N/A	N/A	N/A	N/A
16.	Uncollectibles	N/A	14.8%	8.8%	-2.6%	8.8%
17.	Pensions and Benefits	N/A	28.3%	-14.2%	-1.2%	-2.7%
18.	Other Administrative and General	N/A	61.0%	-75.9%	112.4%	-16.3%
19.	General Office	N/A	41.5%	-15.7%	22.9%	38.8%
20.	Allocated General Office	N/A	N/A	N/A	N/A	N/A
21.	ACQUISITION PREMIUM	N/A	-9.3%	84.4%	74.3%	2.0%
22.	Allocated Central Div costs	N/A	32.7%	-8.1%	-7.6%	-6.3%
23.	TOTAL OPERATING EXPENSES	N/A	N/A	N/A	N/A	N/A

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Line No	Description	ESTIMATED				LAST AUTHORIZED TEST YEAR
		2010	2011	2012	2013	2008
1.	SUMMARY					
	Calculation	=(2010/2009)-1	=(2011/2010)-1	=(2012/2011)-1	=(2013/2012)-1	=(Test Yr/Last Auth)-1
2.	Labor	9.3%	11.1%	4.1%	3.1%	31.4%
3.	Purchased Water	17.6%	0.2%	0.0%	3.1%	41.8%
4.	Fuel and Power	13.1%	0.3%	0.3%	0.2%	7.3%
5.	Chemicals	N/A	3.2%	3.2%	3.1%	-59.6%
6.	Source of Supply (SS)	64.8%	3.2%	3.2%	3.1%	27.6%
7.	Pumping	66.1%	3.2%	3.2%	3.1%	256.1%
8.	Water Treatment	-63.5%	3.2%	3.2%	3.1%	268.5%
9.	Transmission and Distribution (T&D)	102.4%	3.2%	156.0%	3.0%	308.7%
10.	Maintenance (excl. tank painting)	-18.7%	3.2%	3.2%	3.1%	-39.1%
11.	Tank Painting Amortization	60.7%	28.7%	5.5%	-2.7%	318.8%
12.	Customer Accounting	-2.0%	3.2%	3.2%	3.1%	-85.5%
13.	Rent	-2.0%	3.2%	3.2%	3.1%	13.8%
14.	Transportation	38.3%	1.3%	-1.8%	3.1%	N/A
15.	Regulatory Expense	N/A	N/A	N/A	N/A	-100.0%
16.	Uncollectibles	11.3%	0.3%	8.8%	6.6%	278.6%
17.	Pensions and Benefits	-18.3%	2.5%	5.4%	3.1%	-84.7%
18.	Other Administrative and General	29.3%	3.1%	13.3%	3.0%	-34.4%
19.	General Office	8.7%	16.4%	19.7%	-5.4%	119.8%
20.	Allocated General Office	N/A	N/A	N/A	N/A	N/A
21.	ACQUISITION PREMIUM	12.3%	-57.0%	177.8%	4.6%	224.1%
22.	Allocated Central Div costs	2.6%	-16.1%	29.5%	3.5%	34.0%
23.	TOTAL OPERATING EXPENSES	N/A	N/A	N/A	N/A	N/A

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Line No.	Description	RECORDED YEARS				
		2005	2006	2007	2008	2009
	Calculation	N/A	=(2006/2005)-1	=(2007/2006)-1	=(2008/2007)-1	=(2009/2008)-1
1.	<u>Payroll Expense</u>					
2.	Salaries	N/A	17.64%	4.92%	2.95%	3.90%
3.	Overtime	N/A	-6.37%	3.00%	3.00%	18.62%
4.	Total Salaries	N/A	16.01%	4.81%	2.95%	4.69%
5.	Capitalized Payroll	N/A	3.03%	4.81%	2.95%	10.38%
6.	Total Net Payroll	N/A	17.97%	4.81%	2.95%	3.94%
7.	Payroll per thousand customers (in \$000's)	N/A	15.31%	4.33%	3.33%	5.32%
	<u>Number of Employees</u>					
8.	Number of employees per thousand customers	N/A	-0.60%	-0.46%	0.37%	0.60%
9.	Number of employees	N/A	0.00%	0.00%	0.00%	0.00%

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Line No.	Description	ESTIMATED				LAST AUTHORIZED TEST YEAR
		2010	2011	2012	2013	2008
	Calculation	=(2010/2009)-1	=(2011/2010)-1	=(2012/2011)-1	=(2013/2012)-1	=(Test Yr/Last Auth)-1
1.	<u>Payroll Expense</u>					
2.	Salaries	5.98%	11.87%	4.49%	3.12%	29.45%
3.	Overtime	40.78%	3.00%	2.60%	3.20%	87.31%
4.	Total Salaries	8.11%	11.16%	4.35%	3.13%	32.42%
5.	Capitalized Payroll	-0.46%	11.89%	6.38%	3.13%	41.09%
6.	Total Net Payroll	9.31%	11.07%	4.09%	3.13%	31.36%
7.	Payroll per thousand customers (in \$000's)	8.01%	11.02%	4.22%	3.00%	36.94%
	<u>Number of Employees</u>					
8.	Number of employees per thousand customers	6.15%	-0.12%	-0.12%	-0.12%	9.87%
9.	Number of employees	6.25%	0.00%	0.00%	0.00%	6.25%

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains tables with historical information for the years 2005 through 2009 regarding taxes based on factors other than taxable income. These tables also contain estimates of such taxes for the years 2010 through 2013. The tables are presented as follows:

Table 5.1 – Total Taxes Other Than Income Taxes

This table summarizes calculations of taxes based on factors other than taxable income for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013. Ad valorem taxes are further detailed on Table 5.2. Payroll taxes were based on payroll information detailed in Chapter 4 of Exhibit A.

Payroll taxes include state unemployment insurance, federal unemployment insurance, federal social security taxes and federal Medicare taxes. Payroll tax rates were applied to the estimated wage tax base to derive payroll tax estimates charged to operating expenses for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013. The various tax rates used for these calculations are discussed below.

FICA/Medicare Taxes/FUTA/SUI

Estimates for payroll taxes were based on current information from federal and state payroll tax publications. Payroll tax estimates take into consideration various wage limits included in current tax provisions. The following are the tax rates and wage limits used in the calculations:

- 1) FICA – 6.20% for the first \$110,800, \$115,000, \$119,600 of total wages for 2010, 2011 and 2012, respectively.
- 2) Medicare – 1.45% of total wages for 2010 through 2012
- 3) FUTA – 0.8% for the first \$7,000 of total wages for 2010 through 2012
- 4) SUI – 1.20% for the first \$7,000 of total wages for 2010 through 2012

Table 5.2 – Ad Valorem Taxes

Table 5.2 contains historical information for the years 2005 through 2009 regarding ad valorem taxes as well as estimates of ad valorem taxes for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013.

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The calculation of estimated ad valorem taxes was based on a similar procedure used for water utilities by the county taxing authority. Information regarding the various components of the ad valorem tax calculation was obtained from other chapters and sections of the GRC application and recorded ad valorem taxes as referenced in this Table.

Ad valorem taxes recorded on the books of California American Water for the years 2005 through 2009 were compared to the year-end net rate base amount and the resulting average ratio was applied to the forecasted net rate base to estimate ad valorem taxes for Estimated Years 2010 and 2011, Test Year 2012 and forecasted Year 2013.

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TAXES OTHER THAN INCOME (000'S)**

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TAXES OTHER THAN INCOME	ESTIMATED		TEST YEAR		Reference
	2010	2011	2012	2013	
Ad Valorem Taxes	329.2	333.9	369.9	450.2	Table 5.2
Franchise Taxes	0.0	0.0	0.0	0.0	[1]
Payroll Taxes					
Gross Payroll Taxes					
F.I.C.A.	64.7	72.5	74.4	76.7	See Expense Wkpapers EXP-200
Medicare	15.1	17.0	17.4	17.9	
F.U.T.A.	1.0	1.0	1.0	1.0	
S.U.I.	1.4	1.4	1.4	1.4	
Capitalized Payroll Taxes					
F.I.C.A.	7.5	8.4	8.7	8.9	See Expense Wkpapers EXP-200
Medicare	1.8	2.0	2.0	2.1	
F.U.T.A.	0.1	0.1	0.1	0.1	
S.U.I.	0.2	0.2	0.2	0.2	
Net Payroll Taxes					
F.I.C.A.	57.2	64.1	65.7	67.8	See Expense Wkpapers EXP-200
Medicare	13.4	15.0	15.4	15.8	
F.U.T.A.	0.8	0.8	0.8	0.8	
S.U.I.	1.3	1.3	1.3	1.3	
Net Payroll Taxes	72.7	81.2	83.2	85.7	
TOTAL OTHER TAXES	401.8	415.1	453.1	535.9	

[1] Franchise taxes are charged directly to customers via tariff surcharge

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

This chapter contains tables regarding the calculation of taxes based on income. The tables are presented as follows:

Table 6.1 – Calculation of Income Taxes at Present Rates

This table contains a calculation of state and federal income taxes for Test Years 2011 and 2012, Escalation Year 2013 and Attrition Year 2014 at the current or anticipated present rates in effect at the time.

Table 6.2 – Calculation of Income Taxes at Proposed Rates

This table contains a calculation of state and federal income taxes for Test Years 2011 and 2012, Escalation Year 2013 and Attrition Year 2014 if the tariff rates proposed by California American Water in this application are approved.

Information About Calculations

The methods used to compute taxable income are as follows:

- 1) Operating Revenues as shown on Exhibit A - Chapter 2 – Tables 2.2 and 2.3.
- 2) Total Operating Expenses and Uncollectibles as shown on Exhibit A - Chapter 2- Tables 2.2 and 2.3.
- 3) Book Depreciation as shown on Exhibit A - Chapter 2 – Tables 2.2 and 2.3. California American Water has adopted FAS 109 and defers the difference between depreciation recorded on its books and depreciation used to calculate its taxable income.
- 4) Domestic Production Activity Deduction was calculated based on Internal Revenue Code Section 199 guidelines. Section 199 provides for a tax deduction based on qualified production activity income or wages whichever is less.
- 5) Rate Making Interest Expense was calculated using the Interest Synchronization Method that requires the application of the weighted cost of debt used in the calculation of the Rate of Return shown on Exhibit C to the net rate base shown on Exhibit A, Chapter 9- Table 9.2.
- 6) Taxes Other Than Income Taxes as shown on Exhibit A, Chapter 2, Tables 2.2 and 2.3.

- 7) Deferred Taxes can constitute one or more of the following:
 - a. Investment Tax Credits that include the amortization of amounts deferred in previous years in accordance with previous provisions of the Federal Tax Code.
 - b. An adjustment to taxable net income resulting from the write-off of deferred income taxes amounts that resulted from a decrease in prior tax rates from 46% to 35%, known as the reverse South Georgia method. Additional deferred income taxes resulting from the reverse South Georgia method decrease have been grossed-up in accordance with FAS 109.

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CALCULATION OF TAXES ON INCOME (000's)
AT PRESENT RATES

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TABLE 6.1

	Estimated Year 2011	Test Year 2012 @ 2011 Rates	Escalation Year 2013 @ 2012 Rates	Attrition Year 2014	Reference
Operating Revenues	\$28,311.6	\$30,807.9	\$32,819.2	\$34,873.0	Chap 2 Table 2 3
Operating Revenue Deductions:					
Operating Exps less Uncollectibles	\$24,207.8	\$25,972.3	\$26,629.0	\$26,858.3	Chap 2 Table 2.3
Uncollectibles	\$185.9	\$202.2	\$215.8	\$229.3	Chap 2 Table 2.3
Domestic Production Activity Deduct	\$0.0	\$0.0	\$0.0	\$0.0	See EXP-700 Wkpaper
Book Depreciation	\$2,066.5	\$1,912.1	\$2,060.2	\$2,208.3	Chap 2 Table 2.3
Interest Expense	\$1,242.6	\$1,407.0	\$1,790.6	\$2,174.2	Chap 9 Table 9.2
Taxes - Other than Income	\$415.1	\$453.1	\$535.9	\$635.3	Chap 2 Table 2 3
Total Operating Revenue Deductions.					
Federal	\$28,118.0	\$29,946.7	\$31,231.6	\$32,105.4	Calculated
State	\$28,118.0	\$29,946.7	\$31,231.6	\$32,105.4	Calculated
Taxable Net-State	\$193.6	\$861.2	\$1,587.6	\$2,767.6	Calculated
State Income Tax @ 8.84%	\$17.1	\$76.1	\$140.3	\$244.7	Calculated
Less:					
Deferred Taxes	(\$1.1)	(\$1.1)	(\$1.1)	(\$1.1)	Chap 9, Table 9.8
STATE INCOME TAXES	\$16.0	\$75.0	\$139.2	\$243.6	Calculated
Taxable Net-Federal	\$214.9	\$638.9	\$1,349.4	\$2,461.4	
Federal Income Tax @ 35.00%	\$75.2	\$223.6	\$472.3	\$861.5	Calculated
Less:					
Deferred Taxes	(\$4.1)	(\$4.1)	(\$4.1)	(\$4.1)	Chap 9, Table 9.9
FEDERAL INCOME TAX	\$71.1	\$219.5	\$468.2	\$857.4	Calculated
TOTAL TAXES ON INCOME	\$87.1	\$294.5	\$607.4	\$1,101.0	Calculated

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 CALCULATION OF TAXES ON INCOME (000's)
 AT PROPOSED RATES

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 TABLE 6.2

	Test Year	Test Year	Escalation Year	Attrition Year	Reference
	2011	2012	2013	2014	
Operating Revenues	\$30,660.4	\$32,667.9	\$34,721.7	\$36,329.2	Chap 2 Table 2.2
Operating Revenue Deductions:					
Operating Exps less Uncollectibles	\$24,207.8	\$25,972.3	\$26,629.0	\$26,858.3	Chap 2 Table 2.2
Uncollectibles	\$201.6	\$214.8	\$228.3	\$238.9	Chap 2 Table 2.2
Domestic Production Activity Deduct	\$0.0	\$0.0	\$0.0	\$0.0	See EXP-700 Wkpr
Book Depreciation	\$2,066.5	\$1,912.1	\$2,060.2	\$2,208.3	Chap 2 Table 2.2
Interest Expense	\$1,242.6	\$1,407.0	\$1,790.6	\$2,174.2	Chap 9 Table 9.2
Taxes - Other than Income	\$415.1	\$453.1	\$535.9	\$635.3	Chap 2 Table 2.2
Total Operating Revenue Deductions:					
Federal	\$28,133.7	\$29,959.3	\$31,244.1	\$32,115.0	Calculated
State	\$28,133.7	\$29,959.3	\$31,244.1	\$32,115.0	Calculated
Taxable Net-State	\$2,526.7	\$2,708.6	\$3,477.6	\$4,214.3	Calculated
State Income Tax @ 8.84%	\$223.4	\$239.4	\$307.4	\$372.5	Calculated
Less.					
Deferred Taxes	(\$1.1)	(\$1.1)	(\$1.1)	(\$1.1)	Chap 6 Table 6.1
STATE INCOME TAXES	\$222.3	\$238.3	\$306.3	\$371.4	Calculated
Taxable Net-Federal	\$2,548.0	\$2,486.3	\$3,239.4	\$3,908.0	Calculated
Federal Income Tax @ 35.00%	\$891.8	\$870.2	\$1,133.8	\$1,367.8	Calculated
Less.					
Deferred Taxes	(\$4.1)	(\$4.1)	(\$4.1)	(\$4.1)	Chap 6 Table 6.1
FEDERAL INCOME TAX	\$887.7	\$866.1	\$1,129.7	\$1,363.7	Calculated
TOTAL TAXES ON INCOME	\$1,110.0	\$1,104.4	\$1,436.0	\$1,735.1	

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This Chapter contains detailed information regarding utility plant in service in the Ventura (Village) District of California American Water for each of the years 2005 through 2013.

The Strategic Capital Expenditure Plan work paper (Capital Budget) details the additions from 2010 through 2013 projected to be in service. California American Water only added new projects where it was necessary to provide quality service and kept the number and expense of those projects to a minimum. All other years reflect actual utility plant in service from 2005 through 2009.

The retirements for all projects are calculated on the retirements work paper using a retirement factor either 1) based upon a five-year historical retirements to five-year historical addition ratio as shown on Table 7.5 of this Chapter or 2) as provided by our depreciation consultant for years 2010-2013. The manner in which the retirements were calculated is in accordance with prior precedence. All other years reflect actual retirements from 2005 through 2009.

This chapter includes tables of information presented as follows:

Table 7.1 – This table contains a calculation of Weighted Average Utility Plant in Service as recorded for the years 2005 through 2009 as well as proposed for the year 2010.

Table 7.2 – This table contains a calculation of Weighted Average Utility Plant in Service as authorized for 2008 in the prior Ventura (Village) District GRC and as proposed for the years 2011 through 2013.

Table 7.3 – This table contains a list, by account of Utility Plant in Service balances as of the beginning of each of the years 2005 through 2013.

Table 7.4 – This table contains a detailed listing of additions to Utility Plant in Service, by Account for each of the years 2005 through 2013.

Table 7.5 – This table contains a detailed listing of retirement from Utility Plant in Service, by account for each of the years 2005 through 2013.

Table 7.6 – This table contains a detailed list of Miscellaneous Adjustments and Reclassifications to Utility Plant in Service for each of the years 2005 through 2013.

Table 7.7 – This table contains a list, by account of Utility Plant in Service balances as of the end of each of the years 2005 through 2013.

Table 7.8 – This table contains a calculation of the percentages of increase in Weighted Average Utility Plant in Service for the years 2005 through 2012 as authorized and as proposed in this Application and as shown on a plant and plant per customer basis.

This chapter includes additions for the projects presented as follows:

FP #	FP Description	2010	2011	2012	2013
RP-0551-A	Mains – New	0	0	6,000	7,000
RP-0551-B	Mains - Replaced/Restored	242,386	132,000	70,000	73,000
RP-0551-C	Mains – Unscheduled	1,426,000	101,075	86,000	88,000
RP-0551-D	Mains – Relocated	125,000	132,594	80,000	83,000
RP-0551-E	Hydrants, Valves, and Manholes - New	21,000	22,000	23,000	24,000
RP-0551-F	Hydrants, Valves, and Manholes – Replaced	50,000	52,500	104,000	107,000
RP-0551-G	Services and Laterals – New	20,010	20,511	25,000	25,000
RP-0551-H	Services and Laterals - Replaced	985,111	935,000	850,000	884,000
RP-0551-I	Meters - New	20,000	20,000	36,000	37,000
RP-0551-J	Meters - Replaced	130,000	140,000	427,000	446,000
RP-0551-K	ITS Equipment and Systems	13,125	14,000	0	0
RP-0551-L	SCADA Equipment and Systems	10,000	10,000	76,000	78,000
RP-0551-M	Security Equipment and Systems	10,000	11,000	30,000	32,000
RP-0551-N	Offices and Operations Centers	34,426	32,000	45,000	46,000
RP-0551-O	Vehicles			28,000	29,000
RP-0551-P	Tools and Equipment	21,000	22,000	23,000	26,000
RP-0551-Q	Process Plant Facilities and Equipment	131,086	110,000	100,000	104,000
RP-0551-R	Capitalized Tank Rehabilitation/Painting	111,326	17,000	9,000	9,000
RP-0551-S	Comprehensive Planning Studies	164,774	100,000	0	0
05510505	VEN - Rehab. Las Posas #1 Reservoir	697,379	0	0	0
IP-0551-93	VEN - Rehab. Wildwood Tank	136,000	0	0	0
0551703	VEN- Rehab. Los Robles II Reservoir	167,000	0	0	0
05510706	VEN- Rehab. Orbis Reservoir	0	141,000	0	0
05510709	VEN - Rehab. White Stallion Reservoir	0	281,000	0	0
IP-0551-88	VEN - Install 680' of 12" Main Between Hillcrest and Lawrence Dr.	0	0	294,000	0
IP-0551-18	VEN - Rehab. Moorpark Reservoir	0	0	2,244,000	0
05510501	VEN - Las Posas Main Replacement	6,052	0	0	0
IP-0551-79	VEN - Improvs to CMWD Intercnxns	0	0	0	597,000
IP-0551-96	VEN - Install 1200' of 8-in at Rolling Oaks Dr. & Los Padres Dr.	0	0	0	502,000
IP-0551-98	VEN - Construct Potrero Tk (1.0 MG) & Upsize Dewey BPS	0	0	0	3,997,000

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FP #	FP Description	2010	2011	2012	2013
IP-0551-99	VEN - Reservoir Seismic Evaluation,	0	0	400,000	0
IP-0551-101	VEN - Replace Los Robles Tank #1 - 400K Gallon,	0	0	0	1,100,000
IP-0551-102	VEN Install 2000-ft of 12" main In Borchard Road	0	0	0	800,000
DV-0551	PROJECTS FUNDED BY OTHERS	2,560,965	250,000	30,000	70,000

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Calculation of Weighted Average Utility Plant In Service - Recorded
IN THOUSANDS 000s

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Line No.	Description	Recorded Years					Est. Year	Reference
		2005	2006	2007	2008	2009	2010	
1.	Plant in Service Beg. of Year	55,966.5	58,194.4	59,173.9	63,993.0	66,772.7	74,409.5	Chapter 7 Table 3 Line 49
2.	Gross Additions During Year	2,255.4	998.0	4,970.0	3,171.6	7,937.0	7,082.6	Chapter 7 Table 4 Line 49
3.	Retirements	25.7	18.5	151.0	391.8	280.2	230.9	Chapter 7 Table 5 Line 49
4.	Sales and Adjustments	-1.8	0.0	0.0	0.0	0.0	0.0	Chapter 7 Table 6 Line 49
5.	Net Additions	2,227.9	979.5	4,819.0	2,779.7	7,656.7	6,851.7	Line 2 less Line 3 plus Line 4
6.	Construction Work in Progress Beg. Bal.	829.2	652.5	1,169.2	2,445.2	4,942.2	2,019.5	Prior year Line 7
7.	Construction Work in Progress End Bal.	652.5	1,169.2	2,445.2	4,942.2	2,019.5	200.0	
8.	Net Change During Year - CWIP	-176.7	516.7	1,276.0	2,497.0	-2,922.7	-1,819.5	Line 7 minus Line 6
9.	Total Beg. Utility Plant and CWIP	56,795.7	58,846.9	60,343.1	66,438.2	71,714.9	76,429.0	Line 1 plus Line 6
10.	Net Additions - Total	2,051.2	1,496.2	6,095.0	5,276.7	4,734.0	5,032.2	Line 5 plus Line 8
11.	6 Year Average Weighting Factor	52.78%	52.78%	52.78%	52.78%	52.78%	52.78%	Rate Base Workpaper RB-104
12.	Weighted Average Utility Plant	57,878.3	59,636.6	63,560.1	69,223.3	74,213.5	79,085.0	Line 9 plus (Line 10 x Line 11)

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE rate base table of contents

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Utility Plant In Service - Authorized - Proposed
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2008	2011	2012	2013	
1.	Plant in Service Beg. of Year	66,209.2	81,261.2	83,705.3	88,512.2	Chapter 7 Table 3 Line 49
2.	Gross Additions During Year	2,758.3	2,543.7	4,986.0	9,164.0	Chapter 7 Table 4 Line 49
3.	Retirements	49.2	99.6	179.1	240.5	Chapter 7 Table 5 Line 49
4.	Sales and Adjustments	0.0	0.0	0.0	0.0	Chapter 7 Table 6 Line 49
5.	Net Additions	2,709.1	2,444.0	4,806.9	8,923.5	Line 2 less Line 3 plus Line 4
6.	Construction Work in Progress Beg. Bal.	190.0	200.0	289.0	4,382.0	Prior year Line 7
7.	Construction Work in Progress End Bal.	1,728.5	289.0	4,382.0	10,318.0	Rate Base Workpaper RB-100
8.	Net Change During Year - CWIP	1,538.5	89.0	4,093.0	5,936.0	Line 7 minus Line 6
9.	Total Beg. Utility Plant and CWIP	66,399.2	81,461.2	83,994.3	92,894.2	Line 1 plus Line 6
10.	Net Additions - Total	4,247.6	2,533.0	8,899.9	14,859.5	Line 5 plus Line 8
11.	6 Year Average Weighting Factor	41.76%	52.78%	52.78%	52.78%	
12.	Weighted Average Utility Plant	68,173.0	82,798.1	88,691.7	100,737.0	Line 9 plus (Line 10 x Line 11)

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE rate base table of contents

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Total Utility Plant In Service At the Beginning of The Year
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.3

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Utility Plant In Service - Beginning of Year											
1.	301	Organization	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
2.	302	Franchise & Consents	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
3.	303	Other Intangible Plant	30.1	30.1	30.1	208.1	280.6	287.8	452.6	552.6	552.6
4.	306	Land & Land Rights	413.2	413.2	413.2	413.2	413.2	409.7	409.7	409.7	409.7
5.		TOTAL LAND & INTANGIBLES	546.3	546.3	546.3	724.3	796.8	800.4	965.2	1,065.2	1,065.2
6.	311	Structures and Improvements	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	1,018.0	1,018.0	1,018.0	1,018.0	1,018.0	1,009.0	1,009.0	1,009.0	1,009.0
9.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	316	Supply Mains	64.5	64.5	64.5	64.5	246.4	2,332.8	2,332.8	2,332.8	2,332.8
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	1,082.5	1,082.5	1,082.5	1,082.5	1,267.2	3,341.9	3,341.9	3,341.9	3,341.9
13.	321	Structures & Improvements	169.8	171.8	171.9	171.9	171.9	183.9	183.9	183.9	183.9
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	3,408.4	3,431.4	3,500.9	4,312.1	4,309.0	4,318.0	4,448.4	4,557.8	4,657.3
16.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	3,578.2	3,603.2	3,672.9	4,484.0	4,480.9	4,501.9	4,632.3	4,741.7	4,841.2
18.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	8.3	8.3	8.3	8.3	41.8	112.3	117.3	122.8	137.8
20.		TOTAL WATER TREATMENT	8.3	8.3	8.3	8.3	41.8	112.3	117.3	122.8	137.8
21.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	19.9	19.9	19.9	19.9
22.	342	Reservoirs & Tanks	16,812.1	17,314.2	17,377.6	19,030.8	19,458.1	19,580.5	20,693.7	21,136.8	23,796.5
23.	343.1	Mains - 4" & Less	385.4	385.4	385.4	385.4	219.3	219.3	219.3	219.3	219.3
24.	343.2	Mains - 6" to 10"	10,286.4	10,367.3	10,604.8	11,070.6	11,506.0	12,392.7	16,600.5	17,194.6	17,457.1
25.	343.3	Mains - 12" & More	9,433.8	9,811.2	9,818.3	9,827.7	9,986.2	12,249.3	12,249.3	12,249.3	12,542.7
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	8,375.3	9,407.8	9,963.2	10,939.9	11,947.7	13,445.7	14,427.6	15,360.9	16,215.6
28.	346	Meters	1,190.5	1,248.0	1,298.0	1,494.6	1,696.5	1,810.9	1,921.4	2,039.2	2,380.2
29.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	9.4	9.4	9.4	9.4
30.	348	Hydrants	2,409.2	2,454.2	2,457.8	2,649.3	2,693.6	3,108.0	3,173.2	3,241.7	3,358.5
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	48,892.6	50,988.1	51,905.1	55,398.3	57,507.2	62,815.8	69,294.4	71,451.3	75,979.3

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Total Utility Plant In Service At the Beginning of The Year
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.3

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	12.6	12.6	12.6	73.0	146.8	153.0	187.0	218.6	263.1
34.	371.2	Stores, Shops, & Garage Str.	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
35.	372.1	Office Furniture (391.1)	119.1	119.1	119.1	109.6	108.4	108.0	108.0	108.0	108.0
36.	372.21	Computer & Peripherals (391.2, .21, .23)	199.2	228.9	230.7	117.3	118.7	142.3	154.6	167.7	167.7
37.	372.22	Other Office Equip (391.22, .3)	23.4	23.4	23.4	20.2	20.2	20.2	20.2	20.2	20.2
38.	372.23	Computer Software (391.26)	17.7	112.9	112.9	112.9	113.5	142.4	142.4	142.4	142.4
39.	373.11	Light Utility Trucks (392.11)	181.8	162.1	143.6	127.0	77.8	77.8	77.8	77.8	77.8
40.	373.12	Heavy Utility Trucks (392.12, .3)	174.1	174.1	174.1	174.1	141.3	141.3	141.3	141.3	167.5
41.	373.2	Automobiles (392.2)	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	374	Stores Equipment	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	235.0	237.2	237.2	619.9	1,065.0	1,154.9	1,164.9	1,174.8	1,250.2
46.	377	Power Operated Equipment	578.7	578.7	578.7	578.7	523.9	523.9	523.9	523.9	523.9
47.	378	Tools, Ship, & Garage Equip.	173.9	173.9	183.5	221.0	221.8	229.6	246.4	264.0	282.4
48.	379&390	Other General & Tangible Plant	43.8	43.8	43.8	42.5	42.0	44.4	44.4	44.4	44.4
49.		TOTAL GENERAL PLANT	55,966.5	58,194.4	59,173.9	63,993.0	66,772.7	74,409.5	81,261.2	83,705.3	88,512.2

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Details of Utility Plant Additions By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Plant Additions During the Year											
1.	301	Organization	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	302	Franchise & Consents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	303	Other Intangible Plant	0.0	0.0	178.0	72.4	7.2	164.8	100.0	0.0	0.0
4.	306	Land & Land Rights	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.		TOTAL LAND & INTANGIBLES	0.0	0.0	178.0	72.4	7.2	164.8	100.0	0.0	0.0
6.	311	Structures and Improvements	0.0	0.0	0.0	2.8	-2.8	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	316	Supply Mains	0.0	0.0	0.0	181.9	2,086.5	0.0	0.0	0.0	597.0
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	0.0	0.0	0.0	184.7	2,083.7	0.0	0.0	0.0	597.0
13.	321	Structures & Improvements	2.0	0.1	0.0	0.0	12.0	0.0	0.0	0.0	0.0
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	23.0	69.5	811.1	1.6	5.4	131.1	110.0	100.0	104.0
16.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	25.1	69.6	811.1	1.6	17.4	131.1	110.0	100.0	104.0
18.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	0.0	0.0	0.0	33.5	70.6	5.0	5.5	15.0	16.0
20.		TOTAL WATER TREATMENT	0.0	0.0	0.0	33.5	70.6	5.0	5.5	15.0	16.0
21.	341	Structures & Improvements	0.0	0.0	0.0	0.0	19.9	0.0	0.0	0.0	0.0
22.	342	Reservoirs & Tanks	502.1	63.4	1,653.2	427.2	131.1	1,116.7	444.5	2,668.0	5,122.0
23.	343.1	Mains - 4" & Less	0.0	0.0	0.0	-159.1	0.0	0.0	0.0	0.0	0.0
24.	343.2	Mains - 6" to 10"	80.9	237.4	465.8	507.4	891.1	4,360.4	615.7	272.0	1,623.0
25.	343.3	Mains - 12" & More	381.0	7.1	9.4	160.5	2,263.2	0.0	0.0	294.0	0.0
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	1,035.0	555.4	976.8	1,091.6	1,531.9	1,005.1	955.5	875.0	909.0
28.	346	Meters	57.4	50.1	196.6	270.9	267.5	150.0	160.0	463.0	483.0
29.	347	Meters Installation	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.0	0.0
30.	348	Hydrants	45.1	3.6	191.5	52.5	467.6	71.0	74.5	127.0	131.0
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	2,101.5	917.0	3,493.2	2,351.1	5,581.8	6,703.2	2,250.2	4,699.0	8,268.0

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Details of Utility Plant Additions By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	0.0	0.0	60.5	73.8	6.2	34.4	32.0	45.0	46.0
34.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.	372.1	Office Furniture (391.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.	372.21	Computer & Peripherals (391.2, .21, .23)	31.4	1.8	5.5	8.2	28.6	13.1	14.0	0.0	0.0
37.	372.22	Other Office Equip (391.22, .3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	372.23	Computer Software (391.25, .26)	95.2	0.0	0.0	0.6	28.9	0.0	0.0	0.0	0.0
39.	373.11	Light Utility Trucks (392.11)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	373.12	Heavy Utility Trucks (392.12, .3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	29.0
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	2.2	0.0	382.6	445.2	89.9	10.0	10.0	76.0	78.0
46.	377	Power Operated Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.	378	Tools, Ship, & Garage Equip.	0.0	9.6	38.6	0.9	20.4	21.0	22.0	23.0	26.0
48.	379&390	Other General & Tangible Plant	0.0	0.0	0.5	-0.5	2.3	0.0	0.0	0.0	0.0
49.		TOTAL GENERAL PLANT	2,255.4	998.0	4,970.0	3,171.6	7,937.0	7,082.6	2,543.7	4,986.0	9,164.0

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE Workpapers

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Details of Utility Plant Retirements By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	7
TABLE:	7.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Plant Retirements During the Year											
1.	301	Organization	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	302	Franchise & Consents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	303	Other Intangible Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	306	Land & Land Rights	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.		TOTAL LAND & INTANGIBLES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	311	Structures and Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
9.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
13.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	0.0	0.0	0.0	4.6	0.0	0.7	0.6	0.5	0.5
16.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	0.0	0.0	0.0	4.6	0.0	0.7	0.6	0.5	0.5
18.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.		TOTAL WATER TREATMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	8.7	3.5	1.4	8.3	15.9
23.	343.1	Mains - 4" & Less	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
24.	343.2	Mains - 6" to 10"	0.0	0.0	0.0	71.9	4.5	152.6	21.5	9.5	56.8
25.	343.3	Mains - 12" & More	3.5	0.0	0.0	2.0	0.0	0.0	0.0	0.6	0.0
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	2.5	0.0	0.0	83.9	33.8	23.3	22.2	20.3	21.1
28.	346	Meters	0.0	0.0	0.0	69.1	153.0	39.5	42.2	122.0	127.3
29.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	348	Hydrants	0.0	0.0	0.0	8.2	53.2	5.7	6.0	10.3	10.6
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	6.0	0.0	0.0	242.1	253.3	224.7	93.3	171.0	231.7

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Details of Utility Plant Retirements By Account
 IN THOUSANDS 000s

FILED:	UPDATE
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CHAPTER:	7
TABLE:	7.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.5	0.6
34.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.	372.1	Office Furniture (391.1)	0.0	0.0	9.4	1.3	0.3	0.0	0.0	0.0	0.0
36.	372.21	Computer & Peripherals (391.2,.21,.23)	0.0	0.0	118.8	6.8	5.0	0.9	0.9	0.0	0.0
37.	372.22	Other Office Equip (391.22, .3)	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
38.	372.23	Computer Software (391.25,.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	373.11	Light Utility Trucks (392.11)	19.7	18.5	16.6	49.2	0.0	0.0	0.0	0.0	0.0
40.	373.12	Heavy Utility Trucks (392.12,.3)	0.0	0.0	0.0	32.8	0.0	0.0	0.0	1.8	1.9
41.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.6	0.6
46.	377	Power Operated Equipment	0.0	0.0	0.0	54.8	0.0	0.0	0.0	0.0	0.0
47.	378	Tools, Ship, & Garage Equip.	0.0	0.0	1.1	0.2	12.6	4.2	4.4	4.6	5.2
48.	379&390	Other General & Tangible Plant	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0
49.		TOTAL GENERAL PLANT	25.7	18.5	151.0	391.8	280.2	230.9	99.6	179.1	240.5

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE Workpapers

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Total Utility Plant In Service At the End of The Year
 IN THOUSANDS 000s
 SUM OF PREVIOUS PAGES

FILED:	UPDATE
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CHAPTER:	7
TABLE:	7.7

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
Utility Plant in Service - End of Year											
1.	301	Organization	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
2.	302	Franchise & Consents	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
3.	303	Other Intangible Plant	30.1	30.1	208.1	280.6	287.8	452.6	552.6	552.6	552.6
4.	306	Land & Land Rights	413.2	413.2	413.2	413.2	409.7	409.7	409.7	409.7	409.7
5.		TOTAL LAND & INTANGIBLES	546.3	546.3	724.3	796.8	800.4	965.2	1,065.2	1,065.2	1,065.2
6.	311	Structures and Improvements	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
7.	312	Collecting & Impound. Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	313	Lake, River and Other Intake	1,018.0	1,018.0	1,018.0	1,018.0	1,009.0	1,009.0	1,009.0	1,009.0	1,009.0
9.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	316	Supply Mains	64.5	64.5	64.5	246.4	2,332.8	2,332.8	2,332.8	2,332.8	2,929.8
11.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL SOURCE OF SUPPLY	1,082.5	1,082.5	1,082.5	1,267.2	3,341.9	3,341.9	3,341.9	3,341.9	3,938.9
13.	321	Structures & Improvements	171.8	171.9	171.9	171.9	183.9	183.9	183.9	183.9	183.9
14.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	324	Electric Pumping Equipment	3,431.4	3,500.9	4,312.1	4,309.0	4,318.0	4,448.4	4,557.8	4,657.3	4,760.8
16.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.		TOTAL PUMPING PLANT	3,603.2	3,672.9	4,484.0	4,480.9	4,501.9	4,632.3	4,741.7	4,841.2	4,944.7
18.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	332	Water Treatment Equipment	8.3	8.3	8.3	41.8	112.3	117.3	122.8	137.8	153.7
20.		TOTAL WATER TREATMENT	8.3	8.3	8.3	41.8	112.3	117.3	122.8	137.8	153.7
21.	341	Structures & Improvements	0.0	0.0	0.0	0.0	19.9	19.9	19.9	19.9	19.9
22.	342	Reservoirs & Tanks	17,314.2	17,377.6	19,030.8	19,458.1	19,580.5	20,693.7	21,136.8	23,796.5	28,902.7
23.	343.1	Mains - 4" & Less	385.4	385.4	385.4	219.3	219.3	219.3	219.3	219.3	219.3
24.	343.2	Mains - 6" to 10"	10,367.3	10,604.8	11,070.6	11,506.0	12,392.7	16,600.5	17,194.6	17,457.1	19,023.3
25.	343.3	Mains - 12" & More	9,811.2	9,818.3	9,827.7	9,986.2	12,249.3	12,249.3	12,249.3	12,542.7	12,542.7
26.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.	345	Services	9,407.8	9,963.2	10,939.9	11,947.7	13,445.7	14,427.6	15,360.9	16,215.6	17,103.5
28.	346	Meters	1,248.0	1,298.0	1,494.6	1,696.5	1,810.9	1,921.4	2,039.2	2,380.2	2,735.9
29.	347	Meter Installations	0.0	0.0	0.0	0.0	9.4	9.4	9.4	9.4	9.4
30.	348	Hydrants	2,454.2	2,457.8	2,649.3	2,693.6	3,108.0	3,173.2	3,241.7	3,358.5	3,478.9
31.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.		TOTAL OTHER TRANS & DIST PLANT	50,988.1	51,905.1	55,398.3	57,507.2	62,835.7	69,314.3	71,471.2	75,999.2	84,035.5

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CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Total Utility Plant In Service At the End of The Year
IN THOUSANDS 000s
SUM OF PREVIOUS PAGES

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
33.	371.1	Office Structures	12.6	12.6	73.0	146.8	153.0	187.0	218.6	263.1	308.5
34.	371.2	Stores, Shops, & Garage Str.	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
35.	372.1	Office Furniture (391.1)	119.1	119.1	109.6	108.4	108.0	108.0	108.0	108.0	108.0
36.	372.21	Computer & Peripherals (391.2,.21,.23)	228.9	230.7	117.3	118.7	142.3	154.6	167.7	167.7	167.7
37.	372.22	Other Office Equip (391.22,.3)	23.4	23.4	20.2	20.2	20.2	20.2	20.2	20.2	20.2
38.	372.23	Computer Software (391.26)	112.9	112.9	112.9	113.5	142.4	142.4	142.4	142.4	142.4
39.	373.11	Light Utility Trucks (392.11)	162.1	143.6	127.0	77.8	77.8	77.8	77.8	77.8	77.8
40.	373.12	Heavy Utility Trucks (392.12,.3)	174.1	174.1	174.1	141.3	141.3	141.3	141.3	167.5	194.6
41.	373.2	Automobiles (392.2)	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
42.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	374	Stores Equipment	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
44.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.	376	Communication Equipment	237.2	237.2	619.9	1,065.0	1,154.9	1,164.9	1,174.8	1,250.2	1,327.5
46.	377	Power Operated Equipment	578.7	578.7	578.7	523.9	523.9	523.9	523.9	523.9	523.9
47.	378	Tools, Ship, & Garage Equip.	173.9	183.5	221.0	221.8	229.6	246.4	264.0	282.4	303.2
48.	379&390	Other General & Tangible Plant	43.8	43.8	42.5	42.0	44.4	44.4	44.4	44.4	44.4
49.		TOTAL GENERAL PLANT	58,194.4	59,173.9	63,993.0	66,772.7	74,429.4	81,281.2	83,725.2	88,532.1	97,455.6

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Wgtd Avg UPIS & Percent of Increase for Auth-Rec-Prop and Per Customer
 IN THOUSANDS 000s

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CHAPTER:	7
TABLE	7.8

Line No.	Description	RECORDED YEARS					ESTIMATED		TEST YEAR	Reference
		2005	2006	2007	2008	2009	2010	2011	2012	
1.	Weighted Average Utility Plant	57,878.3	59,636.6	63,560.1	69,223.3	74,213.5	79,085.0	82,798.1	88,691.7	12
2.	Average Customers	20,741	20,866	20,963	20,886	20,762	20,782	20,808	20,834	Rev & Prod Summary
3.	Weighted Average Utility Plant Per Avg. Customer	2.79	2.86	3.03	3.31	3.57	3.81	3.98	4.26	Ln 1 / Ln 2
4.	Change in Weighted Average Utility Plant	N/A	1,758.3	3,923.5	5,663.1	4,990.2	4,871.5	3,713.1	5,893.5	Difference in Ln Columns
5.	Percent of Increase in Weighted Average Utility Plant	N/A	3.04%	6.58%	8.91%	7.21%	6.56%	4.70%	7.12%	Ln 4 / Prior Yr Wgth Avg PIS
6.	Percent of Incr. in Wgthd Avg Utility Plant Per Customer	N/A	0.0001%	0.0003%	0.0004%	0.0003%	0.0003%	0.0002%	0.0003%	Ln 5 / Ln 2

18

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This Chapter contains detailed information regarding the accumulated reserve for Depreciation and annual Depreciation expense for the Ventura (Village) District of California American Water.

The depreciation rates beginning in 2012 Test Year are being proposed based upon a depreciation study completed by an outside consultant in accordance with Standard Practice U-04-W. Salvage and Cost of Removal on Table 8.6 are calculated for the years 2010 through 2013 by using the salvage percentage provided in the depreciation study times the annual retirement amount in those years.

California American Water proposes to include the depreciation reserve calculated in this Chapter in the determination of the net rate base for its Ventura (Village) District. Detailed information regarding projections of those balances for the 2011 Base Year, the 2012 Test Year and the 2013 Escalation Year are included on separate Tables of this Chapter as follows:

Table 8.1 – This table contains a calculation of the Weighted Depreciation Reserve as recorded for the years 2005 through 2009 as well as proposed for the year 2010.

Table 8.2 – This table contains a calculation of the Weighted Depreciation Reserve as authorized for 2008 in the prior Ventura (Village) District GRC and as proposed for the years 2011 through 2013.

Table 8.3 – This table contains a list, by account of Depreciation Reserve balances as of the beginning of each of the years 2005 through 2013.

Table 8.4 – This table contains a list, by account of Annual Depreciation Accruals added to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.5 – This table contains a list, by account of Annual Retirement amounts debited to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.6 – This table contains a list, by account of Salvage and Cost of Removal amounts charged to the Depreciation Reserve for each of the years 2005 through 2013.

**CALIFORNIA AMERICAN WATER
VENTURA (VILLAGE) DISTRICT
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DEPRECIATION RESERVE AND EXPENSE**

**EXHIBIT: A
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Table 8.7 – This table contains a list, by account of Miscellaneous Adjustment and Reclassification amounts charged to the Depreciation Reserve for each of the years 2005 through 2013.

Table 8.8 – This table contains a list, by account of Depreciation Reserve balances as of the end of each of the years 2005 through 2013.

Table 8.9 – This table contains detailed information regarding depreciation rates (existing and proposed rates), by account for the Ventura (Village) District.

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Depreciation Reserve - Recorded
IN THOUSANDS 000s

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CHAPTER:	8
TABLE:	8.1

Line No.	Description	Recorded Years					Est. Year	Reference
		2005	2006	2007	2008	2009	2010	
1.	Depreciation Reserve Beg. of Year	18,494.1	20,069.0	21,651.0	23,399.8	25,122.3	26,702.4	Chapter 8 Table 3 Line 45
2.	Annual Accrual	1,183.2	1,186.9	1,166.1	1,596.4	1,698.2	1,966.1	Chapter 8 Table 4 Line 50
3.	Contribution Depreciation	417.5	459.9	732.3	488.1	362.1	384.6	Chapter 8 Table 4 Line 48
4.	Retirements/Debits to Depreciation	-25.7	-18.5	-151.0	-391.8	-280.2	-230.9	Chapter 8 Table 5 Line 45
5.	(Salvage) and Cost of Removal	0.0	-46.3	0.0	21.9	-159.9	-59.8	Chapter 8 Table 6 Line 45
6.	Depreciation Reserve Adjustment for Plant Adjustment	0.0	0.0	1.4	7.9	-40.0	0.0	Chapter 8 Table 7 Line 45
7.	Charged to 900 Accounts/Adjustments	0.0	0.0	0.0	0.0	0.0	0.0	Chapter 8 Table 4 Line 47
8.	Net Accrual	1,574.9	1,582.0	1,748.8	1,722.5	1,580.2	2,060.0	Line 2 + 3 + 4 + 5 + 6 + 7
9.	6 Year Average Weighting Factor	48.92%	48.92%	48.92%	48.92%	48.92%	48.92%	Rate Base Wrkppr RB-105
10.	Weighted Average Depreciation	770.5	773.9	855.5	842.6	773.0	1,007.8	Line 8 times Line 9
11.	WEIGHTED DEPRECIATION RESERVE	19,264.6	20,842.9	22,506.5	24,242.4	25,895.3	27,710.2	Line 1 plus Line 10

All workpapers references refer to pages that can be found in the rate base section of the workpapers - see rate base table of contents.

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Depreciation
Reserve - Authorized - Proposed
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2008	2011	2012	2013	
1.	Depreciation Reserve Beg. of Year	23,397.5	28,762.4	31,109.6	33,226.8	Chapter 8 Table 3 Line 45
2.	Annual Accrual	1,430.6	2,066.5	1,912.1	2,060.2	Chapter 8 Table 4 Line 50
3.	Contribution Depreciation	472.8	400.0	401.6	402.1	Chapter 8 Table 4 Line 48
4.	Retirements/Debits to Depreciation	-49.2	-99.6	-179.1	-240.5	Chapter 8 Table 5 Line 45
5.	(Salvage) and Cost of Removal	2.2	-19.7	-17.4	-32.9	Chapter 8 Table 6 Line 45
6.	Depreciation Reserve Adjustment for Plant Adjustment	0.0	0.0	0.0	0.0	Chapter 8 Table 7 Line 45
7.	Charged to 900 Accounts/Adjustments	69.9	0.0	0.0	0.0	Chapter 8 Table 4 Line 47
8.	Net Accrual	1,926.3	2,347.2	2,117.1	2,188.9	Line 2 + 3 + 4 + 5 + 6 + 7
9.	6 Year Average Weighting Factor	47.45%	48.92%	48.92%	48.92%	Rate Base Wrkppr RB-105
10.	Weighted Average Depreciation	914.0	1,148.3	1,035.7	1,070.8	Line 8 times Line 9
11.	WEIGHTED DEPRECIATION RESERVE	24,311.5	29,910.7	32,145.3	34,297.6	Line 1 plus Line 10

All workpapers references refer to pages that can be found in the rate base section of the workpapers - see rate base table of contents.

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Depreciation Reserve At the Beginning of The Year
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.3

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	115.7	149.2	182.5	215.7	249.0	273.2	306.1	339.0	373.3
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	66.3	66.6	66.9	67.2	68.6	99.4	143.5	187.6	229.1
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	181.9	215.8	249.4	282.9	317.7	372.7	449.7	526.7	602.5
8.	321	Structures & Improvements	71.8	79.3	86.6	93.9	95.7	98.1	100.7	103.3	105.8
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	1,609.0	1,766.5	1,924.9	2,157.6	2,346.9	2,533.4	2,717.6	2,906.9	3,109.5
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	1,680.8	1,845.8	2,011.4	2,251.5	2,442.6	2,631.5	2,818.3	3,010.2	3,215.3
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	2.1	2.6	3.2	3.8	4.4	7.8	16.1	24.9	28.2
15.		TOTAL WATER TREATMENT	2.1	2.6	3.2	3.8	4.4	7.8	16.1	24.9	28.2
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.6
17.	342	Reservoirs & Tanks	5,464.1	5,883.0	6,313.3	6,861.7	7,330.4	7,636.4	8,111.7	8,607.9	8,951.2
18.	343.1	Mains - 4" & Less	125.0	129.5	137.7	147.3	151.1	159.1	163.5	167.9	172.0
19.	343.2	Mains - 6" to 10"	3,058.0	3,255.4	3,455.8	3,666.2	3,911.8	4,127.8	4,202.0	4,491.6	4,778.9
20.	343.3	Mains - 12" & More	2,725.3	2,903.3	3,087.0	3,271.4	3,482.7	3,700.2	3,928.1	4,155.9	4,365.8
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	3,032.0	3,368.8	3,796.2	4,201.9	4,553.3	4,936.8	5,410.5	5,920.9	6,436.7
23.	346	Meters	433.1	521.4	608.8	700.8	742.7	706.1	779.5	857.1	842.2
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.1	0.1	0.7	1.2	1.7
25.	348	Hydrants	701.8	750.3	799.9	851.2	917.5	921.3	976.4	1,032.4	1,135.2
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	15,539.3	16,811.8	18,198.6	19,700.5	21,089.6	22,187.9	23,572.8	25,236.0	26,685.3

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Depreciation Reserve At the Beginning of The Year
 IN THOUSANDS 000s

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CHAPTER:	8
TABLE:	8.3

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	39.2	39.7	41.7	44.5	49.4	58.6	66.5	76.1	82.4
29.	371.2	Stores, Shops, & Garage Str.	2.1	3.8	3.8	3.8	4.0	3.9	3.9	3.9	5.4
30.	372.1	Office Furniture (391.1)	58.8	63.8	68.7	64.2	65.4	69.8	74.2	78.7	83.5
31.	372.21	Computer and Peripherals (391.2,21,23)	164.9	173.8	196.7	111.0	106.7	106.7	108.6	110.7	114.0
32.	372.22	Other Office Equipment (391.22,3)	2.6	3.6	4.6	2.4	3.3	4.2	5.1	6.0	7.0
33.	372.23	Computer Software (391.26)	12.0	13.2	24.5	41.6	65.4	92.0	118.2	144.3	144.3
34.	373.11	Light Utility Trucks (392.11)	98.7	94.9	52.4	35.7	40.5	51.4	53.4	55.4	65.4
35.	373.12	Heavy Utility Trucks (392.12)	179.1	190.4	179.6	179.6	135.8	126.6	126.6	126.6	138.2
36.	373.2	Automobiles (392.2)	28.4	29.8	34.8	36.1	38.1	41.5	41.5	41.5	41.5
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	6.5	6.8	7.1	7.4	7.6	7.9	8.1	8.4	8.5
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	60.8	83.2	104.9	131.1	202.5	308.1	426.1	545.1	608.2
41.	377	Power Operated Equipment	295.5	338.4	372.3	399.2	397.7	439.8	449.3	458.9	463.2
42.	378	Tools, Ship, & Garage Equip.	124.6	131.9	138.5	144.7	153.5	150.5	156.1	162.1	163.3
43.	379	Other General Plant	18.1	19.9	22.8	23.9	26.7	23.0	23.0	23.0	23.0
44.	303 & 390	Other Intangible & Tangible Property	-1.4	0.0	-64.0	-64.0	-28.4	18.6	244.9	471.2	747.5
45.		TOTAL GENERAL PLANT	18,494.1	20,069.0	21,651.0	23,399.8	25,122.3	26,702.4	28,762.4	31,109.6	33,226.8

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Summary Calculation of Annual Depreciation Accruals By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	33.5	33.3	33.2	33.4	33.2	32.9	32.9	34.3	34.3
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.3	0.3	0.3	1.4	30.8	44.1	44.1	41.5	46.8
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	33.9	33.6	33.5	34.8	64.0	77.0	77.0	75.8	81.1
8.	321	Structures & Improvements	7.4	7.3	7.4	1.7	2.5	2.6	2.6	2.4	2.4
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	157.5	158.4	232.7	193.3	186.4	185.0	190.0	203.2	207.7
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	164.9	165.7	240.1	195.0	188.9	187.6	192.6	205.6	210.1
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.6	0.6	0.6	0.6	3.4	8.4	8.8	3.4	3.8
15.		TOTAL WATER TREATMENT	0.6	0.6	0.6	0.6	3.4	8.4	8.8	3.4	3.8
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5
17.	342	Reservoirs & Tanks	418.9	430.3	548.4	468.6	471.1	479.3	497.8	352.7	413.7
18.	343.1	Mains - 4" & Less	8.1	8.1	8.2	10.8	8.0	4.4	4.4	4.1	4.1
19.	343.2	Mains - 6" to 10"	197.5	200.4	210.4	317.9	224.1	272.5	317.7	299.7	315.6
20.	343.3	Mains - 12" & More	178.0	183.7	184.5	213.3	217.5	227.8	227.8	210.7	213.2
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	339.3	427.4	405.7	435.9	457.4	508.7	543.6	546.3	576.4
23.	346	Meters	88.3	87.4	91.9	109.3	116.4	112.9	119.8	107.2	124.1
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.5	0.5
25.	348	Hydrants	48.6	49.5	51.3	74.6	57.0	62.5	63.8	116.2	120.3
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	1,278.5	1,386.8	1,500.4	1,630.5	1,551.5	1,669.3	1,776.1	1,637.9	1,768.4

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Summary Calculation of Annual Depreciation Accruals By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.4

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	0.4	2.1	2.8	4.8	9.2	8.4	10.0	6.8	8.1
29.	371.2	Stores, Shops, & Garage Str.	1.7	0.0	0.0	0.2	-0.1	0.0	0.0	1.6	1.6
30.	372.1	Office Furniture (391.1)	5.0	5.0	4.9	2.4	4.7	4.5	4.5	4.8	4.8
31.	372.21	Computer and Peripherals (391.2,,21,,23)	8.8	23.0	33.2	2.5	5.1	2.7	3.0	3.3	3.3
32.	372.22	Other Computer Equipment (391.22,,3)	1.0	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.0
33.	372.23	Computer Software (391.26)	1.2	11.3	17.0	23.9	26.6	26.1	26.1	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	16.0	-24.8	0.0	39.4	10.9	2.0	2.0	10.0	10.0
35.	373.12	Heavy Utility Trucks (392.12)	11.3	-10.8	0.0	-14.2	-9.2	0.0	0.0	13.1	15.4
36.	373.2	Automobiles (392.2)	1.4	2.0	1.3	1.5	3.4	0.0	0.0	0.0	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	22.5	21.6	26.2	71.4	105.6	118.1	119.1	63.8	67.8
41.	377	Power Operated Equipment	42.9	33.9	26.9	43.2	42.1	9.5	9.5	4.3	4.3
42.	378	Tools, Shop, & Garage Equip.	7.2	6.7	7.3	9.0	9.6	9.8	10.5	5.8	6.2
43.	379	Other General Plant	1.8	2.9	2.9	2.8	1.5	0.0	0.0	0.0	0.0
44.	303 & 390	Other Intangible & Tangible Property	1.4	-14.0	0.0	35.6	41.9	226.3	226.3	276.3	276.3
45.		TOTAL GENERAL PLANT	1,600.6	1,646.8	1,898.4	2,084.5	2,060.3	2,350.7	2,466.6	2,313.6	2,462.3
46.		DEDUCTIONS									
47.		Charged to 900 Accounts									
48.		Chgd. to 265 Contrib. Acct.	417.5	459.9	732.3	488.1	362.1	384.6	400.0	401.6	402.1
49.		TOTAL DEDUCTIONS	417.5	459.9	732.3	488.1	362.1	384.6	400.0	401.6	402.1
50.	TOTAL	DEPRECIATION CHGD. TO ACCT. 503	1,183.2	1,186.9	1,166.1	1,596.4	1,698.2	1,966.1	2,066.5	1,912.1	2,060.2

All workpaper references refer to pages that can be found in the rate base section of the workpapers - SEE Workpapers

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Retirements-Debits to Depreciation Reserve By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
8.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	0.0	0.0	0.0	4.6	0.0	0.7	0.6	0.5	0.5
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	0.0	0.0	0.0	4.6	0.0	0.7	0.6	0.5	0.5
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.		TOTAL WATER TREATMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	8.7	3.5	1.4	8.3	15.9
18.	343.1	Mains - 4" & Less	3.5	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
19.	343.2	Mains - 6" to 10"	0.0	0.0	0.0	71.9	4.5	152.6	21.5	9.5	56.8
20.	343.3	Mains - 12" & More	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.6	0.0
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	2.5	0.0	0.0	83.9	33.8	23.3	22.2	20.3	21.1
23.	346	Meters	0.0	0.0	0.0	69.1	153.0	39.5	42.2	122.0	127.3
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	0.0	0.0	0.0	8.2	53.2	5.7	6.0	10.3	10.6
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	6.0	0.0	0.0	242.1	253.3	224.7	93.3	171.0	231.7

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Summary of Retirements-Debits to Depreciation Reserve By Account
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.5

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.5	0.6
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	372.1	Office Furniture (391.1)	0.0	0.0	9.4	1.3	0.3	0.0	0.0	0.0	0.0
31.	372.21	Computer and Peripherals (391.2,.21,.23)	0.0	0.0	118.8	6.8	5.0	0.9	0.9	0.0	0.0
32.	372.22	Other Office Equipment (391.22,.3)	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
33.	372.23	Computer Software (391.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	19.7	18.5	16.6	49.2	0.0	0.0	0.0	0.0	0.0
35.	373.12	Heavy Utility Trucks (392.12)	0.0	0.0	0.0	32.8	0.0	0.0	0.0	1.8	1.9
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.6	0.6
41.	377	Power Operated Equipment	0.0	0.0	0.0	54.8	0.0	0.0	0.0	0.0	0.0
42.	378	Tools, Ship, & Garage Equip.	0.0	0.0	1.1	0.2	12.6	4.2	4.4	4.6	5.2
43.	379	Other General Plant	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0
44.	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.		TOTAL GENERAL PLANT	25.7	18.5	151.0	391.8	280.2	230.9	99.6	179.1	240.5

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Salvage and Cost of Removal By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.6

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.		TOTAL WATER TREATMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	-156.4	-0.5	-0.2	-1.2	-2.4
18.	343.1	Mains - 4" & Less	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	343.2	Mains - 6" to 10"	0.0	0.0	0.0	0.0	-3.5	-45.8	-6.5	-2.9	-17.0
20.	343.3	Mains - 12" & More	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	0.0	0.0	0.0	0.0	0.0	-11.7	-11.1	-10.2	-10.5
23.	346	Meters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	0.0	0.0	0.0	0.0	0.0	-1.7	-1.8	-3.1	-3.2
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	0.0	0.0	0.0	0.0	-159.9	-59.7	-19.6	-17.6	-33.1

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Salvage and Cost of Removal By Account
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	8
TABLE:	8.6

Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	372.1	Office Furniture (391.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.	372.21	Computer and Peripherals (391.2,,21,,23)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.	372.22	Other Office Equipment (391.22,,3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.	372.23	Computer Software (391.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	0.0	0.8	0.0	8.5	0.0	0.0	0.0	0.0	0.0
35.	373.12	Heavy Utility Trucks (392.12)	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.3	0.3
36.	373.2	Automobiles (392.2)	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.	377	Power Operated Equipment	0.0	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0
42.	378	Tools, Shop, & Garage Equip.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	379	Other General Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.	303 & 390	Other Intangible & Tangible Property	0.0	-50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.		TOTAL GENERAL PLANT	0.0	-46.3	0.0	21.9	-159.9	-59.8	-19.7	-17.4	-32.9

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Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1.	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	321	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	332	Water Treatment Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.		TOTAL WATER TREATMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	342	Reservoirs & Tanks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.	343.1	Mains - 4" & Less	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
19.	343.2	Mains - 6" to 10"	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	0.0
20.	343.3	Mains - 12" & More	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	0.0	0.0	0.0	-0.6	-40.0	0.0	0.0	0.0	0.0
23.	346	Meters	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0
24.	347	Meter Installations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	348	Hydrants	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
26.	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	0.0	0.0	1.5	0.6	-40.0	0.0	0.0	0.0	0.0

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Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.	371.2	Stores, Shops, & Garage Str.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.	372.1	Office Furniture (391.1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.	372.21	Computer and Peripherals (391.2.,21, 23)	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
32.	372.22	Other Office Equipment (391.22.,3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.	372.23	Computer Software (391.26)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.	373.11	Light Utility Trucks (392.11)	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0
35.	373.12	Heavy Utility Trucks (392.12)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.	373.2	Automobiles (392.2)	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.	377	Power Operated Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.	378	Tools, Ship, & Garage Equip.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.	379	Other General Plant	0.0	0.0	0.0	0.0	-5.2	0.0	0.0	0.0	0.0
44.	303 & 390	Other Intangible & Tangible Property	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0
45.		TOTAL GENERAL PLANT	0.0	0.0	1.4	7.9	-40.0	0.0	0.0	0.0	0.0

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Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
1	311	Structures & Improvements	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
2.	312	Collecting & Impounding Reservoirs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	313	Lake, River and Other Intake	149.2	182.5	215.7	249.0	273.2	306.1	339.0	373.3	407.6
4.	315	Wells & Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	316	Supply Mains	66.6	66.9	67.2	68.6	99.4	143.5	187.6	229.1	275.9
6.	317	Other Source of Supply Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.		TOTAL SOURCE OF SUPPLY PLANT	215.8	249.4	282.9	317.7	372.7	449.7	526.7	602.5	683.6
8	321	Structures & Improvements	79.3	86.6	93.9	95.7	98.1	100.7	103.3	105.8	108.2
9	323	Other Power Production Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	324	Electric Pumping Equipment	1,766.5	1,924.9	2,157.6	2,346.9	2,533.4	2,717.6	2,906.9	3,109.5	3,316.5
11.	325	Other Pumping Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.		TOTAL PUMPING PLANT	1,845.8	2,011.4	2,251.5	2,442.6	2,631.5	2,818.3	3,010.2	3,215.3	3,424.7
13.	331	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	332	Water Treatment Equipment	2.6	3.2	3.8	4.4	7.8	16.1	24.9	28.2	32.0
15.		TOTAL WATER TREATMENT	2.6	3.2	3.8	4.4	7.8	16.1	24.9	28.2	32.0
16.	341	Structures & Improvements	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.6	2.1
17.	342	Reservoirs & Tanks	5,883.0	6,313.3	6,861.7	7,330.4	7,636.4	8,111.7	8,607.9	8,951.2	9,346.6
18.	343.1	Mains - 4" & Less	129.5	137.7	147.3	151.1	159.1	163.5	167.9	172.0	176.1
19.	343.2	Mains - 6" to 10"	3,255.4	3,455.8	3,666.2	3,911.8	4,127.8	4,202.0	4,491.6	4,778.9	5,020.7
20	343.3	Mains - 12" & More	2,903.3	3,087.0	3,271.4	3,482.7	3,700.2	3,928.1	4,155.9	4,365.8	4,579.1
21.	344	Fire Mains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	345	Services	3,368.8	3,796.2	4,201.9	4,553.3	4,936.8	5,410.5	5,920.9	6,436.7	6,981.5
23.	346	Meters	521.4	608.8	700.8	742.7	706.1	779.5	857.1	842.2	839.0
24.	347	Meter Installations	0.0	0.0	0.0	0.1	0.1	0.7	1.2	1.7	2.2
25.	348	Hydrants	750.3	799.9	851.2	917.5	921.3	976.4	1,032.4	1,135.2	1,241.8
26	349	Other T & D Plant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.		TOTAL OTHER TRANS & DIST PLANT	16,811.8	18,198.6	19,700.5	21,089.6	22,187.9	23,572.8	25,236.0	26,685.3	28,188.9

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Line No.	P.U.C. Account No.	Description	Recorded Years					Estimated Years			
			2005	2006	2007	2008	2009	2010	2011	2012	2013
28.	371.1	Office Structures	39.7	41.7	44.5	49.4	58.6	66.5	76.1	82.4	89.9
29.	371.2	Stores, Shops, & Garage Str.	3.8	3.8	3.8	4.0	3.9	3.9	3.9	5.4	7.0
30.	372.1	Office Furniture (391.1)	63.8	68.7	64.2	65.4	69.8	74.2	78.7	83.5	88.4
31.	372.21	Computer and Peripherals (391.2.,21.,23)	173.8	196.7	111.0	106.7	106.7	108.6	110.7	114.0	117.3
32.	372.22	Other Office Equipment (391.22.,3)	3.6	4.6	2.4	3.3	4.2	5.1	6.0	7.0	8.0
33.	372.23	Computer Software (391.26)	13.2	24.5	41.6	65.4	92.0	118.2	144.3	144.3	144.3
34.	373.11	Light Utility Trucks (392.11)	94.9	52.4	35.7	40.5	51.4	53.4	55.4	65.4	75.5
35.	373.12	Heavy Utility Trucks (392.12)	190.4	179.6	179.6	135.8	126.6	126.6	126.6	138.2	152.1
36.	373.2	Automobiles (392.2)	29.8	34.8	36.1	38.1	41.5	41.5	41.5	41.5	41.5
37.	373.3	Transportation Other (392.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.	374	Stores Equipment	6.8	7.1	7.4	7.6	7.9	8.1	8.4	8.5	8.7
39.	375	Laboratory Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.	376	Communication Equipment	83.2	104.9	131.1	202.5	308.1	426.1	545.1	608.2	675.4
41.	377	Power Operated Equipment	338.4	372.3	399.2	397.7	439.8	449.3	458.9	463.2	467.5
42.	378	Tools, Shop, & Garage Equip.	131.9	138.5	144.7	153.5	150.5	156.1	162.1	163.3	164.3
43.	379	Other General Plant	19.9	22.8	23.9	26.7	23.0	23.0	23.0	23.0	23.0
44.	303 & 390	Other Tangible Property	0.0	-64.0	-64.0	-28.4	18.6	244.9	471.2	747.5	1,023.8
45.		TOTAL GENERAL PLANT	20,069.0	21,651.0	23,399.8	25,122.3	26,702.4	28,762.4	31,109.6	33,226.8	35,415.7

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Account	PUC Acct.	Plant at 12/31/2008	Existing Accrual Rates	Accrual at Existing Rates	Proposed Accrual Rates	Accrual at Proposed Rates	Change in Expense
304100-Struct & Imp-Supply	311	2,773.25	2.00%	55.44	2.57%	71.27	15.83
304200-Struct & Imp-Pumping	321	171,924.68	1.41%	2,420.51	1.32%	2,269.41	(151.10)
304400-Struct & Imp-T&D	341				2.63%	*	
304700-Struct & Imp-Store,Shop,Gar	371	3,200.00	-3.79%	(121.37)	0.00%	0.00	121.37
304700-Struct & Imp-Store,Shop,Gar New	371				3.28%	*	
305000-Collect & Impound Reservoirs	312				1.67%	*	
306000-Lake, River & Other Intakes	313	1,018,033.57	3.26%	33,238.37	3.40%	34,613.14	1,374.77
309000-Supply Mains	316	246,361.15	1.89%	4,652.95	1.78%	4,385.23	(267.72)
311200-Pump Eqp Electric	324	4,309,022.91	4.22%	181,876.10	4.41%	190,027.91	8,151.81
320100-WT Equip Non-Media	332	41,786.02	7.29%	3,045.91	2.61%	1,090.62	(1,955.29)
331100-TD Mains 4in & Less	343	390,163.67	2.02%	7,895.80	1.87%	7,296.06	(599.74)
331200-TD Mains 6in to 8in	343	11,506,022.40	1.88%	216,882.65	1.73%	199,054.19	(17,828.46)
331300-TD Mains 10in to 16in	343	9,986,150.76	1.86%	185,292.13	1.70%	169,764.56	(15,527.57)
333000-Services	345	11,947,650.62	3.65%	436,237.28	3.46%	413,388.71	(22,848.57)
334100-Meters	346	1,696,476.47	6.05%	102,650.82	4.85%	82,279.11	(20,371.71)
334200-Meter Installations New	347				5.00%	*	
335000-Hydrants	348	2,693,599.83	1.99%	53,515.79	3.52%	94,814.71	41,298.92
339100-Other P/E-Intangible	303	78,017.71	2.76%	2,153.29	4.81%	3,752.65	1,599.36
340100-Office Furniture & Equip	372	108,388.27	4.14%	4,490.02	4.46%	4,834.12	344.10
340200-Comp & Periph Equip	372	118,719.51	1.85%	2,197.54	1.96%	2,326.90	129.36
340300-Computer Software	372	113,539.74	18.34%	20,821.16	11.65%	13,227.38	(7,593.78)
340500-Other Office Equipment	372	20,238.38	4.44%	897.97	5.10%	1,032.16	134.19
341100-Trans Equip Lt Duty Trks	373	77,789.01	11.62%	9,039.08	2.59%	2,014.74	(7,024.34)
341200-Trans Equip Hvy Duty Trks	373	141,290.21	11.62%	16,412.99	0.00%	0.00	(16,412.99)
341300-Trans Equip Autos	373	41,511.06	-8.38%	(3,478.63)	0.00%	0.00	3,478.63
341100-Trans Equip Lt Duty Trks New	373				12.86%	*	
341200-Trans Equip Hvy Duty Trks New	373				8.50%	*	
341300-Trans Equip Autos New	373				12.86%	*	
342000-Stores Equipment	374	10,071.39	2.38%	239.54	1.60%	161.14	(78.40)
343000-Tools,Shop,Garage Equip	378	221,768.53	4.10%	9,102.84	2.11%	4,679.32	(4,423.52)

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 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
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Account	PUC Acct.	Plant at 12/31/2008	Existing Accrual Rates	Accrual at Existing Rates	Proposed Accrual Rates	Accrual at Proposed Rates	Change in Expense
345000-Power Operated Equipment	377	523,883.08	1.82%	9,556.19	0.82%	4,295.84	(5,260.35)
347000-Misc Equipment	379	42034.07	3.50%	1,469.87	18.81%	7,906.61	6,436.74
348000-Other Tangible Property	390	24535.63	4.49%	1,101.47	5.18%	1,270.95	169.48
Total Village		66,249,392.26		1,882,444.14		1,611,114.43	(271,329.71)

*New additions to the above accounts will reflect proposed life and net salvage parameters

304500-Struct & Imp-General	371	12,555.00	-0.40%	(50.13)	0.00%	0.00	50.13
304500-Struct & Imp-General New	371				3.28%	*	
304600-Struct & Imp-Offices	371	178,797.75	5.31%	9,491.51	3.02%	5,399.69	(4,091.82)
Total		191,352.75		9,441.38		5,399.69	
Composite Rate			4.93%		2.82%		
330000-Dist Reservoirs & Standpipes	342	19,207,557.49	2.38%	457,358.83	1.56%	299,637.90	(157,720.93)
330200-Ground Level Tanks	342	250,493.32	2.23%	5,586.00	2.53%	6,337.48	751.48
Total		19,458,050.81		462,944.83		305,975.38	
Composite Rate			2.38%		1.57%		
346100-Comm Equip Non-Telephone	376	863,838.16	10.17%	87,884.24	5.12%	44,228.51	(43,655.73)
346190-Remote Control & Instrument	376	201,198.62	10.20%	20,527.96	5.86%	11,790.24	(8,737.72)
Total		1,065,036.78		108,412.20		56,018.75	
Composite Rate			10.18%		5.26%		

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This Chapter contains detailed information regarding the various components of utility plant in service and other investments that have been made or are forecasted to be made by California American Water in property. The only property investments proposed are required and essential to provide quality service to customers in its Ventura (Village) District. The amount of those investments is reduced by externally financed investments as summarized on Table 9.2 in order to arrive at the net cost of the rate base that will be in place between December 31, 2012 and December 31, 2013.

Detailed information supporting California American Water forecasts and rate base calculations are included as separate Tables of this Chapter as follows:

Table 9.1 – This table contains a calculation of Weighted Average Rate Base as recorded for the years 2005 through 2009 as well as proposed for the year 2010.

Table 9.2 – This table contains a calculation of Weighted Average Rate Base as authorized for 2008 in the prior Ventura (Village) District GRC and as proposed for the years 2011 through 2013.

Table 9.3 – This table contains balances in Materials and Supplies investments for the years 2005 through 2013.

Table 9.4 – This table contains a calculation of investments in Working Cash required by the Ventura (Village) District to support its day-to-day operation.

Table 9.5 – This table contains information about Advances for Construction available to the Ventura (Village) District for the years 2005 through 2013 to offset construction costs as a source of external cash used to reduce total Rate Base investment.

Table 9.6 – This table contains information about Net Contributions available to the Ventura (Village) District for the years 2005 through 2013 to offset construction costs as a source of external cash used to reduce total Rate Base investment.

Table 9.7 – This table contains information about the Taxable Average Accumulated Deferred Reserve associated with a portion of Net Contributions that reduces that portion of the availability of that source of external cash.

Table 9.8 – This table contains information about the amount of Average Annual State Deferred Taxes available as a source of external cash used to reduce total Rate Base investment.

Table 9.9 – This table contains information about the amount of Average Annual Federal Deferred Taxes available as a source of external cash used to reduce total Rate Base investment.

Table 9.10 – This table contains calculations of percentages of increase in the Weighted Average Rate Base for the years 2005 through 2012 as authorized and as proposed in this Application and as shown on a Rate Base Component and a Rate Base per Customer basis.

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average Rate Base -Recorded
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.1

Line No.	Description	Recorded Years					Est. Year	Reference
		2005	2006	2007	2008	2009	2010	
1.	Weighted Average Utility Plant in Service	57,878.3	59,636.6	63,560.1	69,223.3	74,213.5	79,085.0	Chapter 7 Table 1 Line 12
2.	Materials and Supplies	49.6	46.4	43.5	47.5	45.1	50.4	Chapter 9 Table 3 Line 1
3.	Working Cash, Operational	108.8	101.3	207.7	824.8	3,593.4	4,200.5	Chapter 9 Table 4 Line 26
4.	Working Cash, Lead Lag	386.3	375.4	294.4	318.2	320.0	321.8	D.08-03-022
5.	SUBTOTAL	58,423.0	60,159.8	64,105.7	70,413.7	78,172.0	83,657.8	Line 1 + 2 + 3 +4
6.	LESS DEDUCTIONS FROM RATE BASE							
7.	Weighted Average Depreciation Reserve	(19,264.6)	(20,842.9)	(22,506.5)	(24,242.4)	(25,895.3)	(27,710.2)	Chapter 8 Table 1 Line 11
8.	Advances for Construction	(3,616.2)	(3,536.4)	(3,660.4)	(3,835.3)	(4,400.4)	(5,461.4)	Chapter 9 Table 5 Line 15
	Unamortized Advances (20 Year Amortization)	0.0	0.0	0.0	0.0	0.0	0.0	Chapter 9 Table 6 Line 23 Plus Table 7 Line 32
9.	Contributions in Aid of Construction	(13,685.2)	(13,457.3)	(13,995.3)	(14,830.2)	(15,258.1)	(16,202.2)	Chapter 9 Table 9 Line 19
	Unamortized Contributions (20 Year Amortization)	0.0	0.0	0.0	0.0	0.0	0.0	Chapter 9 Table 8 Line 19
10.	Accumulated Deferred Federal Income Taxes	(367.2)	(375.6)	(359.6)	(457.9)	(1,141.4)	(1,747.0)	Chapter 9 Table 8 Line 19
11.	Accumulated Deferred State Income Taxes	(101.9)	(104.2)	(99.8)	(127.0)	(320.8)	(482.7)	Chapter 9 Table 8 Line 19
12.	SUBTOTAL DEDUCTIONS	(37,035.0)	(38,316.4)	(40,621.6)	(43,492.9)	(47,015.9)	(51,603.6)	Line 7 + 8 + 9 +10 +11
13.	General Office Allocation	0.0	0.0	0.0	0.0	0.0	0.0	
14.	WEIGHTED AVERAGE RATE BASE	21,388.0	21,843.4	23,484.1	26,920.8	31,156.1	32,054.2	Line 5 + 12

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Weighted Average
Rate Base - Authorized - Proposed
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.2

Line No.	Description	LAST AUTHORIZED TEST YEAR	ESTIMATED	PROPOSED TEST YEAR	ESTIMATED	Reference
		2008	2011	2012	2013	
1.	Weighted Average Utility Plant in Service	68,173.0	82,798.1	88,691.7	100,737.0	Chapter 7 Table 2 Line 12
2.	Materials and Supplies	44.8	52.0	53.7	55.3	Chapter 9 Table 3 Line 1
3.	Working Cash, Operational	345.9	4,485.3	4,189.6	3,902.6	Chapter 9 Table 4 Line 26
4.	Working Cash, Lead Lag	313.4	323.6	810.0	830.0	Rate Base Wrkppr RB-109
5.	SUBTOTAL	68,877.1	87,659.1	93,745.0	105,525.0	Line 1 + 2 + 3 +4
6.	LESS DEDUCTIONS FROM RATE BASE					
7.	Weighted Average Depreciation Reserve	(24,311.5)	(29,910.7)	(32,145.3)	(34,297.6)	Chapter 8 Table 2 Line 11
8.	Advances for Construction	(7,597.3)	(5,848.4)	(5,712.3)	(5,538.5)	Chapter 9 Table 5 Line 15 Chapter 9 Table 6 Line 23
9.	Contributions in Aid of Construction	(13,159.8)	(16,721.5)	(16,417.4)	(16,054.3)	Plus Table 7 Line 32
10.	Accumulated Deferred Federal Income Taxes	(1,208.0)	(1,659.5)	(1,601.6)	(1,566.5)	Chapter 9 Table 9 Line 19
11.	Accumulated Deferred State Income Taxes	(334.7)	(442.0)	(414.8)	(404.3)	Chapter 9 Table 8 Line 19
12.	SUBTOTAL DEDUCTIONS	(46,611.3)	(54,582.2)	(56,291.5)	(57,861.1)	Line 7 + 8 + 9 +10 +11
13.	General Office Allocation	924.9	0.0	0.0	0.0	
14.	WEIGHTED AVERAGE RATE BASE	23,190.7	33,076.9	37,453.5	47,663.9	Line 5 + 12
15.	Weighted Cost of Debt	3.60%	3.76%	3.76%	3.76%	Exh C - Table C-1
16.	Rate Making Interest	834.9	1,242.6	1,407.0	1,790.6	Ln 14 x Ln 15

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Table Summarizing Materials and Supplies Balances
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.3

Line No.	ITEM	Recorded Years					Est. Year	FIVE Year Average	Estimated Years		
		2005	2006	2007	2008	2009	2010		2011	2012	2013
1.	TOTALS	49.6	46.4	43.5	47.5	45.1	50.4	48.5	52.0	53.7	55.3
	Inflation Factor	1.123	1.071	1.035	0.986	1.000	1.040		1.032	1.032	1.031
	Inflation Adjusted	55.7	49.8	45.0	46.8	45.1					

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Cash Working Capital - Operational
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.4

Line No.	ITEM	Recorded Years					Est. Year	FIVE YEAR AVERAGE	Estimated Years		
		2005	2006	2007	2008	2009	2010		2011	2012	2013
1.	DEPOSITS										
2.	Ventura District	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	WORKING FUNDS										
5.	Ventura District	0.8	0.8	0.7	0.7	0.2	0.6	0.6	0.6	0.6	0.6
7.	MISC. RECEIVABLES										
8.	Ventura District	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	PREPAYMENTS										
11.	Ventura District										
12.											
13.	Other	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
14.	Taxes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.	DEFERRED DEBITS										
21.	Prg Maint - Tank Painting	92.0	84.6	191.1	808.2	3,577.3	4,184.0	950.6	4,468.8	4,173.1	3,886.1
22.	Other Reg Assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.	Deferred Rate Case Expense	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.	Balancing & Memo Account	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	Corp	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.	TOTALS	108.8	101.3	207.7	824.8	3,593.4	4,200.5	967.2	4,485.3	4,189.6	3,902.6

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Advances for Construction
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.5

Line No	Description	Recorded Years					Estimated Years					
		2005	2006	2007	2008	2009	2010	2011	2012	2013		
1	ACQUIRED ADVANCES DURING YEAR											
2	SUMMARY, PROJECTED INVESTMENT PORTION											
3	Additions During the Year	0.0	0.0	0.0	0.0	0.0	904.0	88.3	10.6	24.7	Used 35.3% of Dev/Contrib RB Wkpr RB-100	
4	Refunds on Additions During the Year	0.0	0.0	0.0	0.0	0.0	22.6	2.2	0.3	0.6	ADDITIONS/40YEARS	
5	SUMMARY, PROJECTED GROSS UP PORTION											
6	Taxable Gross-Up Additions	0.0	0.0	0.0	0.0	0.0	452.0	44.1	5.3	12.4	50% of ADDITIONS	
7	Gross-Up Percentage	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	RULE 15 TARIFF %	
8	Total Gross Up Additions During the Year	0.0	0.0	0.0	0.0	0.0	151.8	14.8	1.8	4.1		
9	Refunds on Gross Ups	0.0	0.0	0.0	0.0	0.0	3.8	0.4	0.0	0.1	ADDITIONS/40YEARS	
10	SUMMARY, TOTAL ACCOUNT INCLUDING GROSS UP BEGINNING OF YEAR BALANCE	3581.3	3,651.1	3,421.7	3,899.0	3,771.6	5,029.1	5,893.8	5,803.1	5,621.4	Calculated	
11	Additions During Year	205.3	0.0	679.5	15.4	1,422.2	1,055.8	103.1	12.4	28.9	Recorded and Calculated from Lines 3 and 8	
12	Refunds	135.5	229.4	200.9	141.3	164.8	191.2	193.7	194.0	194.8	Recorded and Calculated from Lines 4 and 9	
13	Transfer to Contributions	0.0	0.0	1.3	1.5	0.0	0.0	0.0	0.0	0.0		
14	END OF YEAR BALANCE ADV FOR CONSTRUCTION	3,651.1	3,421.7	3,899.0	3,771.6	5,029.1	5,893.8	5,803.1	5,621.4	5,455.5	Calculated	
15	FOR RATE BASE	3,616.2	3,536.4	3,660.4	3,835.3	4,400.4	5,461.4	5,848.4	5,712.3	5,538.5	Calculated	

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Summary of Net Contributions for Rate Base
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.6

Line No.	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
C.I.A.C. NON-TAXABLE											
1	<u>Gross Contributions</u>										
2	Beginning of Year Balance	13,181.9	13,467.1	13,531.1	15,699.7	16,415.5	17,341.5	18,960.1	19,118.1	19,137.0	Calculated
3	Additions During Year	285.3	63.9	2,168.6	715.8	926.0	1,618.5	158.0	19.0	44.2	Used 63.2% of Dev/Contrib RB Wrkpr RB-100
4	End of Year Balance	13,467.1	13,531.1	15,699.7	16,415.5	17,341.5	18,960.1	19,118.1	19,137.0	19,181.3	Calculated
5	AVERAGE FOR THE YEAR	13,324.5	13,499.1	14,615.4	16,057.6	16,878.5	18,150.8	19,039.1	19,127.5	19,159.1	Calculated
6	Depreciation Charged to Contributions										
7.	Beginning of Year Balance	2193.3	2,500.4	2,840.7	3,441.7	3,825.5	4,110.3	4,416.6	4,737.9	5,060.7	Calculated
8.	Charged During Year	307.2	340.2	601.0	383.8	284.8	306.3	321.3	322.8	323.3	Calculated
9.	End of Year Balance	2,500.4	2,840.7	3,441.7	3,825.5	4,110.3	4,416.6	4,737.9	5,060.7	5,384.0	Calculated
10.	AVERAGE FOR THE YEAR	2,346.9	2,670.6	3,141.2	3,633.6	3,967.9	4,263.5	4,577.3	4,899.3	5,222.3	Calculated
11.	NET AVG CONTRIB IN AID OF CONSTRUCT FOR RATE BASE, PRIOR TO 1987	10,977.6	10,828.5	11,474.2	12,424.0	12,910.6	13,887.3	14,461.8	14,228.3	13,936.8	Calculated
C.I.A.C. TAXABLE											
12	<u>Gross Contributions</u>	13695.4	13334.4	14751.1	14983.9	15607.0	16879.4	16641.1	16259.0	15902.1	
13.	Beginning of Year Balance	3759.0	3,777.6	3,812.5	3,793.0	3,798.0	3,857.3	3,895.7	3,899.4	3,899.9	Calculated
14.	Additions During Year	18.6	34.9	-19.6	5.0	59.3	38.4	3.8	0.5	1.1	Used 1.5% of Dev/Contrib RB Wrkpr RB-100
15.	End of Year Balance	3,777.6	3,812.5	3,793.0	3,798.0	3,857.3	3,895.7	3,899.4	3,899.9	3,900.9	Calculated
16.	AVERAGE FOR THE YEAR	3,768.3	3,795.1	3,802.7	3,795.5	3,827.6	3,876.5	3,897.6	3,899.7	3,900.4	Calculated
17	Depreciation Charged to Contributions										
18.	Beginning of Year Balance	938.6	1,048.9	1,168.5	1,299.8	1,404.1	1,481.4	1,559.8	1,638.5	1,717.3	Calculated
19.	Charged During Year	110.3	119.7	131.3	104.3	77.3	78.3	78.7	78.8	78.8	Calculated
20.	End of Year Balance	1,048.9	1,168.5	1,299.8	1,404.1	1,481.4	1,559.8	1,638.5	1,717.3	1,796.1	Calculated
21.	AVERAGE FOR THE YEAR	993.7	1,108.7	1,234.2	1,352.0	1,442.8	1,520.6	1,599.1	1,677.9	1,756.7	Calculated
22.	NET CONTRIB IN AID OF CONSTRUCTION FOR RATE BASE, 1987 AND LATER	2,774.6	2,686.4	2,568.6	2,443.5	2,384.9	2,355.9	2,298.4	2,221.8	2,143.7	Calculated
23	TOTAL NET CONTRIB FOR RATE BASE	13,752.2	13,514.9	14,042.7	14,867.5	15,295.4	16,243.2	16,760.2	16,450.0	16,080.6	Calculated

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Accumulated Taxable Average CIAC Reserve
IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.7

Line No	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
1	ACCUM DEFERRED REVENUES, BEG OF YEAR BAL	73.4	60.7	54.4	40.5	34.2	40.4	41.6	35.8	29.4	Recorded & Calculated
2	Additions During Year										
3	Investment	18.6	34.9	-19.6	5.0	59.3	38.4	3.8	0.5	1.1	From Table 9.6
4	Gross-Up Percentage	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	33.58%	Rule 15 Tariff
5	Gross-Up	6.3	11.7	-6.6	1.7	19.9	12.9	1.3	0.2	0.4	Calculated
6	Composite Income Tax Rate	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	40.75%	
7	Taxes Payable on Gross-Up	2.6	4.8	-2.7	0.7	8.1	5.3	0.5	0.1	0.2	Calculated
8	Deferred Revenues Generated	3.7	6.9	-3.9	1.0	11.8	7.6	0.8	0.1	0.2	Calculated
9	Amortization of Deferred Revenues Based on MACRS Depreciation Rates										
10	Depreciation Rate										
11	Vintage 2005	3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	4.888%	4.522%	4.462%	MACRS Deprec rate 20 yrs.
12	Vintage 2006		3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	4.888%	4.522%	
13	Vintage 2007			3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	4.888%	
14	Vintage 2008				3.750%	7.219%	6.677%	6.177%	5.713%	5.285%	
15	Vintage 2009					3.750%	7.219%	6.677%	6.177%	5.713%	
16	Vintage 2010						3.750%	7.219%	6.677%	6.177%	
17	Vintage 2011							3.750%	7.219%	6.677%	
18	Vintage 2012								3.750%	7.219%	
19	Vintage 2013									3.750%	
	Amortization										
20	Vintage 2005	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	Calculated
21	Vintage 2006		0.3	0.5	0.5	0.4	0.4	0.4	0.3	0.3	
22	Vintage 2007			-0.1	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	
23	Vintage 2008				0.0	0.1	0.1	0.1	0.1	0.1	
24	Vintage 2009					0.4	0.9	0.8	0.7	0.7	
25	Vintage 2010						0.3	0.5	0.5	0.5	
26	Vintage 2011							0.0	0.1	0.1	
27	Vintage 2012								0.0	0.0	
28	Vintage 2013									0.0	
29	Pre-2005 Amortizations	16.3	12.6	9.5	6.9	4.8	4.8	4.8	4.8	4.8	
30	Total Amortization	16.4	13.2	10.1	7.3	5.6	6.5	6.6	6.5	6.5	Calculated
31	ACCUM DEFERRED REVENUES, END OF YEAR BAL	60.7	54.4	40.5	34.2	40.4	41.6	35.8	29.4	23.2	Calculated
32	ACCUM DEFERRED REVENUES ASSOCIATED WITH TAXABLE C.I.A.C., AVERAGE FOR THE YEAR	67.0	57.6	47.5	37.3	37.3	41.0	38.7	32.6	26.3	Calculated

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Average Annual State Deferred Tax Balance
 All pre 2010 values are allocated recorded CAW amounts
 All post 2009 values are calculated based on current tax codes

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.8

Line No	Description	Recorded Years					Estimated Years				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	
1	BEGINNING OF YEAR BALANCE										
2	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
3	Plant Related	(644,411)	(666,331)	(652,995)	(678,650)	(739,552)	(1,106,083)	(1,064,223)	(1,025,557)	(1,010,773)	
4	C. I. A. C. Related	546,624	523,138	552,896	546,522	587,223	588,777	590,331	591,886	593,440	
5	Deferred Assets Related	19,221	18,001	16,875	15,748	14,622	13,495	12,369	11,243	10,117	
6	TOTAL	(78,566)	(125,191)	(83,224)	(116,380)	(137,707)	(503,811)	(461,522)	(422,429)	(407,216)	
7	ANNUAL CHANGE										
8	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
9	Plant Related	(21,920)	13,336	(25,655)	(60,902)	(366,531)	41,861	38,665	14,784	5,503	
10	C. I. A. C. Related	(23,486)	29,758	(6,375)	40,701	1,554	1,554	1,554	1,554	1,554	
11	Deferred Assets Related	(1,220)	(1,127)	(1,126)	(1,127)	(1,126)	(1,126)	(1,126)	(1,126)	(1,126)	
12	TOTAL	(46,625)	41,967	(33,156)	(21,327)	(366,104)	42,289	39,093	15,212	5,931	
13	END OF YEAR BALANCE										
14	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	
15	Plant Related	(666,331)	(652,995)	(678,650)	(739,552)	(1,106,083)	(1,064,223)	(1,025,557)	(1,010,773)	(1,005,270)	
16	C. I. A. C. Related	523,138	552,896	546,522	587,223	588,777	590,331	591,886	593,440	594,994	
17	Deferred Assets Related	18,001	16,875	15,748	14,622	13,495	12,369	11,243	10,117	8,990	
18	TOTAL	(125,191)	(83,224)	(116,380)	(137,707)	(503,811)	(461,522)	(422,429)	(407,216)	(401,285)	
19	AVERAGE ANNUAL STATE BALANCE	(101,879)	(104,208)	(99,802)	(127,044)	(320,759)	(482,666)	(441,975)	(414,822)	(404,251)	

Prior Mo. Ending Balance

Ln 2 thru Ln 5

RB-108 Defrd Tax WP

Net Change 2009

Net Change 2009

Ln 8 thru Ln 11

Ln 3 + Ln 9

Ln 4 + Ln 10

Ln 5 + Ln 11

Calculated

Calculated

CALIFORNIA AMERICAN WATER
VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
Calculation of Average Annual Federal Deferred Tax Balance
All pre 2010 values are allocated recorded CAW amounts
All post 2009 values are calculated based on current tax codes

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE:	9.9

Line No	Description	Recorded Years					Estimated Years					
		2005	2006	2007	2008	2009	2010	2011	2012	2013		
1	BEGINNING OF YEAR BALANCE											
2	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0	0	
3	Plant Related	(2,325,300)	(2,404,417)	(2,356,289)	(2,448,846)	(2,668,660)	(3,960,164)	(3,882,938)	(3,788,223)	(3,770,303)	Prior Mo Ending Balance	
4	C I A C Related	1,972,917	1,888,151	1,995,557	1,972,549	2,119,451	2,125,061	2,130,671	2,136,280	2,141,890		
5	Deferred Assets Related	69,375	64,972	60,907	56,842	52,775	48,710	44,645	40,580	36,515		
6	TOTAL	(283,008)	(451,294)	(299,826)	(419,455)	(496,433)	(1,786,392)	(1,707,622)	(1,611,363)	(1,591,897)	Ln 2 thru Ln 5	
7.	ANNUAL CHANGE											
8	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0		
9	Plant Related	(79,117)	48,128	(92,557)	(219,814)	(1,291,504)	77,226	94,715	17,921	49,210	RB-108 Defrd Tax WP	
10	C. I. A. C. Related	(84,766)	107,406	(23,008)	146,903	5,610	5,610	5,610	5,610	5,610	Net Change 2009	
11	Deferred Assets Related	(4,403)	(4,065)	(4,065)	(4,067)	(4,065)	(4,065)	(4,065)	(4,065)	(4,065)	Net Change 2009	
12.	TOTAL	(168,286)	151,469	(119,630)	(76,978)	(1,289,959)	78,770	96,259	19,465	50,754	Ln 8 thru Ln 11	
13	END OF YEAR BALANCE											
14	Regulatory Assets and Liabilities	0	0	0	0	0	0	0	0	0		
15	Plant Related	(2,404,417)	(2,356,289)	(2,448,846)	(2,668,660)	(3,960,164)	(3,882,938)	(3,788,223)	(3,770,303)	(3,721,093)	Ln 3 + Ln 9	
16	C. I. A. C. Related	1,888,151	1,995,557	1,972,549	2,119,451	2,125,061	2,130,671	2,136,280	2,141,890	2,147,500	Ln 4 + Ln 10	
17	Deferred Assets Related	64,972	60,907	56,842	52,775	48,710	44,645	40,580	36,515	32,450	Ln 5 + Ln 11	
18	TOTAL	(451,294)	(299,826)	(419,455)	(496,433)	(1,786,392)	(1,707,622)	(1,611,363)	(1,591,897)	(1,541,143)	Calculated	
19	AVERAGE ANNUAL FEDERAL BALANCE	(367,151)	(375,560)	(359,640)	(457,944)	(1,141,413)	(1,747,007)	(1,659,492)	(1,601,630)	(1,566,520)	Calculated	

CALIFORNIA AMERICAN WATER
 VENTURA WATER DISTRICT - 2010 GENERAL RATE CASE
 Calculation of Wgtd Avg Rate Base & Percent of Increase for Auth-Rec-Prop and Per Customer
 IN THOUSANDS 000s

FILED:	UPDATE
EXHIBIT:	A
CHAPTER:	9
TABLE	9.10

Line No	Description	RECORDED YEARS					ESTIMATED		TEST YEAR	Reference
		2005	2006	2007	2008	2009	2010	2011	2012	
1	Weighted Average Rate Base	21,388.0	21,843.4	23,484.1	26,920.8	31,156.1	32,054.2	33,076.9	37,453.5	Chapter 9 Table 1 & 2 Line 14 & 15
2	Average Customers	20,741	20,866	20,963	20,886	20,762	20,782	20,808	20,834	Rev & Prod Summary
3	Weighted Average Rate Base Per Avg. Customer	1.03	1.05	1.12	1.29	1.50	1.54	1.59	1.80	Ln 1 / Ln 2
4	Change in Weighted Average Rate Base	N/A	455.4	1,640.7	3,436.7	4,235.3	898.2	1,022.7	4,376.6	Difference in Ln Columns
5	Percent of Increase in Weighted Average Rate Base	N/A	2.13%	7.51%	14.63%	15.73%	2.88%	3.19%	13.23%	Ln 4 / Prior Yr Wgth Avg Rate Base
6	Percent of Incr. in Wgthd Avg Rate Base Per Customer	N/A	0.00010%	0.00036%	0.00070%	0.00076%	0.00014%	0.00015%	0.00064%	Ln 5 / Ln 2
							LAST AUTHORIZED 2008		LAST AUTHORIZED VS TEST YEAR	
7.	Last Authorized Weighted Average Rate Base						23,190.7		23,190.7	D 08-03-022
8	Last Authorized Average Customers						21,544		21,544	D 08-03-022
9	Last Auth. Weighted Average Rate Base Per Avg. Customer						1.08		1.1	Ln 7 / Ln 8
10	Change in Weighted Average Rate Base						N/A		14,262.8	Ln 1 - Ln 7
11	Percent of Increase in Weighted Average Rate Base						N/A		61.50%	Ln 10 / Ln 7
12.	Percent of Incr. in Wgthd Avg Rate Base Per Customer						N/A		0.00285%	Ln 11 / Ln 8

In accordance with authorization granted by the Executive Director of the California Public Utilities Commission ("Commission"), the rate design portion of California American Water Company's 2010 general rate case was filed separately on August 2, 2010 and is available on the Commission's website at <http://docs.cpuc.ca.gov/published/proceedings/A1007007.htm>

Please also see the notice of available attached hereto to obtain a copy.

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DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

Tables in this chapter contain information regarding various quantities California American Water proposes to be included in the final decision regarding this GRC application for the Ventura County District. Evidence supporting the various quantities is included in Exhibit A. The various proposed quantities are presented as follows:

Table 11.1 – This table contains information regarding the various requested quantities for taxes, uncollectible expenses, the net-to-gross multiplier and unaccounted for water proposed to be included in the determination of authorized water rates.

Table 11.2 – This table contains information about the average customers, by customer class and meter size proposed to be included in the determination of authorized water rates.

Table 11.3 – This table contains information about the average consumption, by customer class proposed to be included in the determination of authorized water rates.

Table 11.4 - This table contains information about the proposed quantities of water produced and purchased to be included in the determination of authorized water rates.

Table 11.5 - This table contains information about the proposed quantities of power purchases to be included in the determination of authorized water rates.

**CALIFORNIA-AMERICAN WATER COMPANY
VENTURA COUNTY (VILLAGE DISTRICT) - 2010 GENERAL RATE CASE
PROPOSED QUANTITIES - TAXES, UNCOLLECTIBLE, NET-TO-GROSS**

**FILED: FINAL
EXHIBIT: A
CHAPTER: 11
TABLE: 11.1**

	Rates	Reference
Franchise Taxes	0.00%	Ex A, Ch 2, Table 2.4
Uncollectible Expenses	0.6576%	Ex A, Ch 2, Table 2.4
State Taxes	8.84%	Ex A, Ch 2, Table 2.4
Federal Taxes	35.00%	Ex A, Ch 2, Table 2.4
Net-to-Gross Multiplier	1.7927	Ex A, Ch 2, Table 2.4

**CALIFORNIA-AMERICAN WATER COMPANY
VENTURA COUNTY (VILLAGE DISTRICT) - 2010 GENERAL RATE CASE
PROPOSED QUANTITIES - AVERAGE CUSTOMERS**

**FILED: FINAL
EXHIBIT: A
CHAPTER: 11
TABLE: 11.2**

Average Customers		2008			Reference
Metered		Authorized	2011	2012	
Residential		20,162	19,366	19,372	Ex A, Ch 3, Table 3.5
Commercial		786	811	823	
Public Authority		176	172	172	
Industrial		173	176	176	
Metered Construction		21	8	8	
Sub Total		21,318	20,525	20,543	
Private Fire		226	275	283	
Total		21,544	20,800	20,826	
Meter Sizes					
5/8"		17,473	16,890	16,896	See WP REV-200
3/4"		70	48	48	
1"		2,736	2,518	2,524	
1 1/2 "		238	247	247	
2"		646	692	698	
3"		48	46	46	
4"		68	66	66	
6"		16	16	16	
8"		2	2	2	
10"		0	0	0	
12"		0	0	0	
	TOTAL METERED	21,297	20,525	20,543	
Fire Services					
4"		28	62	62	See WP REV-200
6"		87	98	106	
8"		92	94	94	
10"		19	20	20	
12"			0	0	
	TOTAL	226	274	282	
GRAND TOTAL		21,523	20,799	20,825	

*Authorized from Decision 08-07-041

**CALIFORNIA-AMERICAN WATER COMPANY
VENTURA COUNTY (VILLAGE DISTRICT) - 2010 GENERAL RATE CASE
PROPOSED QUANTITIES - AVERAGE CONSUMPTION**

**FILED: FINAL
EXHIBIT: A
CHAPTER: 11
TABLE: 11.3**

Annual Average Consumption Per Connection (ccfs)

Metered	2008			Ref
	Adopted	2011	2012	
Residential	260.0	264.8	264.8	Ex A, Ch 3, Table 3.8
Commercial	1,709.0	1,536.3	1,536.3	
Public Authority	2,908.9	2,905.0	2,905.0	
Industrial	3,765.0	3,392.4	3,392.4	
Construction	1,265.7	602.2	602.2	
Fire	0.0	0.0	0.0	
Total Annual Consumption	7,777.9	7,476.0	7,496.0	Exh A, Ch 3, Table 3.14
Non-Revenue Water	39.7	518.4	518.4	Exh A, Ch 3, Table 3.14
Total Production	7,817.6	7,994.4	8,014.4	

CALIFORNIA-AMERICAN WATER COMPANY
 VENTURA COUNTY (VILLAGE DISTRICT) - 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - WATER PRODUCTION

FILED: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.4

	2008 Authorized	2011	2012	Reference
Water Production				
Purchased Water (Kccf)	8,253.6	7,994.4	8,014.4	See WP EXP-300
Purchased Water (AF)	18,947.6	18,352.7	18,398.7	
Purchased Water Quantities (ccf)				
Quantity - 90% of Base	16,457	16,457	16,457	See WP EXP-300
Rate	\$ 597.00	\$ 867	\$ 867	Calculated
Charges	\$9,825,068	\$14,272,837	\$14,266,415	
Quantity - 10% of Base	2,490	1,896	1,941.70	See WP EXP-300
Rate	\$ 693.00	\$ 1,322	\$ 1,291	Calculated
Charges	\$ 1,725,709	\$ 2,506,931	\$ 2,505,803	Calculated
Purchased Water Unit Costs				
Annual Meter Charge	\$ 1,139,424	\$ 1,222,488	\$ 1,222,488	
TOTAL PURCHASED WATER	\$12,690,200	\$18,002,254	\$17,994,704	Exh A, Ch 4, Table 4.3

*Adopted from D. 08-07-041

**CALIFORNIA-AMERICAN WATER COMPANY
 VENTURA COUNTY (VILLAGE DISTRICT) - 2010 GENERAL RATE CASE
 PROPOSED QUANTITIES - PURCHASED POWER**

**FILED: FINAL
 EXHIBIT: A
 CHAPTER: 11
 TABLE: 11.5**

	2008			
	Authorized	2011	2012	Reference
Purchased Power				
Total Cost	\$271,500	\$290,578	\$291,306	Ex. A, Ch 4, Table 4.3
Total Production (ccf)	8,253,586	7,994,392	8,014,416	See WP EXP-300
Cost per unit of Production	\$0.033	\$0.036	\$0.036	Calculated
	0.033	0.036	0.036	

1

12

2

DISCUSSION OF INFORMATION PRESENTED IN THIS CHAPTER

The information in this chapter describes the major differences between the Proposed and Final applications filed by California American Water to increase the general services rates of its Ventura County District customers.

No.	Description	Explanation of Change
1.	Cost of Capital Rate Case Expenses Omission in California Corporate	California Corporate Exhibit A – CC, Chapter 3, Table 1.2 was understated because of a formula error on Work Paper CC EXP 115 on page 29. The formula error accidentally omitted the Cost of Capital rate case expenses in the total rate case expenses. The error has been corrected and increased the 2012 and 2013 rate case request from \$2,329,200 to \$2,798,400. No change was made to testimony for this item.
2.	Group Insurance Escalation Rates	<p>After the filing of our proposed application, it was determined that the escalation of group insurance needed to be increased significantly in 2011 and increased to the industry trend of 8.2% in 2012 and 2013. The large increase was primarily attributable to the fact that American Water had not increased these costs on a per employee basis since 2007 due to excess cash in the group insurance trust. The excess cash was built up in part by a dependent audit which lowered claims. Beginning in 2011, all excess cash had been depleted so the Company needed to increase contributions to the group insurance trust to bring them in line with current group insurance costs.</p> <p>This change increased Exhibit A – CC, Chapter 2, Table 3.2, Employee Benefits line item for 2011, 2012 and 2013 for corporate employees. It also increased Exhibit A – CC, Chapter 3, Table 1.2, District Group Insurance, Net of Capital Credits for district employees. Finally, it also increased the Service Company budget which gets allocated in part to California American Water in Exhibit A – SC, Chapter 3, Section 1, Table 1. See the increased escalation percentages at Work Paper CC EXP 133, Page 48 in the California Corporate Work Papers and refer to Jeffrey Dana's direct testimony for additional explanation.</p>

**CALIFORNIA AMERICAN WATER
 VENTURA COUNTY DISTRICT – 2010 GENERAL RATE CASE
 COMPARISONS OF PROPOSED AND FINAL INFORMATION**

**EXHIBIT: A
 CHAPTER: 12**

No.	Description	Explanation of Change
3.	Direct Charge Percentages Reduced for Service Company	The direct charge percentages were reduced for certain Service Company functions where California American Water does not expect the same level of charges that occurred in 2009. The 3 functions were Business Development (reduced to 0%), Regulated Operations (reduced to 0%) and Operation Services (reduced to 3.21%). These adjustments were made to SC WP 102-105 and cause a decrease to the revenue requirement.
4.	Allocation Error for Service Company	The 2010 Service Company budget numbers included in the proposed application were allocated incorrectly. The final application corrects for this 2010 error in Work Papers SC WP 102, which is then escalated for 2011-2013 on SC WP 103-105. Correction of this error caused an increase to revenue requirement.
5.	Updated Escalation Percentages and Added 5 year Average Customer Growth	Escalation percentages were updated to use the percentages specified in the DRA April 2010 Escalation Memorandum Letters. The escalation percentages also factored in the 5 year average annual customer growth of 0.24%, as is permitted by Decision 04-06-018, which had not been factored in the proposed application. The calculation of this customer growth factor is shown in attachment 1 of the testimony of Patrick Pilz.
6.	Federal Income Taxes- Domestic Production Activities Deduction	The methodology used to compute the Domestic Production Activities Deduction (DPAD) has been modified to also incorporate a percentage for pumped water in determining qualified production activities income for purposes of calculating the deduction amount.
7.	Present Rates	Present rates revised to reflect rates expected to be in effect July 1, 2010.
8.	Labor	Two new Engineering positions were added and a vacancy was changed in CA Corporate's Labor calculation. The new positions and the vacancy change in the Engineering department are discussed in Mr. Mark Schubert's testimony.
9.	General	The change in forecasted consumption estimates causes changes in expense forecasts affected by production and sales volumes such as purchased power, purchased water and chemical expenses.

No.	Description	Explanation of Change
10.	Forecasted Consumption	Forecasted consumption estimates have been changed to reflect 2009 actual consumption per customer. This methodology applies for all metered customer classifications in the San Diego County, Los Angeles County, Larkfield District, Ventura County, and Sacramento County Service Areas.

Tables in this chapter contain comparisons of the major differences between the Proposed and Final applications filed by California American Water to increase the general water service rates of its Ventura (Village) District customers. Tables are also included to compare information between the Final Application and any adjusted application California American Water may be required to file. The comparisons are presented as follows:

Table 12.1 – This table compares Income Statement information between the Final and Proposed GRC applications and provides explanations of any significant differences.

Table 12.2 – This table compares Income Statement information between the Adjusted and Final GRC applications and provides explanations of any significant differences. This table would only be prepared and filed if California American Water is required to file an Adjusted GRC Application.

Table 12.3 – This table compares Rate Base information between the Final and Proposed GRC applications and provides explanations of any significant differences.

Table 12.4 - This table compares Rate Base information between the Adjusted and Final GRC applications and provides explanations of any significant differences. This table would only be prepared and filed if California American Water is required to file an Adjusted GRC Application.

**CALIFORNIA AMERICAN WATER
VENTURA (VILLAGE) DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE PROPOSED AND FINAL INCOME STATEMENTS (000's)**

**FILED: UPDATED
EXHIBIT: A
CHAPTER: 12
TABLE: 12.1**

2012 Operating Results

	As Filed In Final Application	As Filed In Proposed Application	Difference	Reason for Difference
Operating Revenues				
Water	\$32,568.9	\$32,610.4	(\$41.6)	See Explanation No. 7, 10
Operating Expenses				
Payroll	\$1,098.0	\$1,098.0	\$0.0	
Purchased Water	\$17,994.7	\$18,272.6	(\$277.9)	See Explanation No. 10
Purchased Power	\$291.3	\$295.7	(\$4.4)	See Explanation No. 10
Chemicals	\$0.1	\$0.1	\$0.0	
Uncollectibles	\$214.2	\$214.5	(\$0.3)	Due to Revenue Requirement Changes
Other Operating & Maint.	\$753.1	\$746.5	\$6.5	See Explanation No. 5
Insurance	\$5.5	\$5.4	\$0.1	See Explanation No. 5
Pension & Benefits	\$72.9	\$72.2	\$0.7	See Explanation No. 5
Outside Services	\$35.2	\$34.4	\$0.8	See Explanation No. 5
Other Admin & General	\$440.6	\$434.0	\$6.5	See Explanation No. 5
Rents	\$313.5	\$309.1	\$4.4	See Explanation No. 5
Subtotal	\$21,218.9	\$21,482.5	(\$263.5)	
Service Company	\$1,590.4	\$1,493.0	\$97.4	See Explanation No. 2, 3 & 4
California Corporate General Office	\$2,828.2	\$2,710.4	\$117.8	See Explanation No. 1, 2, & 8
Citizens Acquisition Premium	\$457.8	\$457.6	\$0.2	
Total Operating Expense	\$26,095.3	\$26,143.5	(\$48.1)	
Depreciation	\$1,912.1	\$1,912.1	\$0.0	
Ad Valorem Taxes	\$369.9	\$369.9	\$0.0	
Franchise Taxes	\$0.0	\$0.0	\$0.0	
Payroll Taxes	\$76.7	\$76.7	\$0.0	
Total Exp. Before Inc. Taxes	\$28,454.0	\$28,502.1	(\$48.1)	
Net Revenue Before Inc. Taxes	\$4,114.8	\$4,108.3	\$6.6	
State Income Taxes	\$238.3	\$237.8	\$0.5	
Federal Income Taxes	\$865.9	\$861.0	\$4.9	
Total Expenses	\$29,558.2	\$29,600.9	(\$42.7)	
Net Operating Revenue	\$3,010.6	\$3,009.5	\$1.2	
Rate Base	\$37,445.5	\$37,433.3	\$12.2	
Rate of Return	8.04%	8.04%	0.00%	

Additional Changes;

**CALIFORNIA AMERICAN WATER
VENTURA (VILLAGE) DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE ADJUSTED AND FINAL INCOME STATEMENTS (000's)**

**FILED: UPDATED
EXHIBIT: A
CHAPTER: 12
TABLE: 12.2**

2012 Operating Results

	As Filed In Adjusted/Update Application	As Filed In Final Application	Difference	Reason for Difference
Operating Revenues				
Water	\$32,662.9	\$32,568.9	\$94.0	
Operating Expenses				
Payroll	\$1,192.0	\$1,098.0	\$94.0	Southern Division labor allocation
Purchased Water	\$17,994.7	\$17,994.7	\$0.0	
Purchased Power	\$291.3	\$291.3	\$0.0	
Chemicals	\$0.1	\$0.1	\$0.0	
Uncollectibles	\$214.8	\$214.2	\$0.6	due to revenue requirement change
Other Operating & Maint.	\$753.1	\$753.1	\$0.0	
Insurance	\$5.5	\$5.5	\$0.0	
Pension & Benefits	\$45.9	\$72.9	(\$27.0)	Southern Division labor allocation
Outside Services	\$35.2	\$35.2	\$0.0	
Other Admin & General	\$440.6	\$440.6	\$0.0	
Rents	\$313.5	\$313.5	\$0.0	
Subtotal	\$21,286.5	\$21,218.9	\$67.6	
Service Company	\$1,590.4	\$1,590.4	\$0.0	
California Corporate General Of	\$2,847.3	\$2,828.2	\$19.1	401 & DCP offset by group ins. change
Citizens Acquisition Premium	\$457.8	\$457.8	\$0.0	
Total Operating Expense	\$26,182.0	\$26,095.3	\$86.6	
Depreciation	\$1,912.1	\$1,912.1	\$0.0	
Ad Valorem Taxes	\$369.9	\$369.9	\$0.0	
Franchise Taxes	\$0.0	\$0.0	\$0.0	
Payroll Taxes	\$83.1	\$76.7	\$6.5	Southern Div labor allocation
Total Exp. Before Inc. Taxes	\$28,547.1	\$28,454.0	\$93.1	
Net Revenue Before Inc. Taxes	\$4,115.7	\$4,114.8	\$0.9	
State Income Taxes	\$238.3	\$238.3	\$0.0	
Federal Income Taxes	\$866.1	\$865.9	\$0.2	
Total Expenses	\$29,651.5	\$29,558.2	\$93.3	
Net Operating Revenue	\$3,011.3	\$3,010.6	\$0.7	
Rate Base	\$37,453.5	\$37,445.5	\$8.0	
Rate of Return	8.04%	8.04%	0.00%	

Additional Changes;

**CALIFORNIA AMERICAN WATER
VENTURA (VILLAGE) DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE PROPOSED AND FINAL RATE BASE (000's)**

**FILED: UPDATED
EXHIBIT: A
CHAPTER: 12
TABLE: 12.3**

2012 Operating Results

	As Filed In Final Application	As Filed In Proposed Application	Difference	Reason for Difference
Weighted Average UPIS	\$88,691.7	\$88,691.7	\$0.0	
Add:				
Materials & Supplies	\$53.7	\$52.5	\$1.2	
Working Cash - Operational	\$4,189.6	\$4,189.6	\$0.0	
Working Cash - Lead Lag	\$802.0	\$791.0	\$11.0	Due to Operating Expense Changes
SUBTOTAL	<u>\$93,737.0</u>	<u>\$93,724.8</u>	<u>\$12.2</u>	
Deduct:			\$0.0	
Weighted Average Depreciation Reserve	(\$32,145.3)	(\$32,145.3)	\$0.0	
Advances for Construction	(\$5,712.3)	(\$5,712.3)	\$0.0	
Unamortized Advances		\$0.0	\$0.0	
Contributions	(\$16,417.4)	(\$16,417.4)	\$0.0	
Unamortized Contributions		\$0.0	\$0.0	
Deferred Federal Income Taxes	(\$1,601.6)	(\$1,601.6)	\$0.0	
Deferred State Income Taxes	(\$414.8)	(\$414.8)	\$0.0	
SUBTOTAL	<u>(\$56,291.5)</u>	<u>(\$56,291.5)</u>	<u>\$0.0</u>	
General Office Allocation	\$0.0	\$0.0	\$0.0	
Weighted Average Rate Base	<u>\$37,445.5</u>	<u>\$37,433.3</u>	<u>\$12.2</u>	

**CALIFORNIA AMERICAN WATER
VENTURA (VILLAGE) DISTRICT - 2010 GENERAL RATE CASE
COMPARATIVE ADJUSTED AND FINAL RATE BASE (000's)**

**FILED: UPDATED
EXHIBIT: A
CHAPTER: 12
TABLE: 12.4**

2012 Operating Results

	As Filed In Adjusted/Update Application	As Filed In Final Application	Difference	Reason for Difference
Weighted Average UPIS	\$88,691.7	\$88,691.7	\$0.0	
Add:				
Materials & Supplies	\$53.7	\$53.7	\$0.0	
Working Cash - Operational	\$4,189.6	\$4,189.6	\$0.0	
Working Cash - Lead Lag	\$810.0	\$802.0	\$8.0	lag day change/divisional changes
SUBTOTAL	\$93,745.0	\$93,737.0	\$8.0	
Deduct:				
Weighted Average Depreciation Rese	-\$32,145.3	(\$32,145.3)	\$0.0	
Advances for Construction	-\$5,712.3	(\$5,712.3)	\$0.0	
Unamortized Advances	\$0.0	\$0.0	\$0.0	
Contributions	-\$16,417.4	(\$16,417.4)	\$0.0	
Unamortized Contributions	\$0.0	\$0.0	\$0.0	
Deferred Federal Inc Taxes	-\$1,601.6	(\$1,601.6)	\$0.0	
Deferred State Inc Taxes	-\$414.8	(\$414.8)	\$0.0	
SUBTOTAL	-\$56,291.5	(\$56,291.5)	\$0.0	
General Office Allocation	\$0.0	\$0.0	\$0.0	
Weighted Average Rate Base	\$37,453.5	\$37,445.5	\$8.0	

**CALIFORNIA
CORPORATE**

**CALIFORNIA AMERICAN WATER
2010 GENERAL RATE CASE
TABLE OF CONTENTS
EXHIBIT A
CALIFORNIA CORPORATE**

CHAPTER	TABLES	EXHIBIT DESCRIPTION
Chapter 1		SUMMARY OF TOTAL REVENUE REQUIREMENT
	Chapter Introduction	Overview of California Corporate History
	Table 1	Summary of Auth-Rec-Prop California Corporate Costs
	Table 2	Primary California Corporate Cost Increases
Chapter 2		CALIFORNIA CORPORATE COSTS TRADITIONALLY INCLUDED IN GENERAL OFFICE
	Chapter Introduction	Overview of California Corporate Present Operations
	Table 1	Allocation of California Corporate Costs to Districts (Auth-Rec-Prop)
	Table 2	Return on Rate Base (Auth-Rec-Prop)
	Table 3	Total Operating Expenses (Auth-Rec-Prop)
	Table 4	Escalation of Costs for 2010 and 2011
	Table 5	Number of Employees per 1000 Customers and Percent of Change (Auth-Rec-Prop)
	Table 6	Total Payroll per 1000 Customers and Percent of Change (Auth-Rec-Prop)
	Table 7	Total Capitalized Payroll per 1000 Customers and Percent of Change (Auth-Rec-Prop)
	Table 8	Total O&M Payroll Expense per 1000 Customers and Percent of Change (Auth-Rec-Prop)
	Table 9	Management Employees per 1000 Customers and Percent of Change (Auth-Rec-Prop)
Chapter 3		CALIFORNIA CORPORATE COSTS TRADITIONALLY INCLUDED IN DISTRICTS
	Chapter Introduction	Overview of California Corporate Costs Traditionally included in Districts
	Table 1	Details of O&M Expenses per 1000 Customers (Auth-Rec-Prop)
	Table 2	O&M Expenses per 1000 Customers by Operating District (Auth-Rec-Prop)
	Table 2.3	2012 Summary of Chapter 3 O&M Expenses - By District (Auth-Rec-Prop)
	Table 3	Allocation of Forecasted Group Insurance Costs
	Table 4	Allocation of General Liability Insurance
	Table 5	Allocation of Forecasted Workers Compensation Costs
	Table 6	Allocation of Forecasted Property Insurance Costs
	Table 7	Allocation of Forecasted District OPEB Costs
	Table 8	Allocation of Forecasted California Corporate OPEB Costs
	Table 9	Allocation of Forecasted District Pension Costs
	Table 10	Allocation of Forecasted California Corporate Pension Costs
	Table 11	Allocation of Forecasted District Postage Costs
	Table 12	Allocation of Forecasted Rate Case Expenses
	Table 13	Labor Capitalization Rates
	Table 14	Allocation Factors
Chapter 4		CITIZEN'S ACQUISITION PREMIUM
	Chapter Introduction	Overview of Citizen's Acquisition Premium
	Table 1	Citizen's Acquisition Premium (Auth-Rec-Prop)
	Table 2	Allocation of Citizen's Acquisition Premium
	Table 3	Allocation of Citizen's Acquisition Premium

EXHIBIT A

1

DISCUSSION OF INFORMATION SHOWN IN THIS SECTION

This section provides a brief history of how certain professional services have been provided to the operating districts of California American Water by Service Company and the California Corporate function employees. This information will enable the Commission and parties reviewing the proposed California Corporate function expenses to understand the cost impacts that changes in general external business practices, increased customer demands, evolving water quality regulations, droughts, etc. have had upon the American Water organizational structure necessary to cost-effectively provide historical services. While these changes have had a positive impact on the cost-effective delivery of services, additional costs have been incurred to invest in employees with the necessary skill sets and the equipment needed for each service.

Operating History

Through its large and national business footprint, American Water Works Company, Inc. (American Water) has been able to pass on to California American Water and other American Water operating companies economies of scale for certain professional services that could not be achieved on a stand-alone basis. To a significant degree, these economies were produced by employing and retaining professionals with specialized technical skills in the operation of water and wastewater systems and spreading the cost of those professionals across the customer base of all of American Water companies. These professionals were employed, trained and retained by an American Water subsidiary, American Water Works Service Company (Service Company) to be used on an as-needed and at-cost basis to supplement the skill sets of California American employees and other American Water companies providing service to customers on a day-to-day basis.

Since the last Commission review of the cost of certain services, American Water has re-organized to recognize that certain Service Company employees, especially those located in California offices, were dedicating all or substantially all of their time to California American Water.

The re-organization was also driven by the fact that California American and other American Water operating companies recognized the need to have employees that focused all their attention to meeting customer demands in each state rather than have service provided by employees with multi-state responsibilities. As a result of this most recent re-organization, costs for six former Service Company employees were transferred from Service Company costs to the California Corporate function costs. Most importantly, California Corporate function employees are located in California and better able to focus on meeting customer demands in California.

As part of this re-organization, California American recognized certain employees within its operating districts had skill that could benefit customers in other California American operating districts. Eleven of these employees (four administrative and seven engineers) were transferred to the California Corporate function and now have responsibility for all California American operating districts.

These changes were the result of much thought and management consideration. Employees are now categorized in the appropriate entity and their costs are being allocated to the customers that benefit from their services. Reassigning these employees to the California Corporate function is the primary reason for the increase in the number of employees and their respective costs for the California Corporate function since these costs were last reviewed by the Commission.

The presentation of California Corporate function costs are organized into 4 components as follows:

- Chapter 2: Costs traditionally requested as part of General Office costs which included the costs of California Corporate function employees, depreciation and return on the Rate Base of the California Corporate function. Depreciation expense and rate base are calculated as part of Chapter 7 – 9 of Exhibit A.
- Chapter 3: Costs traditionally requested as part of district general rate cases that are now being requested as part of California Corporate function costs. These costs include Pension, Other Post-Employment Benefits (OPEB), Group Insurance for District Employees, General Liability Insurance, Workers' Compensation Insurance, Property Insurance, Postage Costs and Rate Case expenses.
- Chapter 4: Costs traditionally requested as part of the recovery of the Citizen's acquisition premium are included as part of California Corporate function to facilitate cost allocation.

The information presented in this exhibit (Exhibit A-CC) and the information regarding requested Service Company costs shown in Exhibit A-SC will facilitate compilation and review of all such costs in one centralized location and allow a more efficient process going forward.

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
SUMMARY OF REQUESTED REVENUE REQUIREMENT AND RATE BASE CHANGES
TABLE OF KEY COST COMPONENTS
AUTHORIZED - RECORDED - PROPOSED**

**FILING: FINAL
EXHIBIT: A-CC
CHAPTER: 1
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	<u>Last Test Year Authorized</u> 2009	<u>Last Recorded Year</u> 2009	<u>Proposed Test Year</u> 2012	<u>Proposed Year</u> 2013	<u>Ref.</u>
		Note 1	Note 2	Note 3	
Total Revenue Requirements	16,757	25,761	30,148	29,731	
Rate Base - Dollars	1,270	4,393	11,861	13,429	ExA-CC Ch2 T2
Rate Base - Percent	N/A	246%	834%	13%	
Revenue Requirement (Traditionally Cal Corp) - Dollars	3,558	8,596	11,784	12,329	ExA-CC Ch2 T1
Revenue Requirement (Traditionally Cal Corp) - Percent	N/A	142%	231%	5%	
Operating Expenses (Traditionally District) - Dollars	8,727	12,674	14,283	13,457	ExA-CC Ch3 T1
Operating Expenses (Traditionally District) - Percent	N/A	45%	64%	-6%	
Citizen's Purchase Premium - Dollars	4,471	4,491	4,081	3,945	ExA-CC Ch4 T1
Citizen's Purchase Premium - Percent	N/A	0%	-9%	-3%	
Rate of Return	8.04%	8.04%	8.04%	8.04%	

Note 1: Calculation for Percent is: = (Last Recorded 2009 - Last Authorized 2009) / Last Authorized 2009

Note 2: Calculation for Percent is: = (Proposed 2012 - Last Authorized 2009) / Last Authorized 2009

Note 3: Calculation for Percent is: = (Proposed 2013 - Proposed 2012) / Proposed 2012

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
PRIMARY GENERAL OFFICE COST INCREASES**

**FILING: FINAL
EXHIBIT: A-CC
CHAPTER: 1
TABLE: 2**

	<u>Last Authorized Costs</u> 2009	<u>Proposed Costs</u> 2012	<u>Revenue Requirement Impact</u>	<u>Ref.</u>
<u>Primary Cost Increases</u>			Note 1	
Cal Corp Labor - PUC Account 791 Primarily due to transfers from Service Company and Districts to Cal Corp. and new positions	4,513	8,401	3,888	ExA-CC Ch2 T3
Pension (Traditionally requested as part of Districts) Due to Investment Performance of Pension Assets	1,672	4,387	2,714	ExA-CC Ch3 T1
Rate Case Expenses Due to recovery of 2010 and 2013 rate case expenses during transition period.	1,242	2,798	1,556	ExA-CC Ch3 T1
Misc General Expenses - PUC Account 799 Employee misc. and travel expenses for increased Corp. staffing. Prior case based on very low Cal Corp Staffing.	454	1,332	878	ExA-CC Ch2 T3
Increase in Rate Base due to Business Transformation Initiative to update software.				
Rate Base	<u>1,270</u>	<u>11,861</u>	<u>10,591</u>	ExA-CC Ch2 T2
Pre Tax Rate of Return			<u>11.26%</u>	
Requested Increase In Return			<u>1,193</u>	
Requested Increase in depreciation	487	0	<u>(487)</u>	ExA-CC Ch2 T2
Revenue Requirement increase due to Utility Plant			<u>705</u>	

Note 1: Calculation for Revenue Impact is: = Proposed 2012 - Last Authorized 2009

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This section contains information about the present operating responsibilities and services provided by employees of various subsidiaries within American Water to enhance the day-to-day operation of the operating districts of California American Water and other American Water subsidiaries.

General Office Personnel

General Office services cover many administrative and specialized functions necessary for the successful operation of any regulated water or wastewater service provider. These functions include, but are not limited to Finance, Human Resources, Engineering and Water Quality, Call Center, Legal and similar services.

General office personnel are located in the American Water Service Company and California American Water's corporate office. California American Water's corporate office employs experts in several disciplines that provide General Office services to California American Water only rather than the national focus of most of the Service Company employees. These employees are hired into the California Corporate Office business unit of California American Water.

California American Water General Office Employees

California American Water employs personnel in its California Corporate entity that provide General Office services for the various operating districts of the Company. These employees are located in Coronado, Los Angeles and Sacramento, California.

The employees located in Coronado, California occupy office space leased from a third party. The General Office employees in Los Angeles and Sacramento utilize office space in offices owned by California American Water as recorded on the books of certain operating districts or other regulated subsidiaries of American Water.

Certain employees have been moved from Districts and Service Company positions to California Corporate positions to better meet the needs of the California American Water and its customers. This is discussed further in Jeffrey Dana's testimony.

Cost Allocations

Costs associated with California American Corporate Office employees providing services to California American Water have been allocated to the various districts based on the number of customers for purposes of this rate case. These allocations include a return on rate base and depreciation of California Corporate assets.

Tables included with this Chapter of Exhibit A contain information about authorized, recorded and proposed costs for California American Water to continue to provide the numerous General Office services required for the successful daily operation of the various districts of California American Water.

Changes due to New Statewide Rate Case

Because California American Water is filing a Statewide Rate Case, certain costs had traditionally been included in district cases but will now be included in General Office. This case keeps these costs separated for comparison purposes and they are located in Chapter 3. The costs now being requested as General Office but were traditionally requested as district expenses include district group insurance, general liability insurance, workers' compensation insurance, property insurance, other post-employment benefits, pension, postage, rate case expenses and the Citizen's acquisition premium recovery.

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
ALLOCATION OF CALIFORNIA CORPORATE COSTS TO DISTRICTS
AUTHORIZED - RECORDED - PROPOSED**

**FILING: FINAL
EXHIBIT: A-CC
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RECORDED YEARS				
2005	2006	2007	2008	2009

Line	No.	Description	2005	2006	2007	2008	2009
Ref.	1.	SUMMARY					
ExA-CC Ch2 T3	2.	California Corp Function	2,362.4	1,885.3	4,182.1	8,070.4	8,102.9
ExA-CC Ch2 T2	3.	Return on Rate Base	522.0	732.0	648.7	361.4	484.6
CC Exp 126	4.	General Taxes	6.6	4.4	4.5	(3.7)	8.4
	5.	TOTAL	2,891.0	2,621.7	4,835.3	8,428.2	8,595.9

	California Districts	Allocation %		2005	2006	2007	2008	2009
		2005-2009	2012					
	Coronado	12.22%	12.12%	353.3	320.4	590.9	1,029.9	1,050.4
ExA Ch3 T14	Los Angeles	16.30%	16.19%	471.2	427.3	788.2	1,373.8	1,401.2
ExA Ch3 T14	Village	12.35%	12.08%	357.0	323.8	597.2	1,040.9	1,061.6
ExA Ch3 T14	Toro		0.24%	0.0	0.0	0.0	20.2	20.6
ExA Ch3 T14	Monterey Wastewater	1.32%	1.51%	38.2	34.6	63.8	111.3	113.5
ExA Ch3 T14	Monterey	23.55%	23.18%	680.8	617.4	1,138.7	1,964.6	2,003.7
ExA Ch3 T14	Sacramento	32.88%	33.28%	950.6	862.0	1,589.8	2,771.2	2,826.3
ExA Ch3 T14	Larkfield	1.38%	1.41%	39.9	36.2	66.7	116.3	118.6
	Total	100.00%	100.00%	2,891.0	2,621.7	4,835.3	8,428.2	8,595.9

all \$ values in thousands of dollars

Note 1: Last authorized excludes \$334,200 authorized in case but left out of revenue requirement accidentally.

Note 2: 2009 Recorded property taxes were reduced \$61.5 thousand for Coronado taxes incorrectly charged to Corporate.

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF CALIFORNIA CORPORATE COSTS TO DISTRICTS
 AUTHORIZED - RECORDED - PROPOSED**

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Line No. Description	ESTIMATED				LAST AUTHORIZED TEST YEAR
	2010	2011	2012	2013	2009

Ref.		2010	2011	2012	2013	2009
	1. SUMMARY					
ExA-CC Ch2 T3	2. California Corp Function	9,266.0	9,758.0	10,395.4	10,766.3	3,418.1
ExA-CC Ch2 T2	3. Return on Rate Base	597.8	1,054.7	1,335.5	1,512.1	140.1
CC Exp 126	4. General Taxes	3.0	(0.7)	53.1	50.9	0.0
	5. TOTAL	9,866.8	10,812.0	11,784.0	12,329.2	3,558.2

California Districts	Allocation %		2010	2011	2012	2013	2009 Last Authorized
	2005-2009	2012	9,866.8	10,812.0	11,784.0	12,329.2	3,558.2
ExA Ch3 T14 Coronado	12.22%	12.12%	1,195.4	1,309.9	1,427.6	1,493.7	434.8
ExA Ch3 T14 Los Angeles	16.30%	16.19%	1,597.1	1,750.1	1,907.4	1,995.6	580.0
ExA Ch3 T14 Village	12.35%	12.08%	1,192.3	1,306.5	1,424.0	1,489.9	439.4
ExA Ch3 T14 Toro		0.24%	23.5	25.8	28.1	29.4	0.0
ExA Ch3 T14 Monterey Wastewater	1.32%	1.51%	149.4	163.7	178.4	186.6	47.0
ExA Ch3 T14 Monterey	23.55%	23.18%	2,286.7	2,505.8	2,731.1	2,857.4	838.0
ExA Ch3 T14 Sacramento	32.88%	33.28%	3,283.4	3,598.0	3,921.5	4,102.9	1,169.9
ExA Ch3 T14 Larkfield	1.38%	1.41%	139.0	152.3	166.0	173.6	49.1
Total	100.00%	100.00%	9,866.8	10,812.0	11,784.0	12,329.2	3,558.2

all \$ values in thousands of dollars

Note 1: Last authorized excludes \$334,200 authorized in case but left out of revenue
 Note 2: 2009 Recorded property taxes were reduced \$61.5 thousand for Coronado ta:

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 RETURN ON RATE BASE
 AUTHORIZED - RECORDED - PROPOSED**

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Ref.	Return on Rate Base	Allocation %		2005	2006	2007	2008	2009	2010	2011	2012	2013	2009 Last Authorized
		2005-2009	2012										
ExA-CC Ch9 T9.2	Weighted Average Rate Base			4,732.6	6,636.8	5,881.5	3,276.9	4,393.3	5,309.1	9,366.9	11,860.7	13,428.9	1,269.9
	Pre-tax Cost of Capital			11.03%	11.03%	11.03%	11.03%	11.03%	11.26%	11.26%	11.26%	11.26%	11.03%
	Rate Base Return			522.0	732.0	648.7	361.4	484.6	597.8	1,054.7	1,335.5	1,512.1	140.1
	California Total			522.0	732.0	648.7	361.4	484.6	597.8	1,054.7	1,335.5	1,512.1	140.1

all \$ values in thousands of dollars

CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 TOTAL OPERATING EXPENSES
 AUTHORIZED - RECORDED - PROPOSED

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RECORDED				
2005	2006	2007	2008	2009

Line No.	Description		2005	2006	2007	2008	2009
Ref	1. SUMMARY	PUC Acct.					
CC EXP 100	2. Cust. Accts. - Records & Collect. & Misc.	773	23.0	22.1	22.4	19.1	125.5
CC EXP101	3. Customer Accounts - Miscellaneous	774	243.8	410.9	502.9	431.8	653.3
CC EXP102	4. Customer Accounts - Misc. Invoices Uncollecti	775	0.0	14.6	(0.2)	4.3	10.8
CC EXP103	5. Labor	791	842.0	488.9	2,157.7	4,201.6	5,143.3
CC EXP104	6. Office Supplies & Other Expenses	792	48.6	80.6	95.8	91.3	113.3
CC EXP107	7. Employee Benefits	795	64.8	(100.1)	133.3	642.4	1,158.0
CC EXP108	8. Depreciation Study Amortization	797	0.0	0.0	0.0	0.0	0.0
CC EXP109	9. Outside Services	798	221.1	433.5	582.7	437.9	729.1
CC EXP110	10. Miscellaneous General Expense	799	431.4	598.9	877.8	2,394.9	1,146.4
CC EXP111	11. General Plant	805	95.7	109.1	84.2	100.4	96.0
CC EXP112	12. Rents	811	5.0	3.4	5.9	409.6	510.9
ExA Ch8 T8.4	13. Depreciation Expense		650.6	359.0	388.6	793.1	763.5
CC EXP 107	14. Less Amounts Capitalized		263.7	535.8	668.9	1,455.8	2,347.4
	15. TOTAL OPERATING EXPENSES		2,362.4	1,885.3	4,182.1	8,070.4	8,102.9
	16. Operating and Maintenance Expense per customer (in thousands of dollars per customer)		0.014	0.011	0.024	0.047	0.047
	all \$ values in thousands of dollars						
	customers		169,720	170,694	171,343	171,592	171,359

Note Last authorized labor excludes \$334,200 authorized in case but left out of revenue requirement accidentally.

CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 TOTAL OPERATING EXPENSES
 AUTHORIZED - RECORDED - PROPOSED

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Line No. Description	ESTIMATED				LAST AUTHORIZED TEST YEAR
	2010	2011	2012	2013	2009

Ref.	1. <u>SUMMARY</u>						Method of Forecasting
CC EXP 100	2. Cust. Accts. - Records & Collect. & Misc.	126.9	129.5	132.9	136.6	27.5	2009 inflated
CC EXP101	3. Customer Accounts - Miscellaneous	689.4	703.8	722.2	742.3	132.5	5 year ave, except as shown on WP
CC EXP102	4. Customer Accounts - Misc. Invoices Uncollect	6.2	6.3	6.5	6.6	0.0	5 year ave
CC EXP103	5. Labor	7,665.9	8,031.4	8,401.1	8,649.6	4,513.1	2010 salaries escalated
CC EXP104	6. Office Supplies & Other Expenses	115.7	118.1	121.2	124.6	120.4	5 year ave
CC EXP107	7. Employee Benefits	1,261.7	1,493.4	1,589.8	1,689.0	699.9	5 year ave, except as shown on WP
CC EXP108	8. Depreciation Study Amortization	0.0	0.0	10.0	10.0	0.0	Forecasted
CC EXP109	9. Outside Services	736.8	752.1	771.8	793.3	105.0	2009 inflated
CC EXP110	10. Miscellaneous General Expense	1,277.3	1,303.5	1,331.8	1,368.8	453.8	5 year ave, except as shown on WP
CC EXP111	11. General Plant	102.4	104.5	107.3	110.3	106.5	5 year ave
CC EXP112	12. Rents	429.0	508.7	532.2	556.9	348.4	Based on actual leases
ExA Ch8 T8 4	13. Depreciation Expense	337.8	340.4	604.1	662.9	487.5	Based on projected spend
CC EXP 107	14. Less Amounts Capitalized	3,483.1	3,733.7	3,925.5	4,074.6	3,089.1	Based on individual cap rates
	15. TOTAL OPERATING EXPENSES	9,266.0	9,758.0	10,395.4	10,766.3	3,905.6	
	16. Operating and Maintenance Expense per c (in thousands of dollars per customer)	0.054	0.057	0.060	0.062	0.023	
	all \$ values in thousands of dollars customers	171,913	172,173	172,406	172,607	171,602	
Note	Last authorized labor excludes \$334,200 authorized in case but l						

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 NUMBER OF EMPLOYEES PER 1000 CUSTOMERS AND PERCENT OF CHANGE
 AUTHORIZED - RECORDED - PROPOSED**

**FILING: FINAL
 EXHIBIT: A-CC
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	Last Test Year Authorized	Last Recorded 5 Years					Proposed Test Year	Percent Increase	Percent Increase
	2009	2005	2006	2007	2008	2009	2012		
	= Total CAL CORP Employees / 000's Customer	= Total CAL CORP Employees / 000's Customer	= Total CAL CORP Employees / 000's Customer	= Total CAL CORP Employees / 000's Customer	= Total CAL CORP Employees / 000's Customer	= Total CAL CORP Employees / 000's Customer	= Total CAL CORP Employees / 000's Customer	= (Recorded 2009- Authorized 2009) / Authorized 2009	=(Proposed Test Year 2012 - Authorized 2009)/Authorized 2009
California CorporateFunction	39	2	10	26	45	62	70	58.97%	79.49%
Total California Corp Employees	39	2	10	26	45	62	70	58.97%	79.49%
Total Customers (000's)	172	170	171	171	172	171	172		
Employees per 1,000 Customers	0.23	0.01	0.06	0.15	0.26	0.36	0.41	13.34%	44.02%

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 TOTAL PAYROLL PER 1000 CUSTOMERS AND PERCENT OF CHANGE
 AUTHORIZED - RECORDED - PROPOSED**

**FILING: FINAL
 EXHIBIT: A-CC
 CHAPTER: 2
 TABLE: 6**

	<u>Last Test Year Authorized</u>	<u>Last Recorded 5 Years</u>					<u>Proposed Test Year</u>	<u>Percent Increase</u>	<u>Percent Increase</u>
	2009	2005	2006	2007	2008	2009	2012		
	= Total Payroll / 000's Customer	= Total Payroll / 000's Customer	= Total Payroll / 000's Customer	= Total Payroll / 000's Customer	= Total Payroll / 000's Customer	= Total Payroll / 000's Customer	= Total Payroll / 000's Customer	= (Recorded 2009- Authorized 2009) / Authorized 2009	=(Proposed Test Year 2012 - Authorized 2009)/Authorized 2009
Total Payroll Expense	4,300	1,456	487	3,428	6,949	7,711	12,578	79.33%	192.52%
Total Customers ('000's)	172	170	171	171	172	171	172		
Cal Corp Payroll Expense per Thousand Customers	25	9	3	20	40	45	73	79.58%	191.16%

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
TOTAL CAPITALIZED PAYROLL PER 1000 CUSTOMERS AND PERCENT OF CHANGE
AUTHORIZED - RECORDED - PROPOSED**

**FILING: FINAL
EXHIBIT: A-CC
CHAPTER: 2
TABLE: 7**

	Last Test Year Authorized	Last Recorded 5 Years					Proposed Test Year	Percent Increase	Percent Increase
	<u>2009</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2012</u>		
	= Total Capital Payroll / 000's Customer	= Total Capital Payroll / 000's Customer	= Total Capital Payroll / 000's Customer	= Total Capital Payroll / 000's Customer	= Total Capital Payroll / 000's Customer	= Total Capital Payroll / 000's Customer	= Total Capital Payroll / 000's Customer	= (Recorded 2009- Authorized 2009) / Authorized 2009	=(Proposed Test Year 2012 - Authorized 2009)/Authorized 2009
Total Payroll Expense	1,758	595	199	1,401	2,841	3,152	5,815	79.33%	230.84%
Total Customers ('000's)	172	170	171	171	172	171	172		
Capital Payroll Expense per Thousand Customers	10	4	1	8	17	18	34	79.58%	229.29%

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
TOTAL O&M PAYROLL EXPENSE PER 1000 CUSTOMERS AND PERCENT OF CHANGE
AUTHORIZED - RECORDED - PROPOSED**

**FILING: FINAL
EXHIBIT: A-CC
CHAPTER: 2
TABLE: 8**

	Last Test Year Authorized	Last Recorded 5 Years					Proposed Test Year	Percent Increase	Percent Increase
	<u>2009</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2012</u>		
	= Total Payroll Expense / 000's Customer	= Total Payroll Expense / 000's Customer	= Total Payroll Expense / 000's Customer	= Total Payroll Expense / 000's Customer	= Total Payroll Expense / 000's Customer	= Total Payroll Expense / 000's Customer	= Total Payroll Expense / 000's Customer	= (Recorded 2009- Authorized 2009) / Authorized 2009	= (Proposed Test Year 2012 - Authorized 2009)/Authorized 2009
Total Payroll Expense	2,542	861	288	2,027	4,108	4,559	6,763	79.33%	166.03%
Total Customers ('000's)	172	170	171	171	172	171	172	-0.14%	0.47%
O&M Expense per Thousand Customers	15	5	2	12	24	27	39	79.58%	164.79%

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 MANAGEMENT EMPLOYEES PER 1000 CUSTOMERS AND PERCENT OF CHANGE
 AUTHORIZED - RECORDED - PROPOSED**

**FILING: FINAL
 EXHIBIT: A-CC
 CHAPTER: 2
 TABLE: 9**

	Last Test Year Authorized	Last Recorded 5 Years					Proposed Test Year	Percent Increase	Percent Increase
	<u>2009</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2012</u>		
	= Total CAL CORP Mgmt Employees / 000's Customer	= Total CAL CORP Mgmt Employees / 000's Customer	= Total CAL CORP Mgmt Employees / 000's Customer	= Total CAL CORP Mgmt Employees / 000's Customer	= Total CAL CORP Mgmt Employees / 000's Customer	= Total CAL CORP Mgmt Employees / 000's Customer	= Total CAL CORP Mgmt Employees / 000's Customer	= (Recorded 2009- Authorized 2009) / Authorized 2009	= (Proposed Test Year 2012 - Authorized 2009)/Authorized 2009
Total Management Employees	10	-	2	5	10	18	19	80.00%	90.00%
Total Customers (000's)	172	170	171	171	172	171	172		
Management Employees per Thousand Customers	0.06	0.00	0.01	0.03	0.06	0.11	0.11	80.26%	89.11%

3

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This section contains information about the costs that were traditionally requested with district cases that have been included as part of California Corporate Function costs in this presentation. The costs that were traditionally requested in the districts are as follows:

- General Liability Insurance, Workers' Compensation Insurance, and Property Insurance
- Pension and Other Post-Employment Benefits (OPEB) for all California American Water employees
- Group Insurance for District Employees (Group insurance for corporate employees has traditionally been requested as part of general office and therefore is in Ch. 2)
- Postage Costs
- Rate Case Expense

This case keeps the above costs separated for comparison purposes and they are located in Chapter Three. Table One of Chapter Three provides a summary of recorded, proposed and authorized amounts for these costs. The last authorized amounts come from different years since each district had different last authorized test years.

Chapter Three Table Two shows the total allocation to each of the districts for these costs that were traditionally requested as part of districts. These amounts are listed on the expense summary for each district and the Summary of Earnings for comparison purposes. Chapter Two A shows the summary of how these amounts were calculated which is pulls district allocations from Tables Three through Twelve.

Cost Allocations

Costs associated with California Corporate Function employees have been allocated to the various operating districts based on the most appropriate cost driver as explained below.

- Group insurance for district employees is allocated by number of employees in Chapter Three Table Three. Group insurance for corporate employees has traditionally been requested as part of general office and therefore is in Ch. Two.
- General liability insurance is allocated by number of customers in each district in Chapter Three Table Four.

- Workers' compensation insurance is allocated by total payroll dollars for each district in Chapter Three Table Five. Workers' Compensation is also reduced by each districts capitalization rate.
- Property insurance is allocated by gross utility plant in service balance for each district in Chapter Three Table Six.
- Other Post-Employment Benefits (OPEB) for all California American Water employees was done in a similar fashion as pension. First, we determined how many employees were eligible for OPEB in each business unit. To be eligible a non-union employee must have been hired prior to 2002 and a union employee must have been hired prior to 2006.

Table seven of Chapter three allocates total costs to each business unit by number of eligible employees, then the capitalized portion is deducted. Chapter Three Table Eight allocates the corporate expense, net of amount capitalized to the districts based on the number of customers.

- Pension costs for all California American Water employees are charged to CAL CORP. To allocate pension costs, we took the pensionable income of all employees hired before 2006 and assigned costs to the seven districts and CAL CORP. Employees hired in 2006 or later are not eligible for the pension. We then reduced each amount by that business unit's capitalization rate. This is shown on Chapter Three Table Nine.

Then on Table Ten of Chapter Three, we took the CAL CORP amount for pension, net of capitalization and allocated it back to the districts based on the number of customers.

- Postage costs are calculated in Chapter Three Table Eleven and takes the postage costs per bill from 2009, escalates it for inflation and multiplies it by the expected number of bills in 2012. The calculation for 2012 and beyond assumes all districts will have moved to monthly meter reading.
- Rate case expenses are included in Chapter Three Table Twelve and are allocated to the districts based on number of customers. The requested amount for 2012 - 2014 includes amounts to prepare and process the 2010 and 2013

general rate cases. This was done to facilitate a transition period to move from deferring rate case expenses to no deferral of rate case expenses beginning on January 1, 2015.

Other Schedules

Table Thirteen includes labor capitalization rates for each district and CAL CORP. These amounts come from the labor files for each business unit. Table Fourteen includes a summary of the allocation factors used to allocate the various costs within this chapter.

CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 DETAILS OF O&M EXPENSES PER 1000 CUSTOMERS
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RECORDED YEARS				
2005	2006	2007	2008	2009

Ref.	Line No.	Description	2005	2006	2007	2008	2009
	1.	<u>Costs historically included with district expenses - Allocated by various methods</u>					
CC EXP 107	2.	District Group Insurance, Net of Cap Credits	1,590.0	1,726.2	1,707.4	2,114.6	2,095.7
CC EXP 106	3.	General liability	749.3	710.5	946.8	692.2	1,028.3
CC EXP 106	4.	Workers Compensation, Net of Cap Credits	697.6	652.9	687.7	389.6	334.2
CC EXP 105	5.	Property Insurance	222.4	315.6	305.3	256.8	309.4
CC EXP 107	6.	OPEB Costs, Net of Cap Credits	1,103.2	874.4	762.6	790.1	935.9
CC EXP 107	7.	Pension Costs, Net of Cap Credits	595.6	1,660.2	1,561.6	2,980.5	2,405.5
CC EXP 101	8.	Postage Costs	453.4	459.9	441.6	507.5	539.9
CC EXP 108	9.	Rate Case Expenses	817.9	2,415.6	1,014.7	1,400.5	5,025.5
	10.	TOTAL	6,229.4	8,815.3	7,427.7	9,131.8	12,674.4
	11.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)	0.037	0.052	0.043	0.053	0.074
all \$ values in thousands of dollars							
		customers	169,720	170,694	171,343	171,592	171,359

CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 DETAILS OF O&M EXPENSES PER 1000 CUSTOMERS
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ESTIMATED			
2010	2011	2012	2013

Line	No.	Description	2010	2011	2012	2013
Ref.	1.	<u>Costs historically included with district expenses - Allocated by various methods</u>				
	CC EXP 107	2. District Group Insurance, Net of Cap Credits	1,940.4	2,522.5	2,729.3	2,953.1
	CC EXP 106	3. General liability	1,398.7	1,530.0	1,624.8	1,670.0
	CC EXP 106	4. Workers Compensation, Net of Cap Credits	413.3	443.4	465.6	478.3
	CC EXP 105	5. Property Insurance	360.1	388.9	420.0	431.6
	CC EXP 107	6. OPEB Costs, Net of Cap Credits	1,058.6	1,039.2	1,019.8	893.2
	CC EXP 107	7. Pension Costs, Net of Cap Credits	3,017.6	4,068.0	4,386.6	3,370.3
	CC EXP 101	8. Postage Costs	545.6	556.9	838.3	861.7
	CC EXP 108	9. Rate Case Expenses	1,393.4	1,393.4	2,798.4	2,798.4
	10.	TOTAL	10,127.6	11,942.2	14,282.7	13,456.6
	11.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)	0.059	0.069	0.083	0.078
all \$ values in thousands of dollars						
		customers	171,913	172,173	172,406	172,607

CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 DETAILS OF O&M EXPENSES PER 1000 CUSTOMERS
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Line No.	Description	LAST AUTHORIZED TEST YEAR	Last Authorized by District							
		2009*	COR (2008)	VILL (2008)	LA (2010)	MTREY WATER (2009)	MTREY WW (2009)	SAC (2010)	LFLD (2010)	
Ref.	<u>Costs historically included with district expenses - Allocated by various methods</u>									
1.										
CC EXP 107	2.	District Group Insurance, Net of Cap Credits	2,580.3	189.4	158.6	307.2	1,089.2	133.3	616.6	86.0
CC EXP 106	3.	General liability	999.9	0.0	0.0	192.2	400.6	28.9	351.2	27.0
CC EXP 106	4.	Workers Compensation, Net of Cap Credits	635.0	57.8	49.6	81.0	269.0	19.2	141.1	17.3
CC EXP 105	5.	Property Insurance	512.7	52.0	165.8	55.5	121.4	8.8	101.4	7.8
CC EXP 107	6.	OPEB Costs, Net of Cap Credits	622.7	54.0	49.7	139.1	333.0	25.3	151.0	6.6
CC EXP 107	7.	Pension Costs, Net of Cap Credits	1,672.3	87.4	87.5	259.5	852.5	15.4	313.1	56.9
CC EXP 101	8.	Postage Costs	462.1	57.0	57.1	58.0	164.1	0.0	120.8	5.1
CC EXP 108	9.	Rate Case Expenses	1,242.2	79.3	79.4	217.5	350.0	28.7	467.2	20.1
10.	TOTAL		8,727.2	576.9	647.7	1,310.0	3,579.8	259.6	2,126.4	226.8
11.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)		0.051							

all \$ values in thousands of dollars

customers

171,602

CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
O&M EXPENSES PER 1000 CUSTOMERS BY OPERATING DISTRICT
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RECORDED YEARS				
2005	2006	2007	2008	2009

Line No.	Description	2005	2006	2007	2008	2009
1.	<u>DISTRICT SUMMARY</u>					
2.	Coronado	411.8	582.7	491.0	603.6	837.8
3.	Los Angeles	935.1	1,323.2	1,114.9	1,370.7	1,902.5
4.	Village	462.3	654.2	551.3	677.7	940.6
5.	Toro	0.0	0.0	0.0	38.6	53.5
6.	Monterey Wastewater	185.3	262.2	220.9	271.6	377.0
7.	Monterey	2,555.4	3,616.2	3,047.2	3,707.2	5,145.4
8.	Sacramento	1,517.8	2,147.9	1,809.8	2,225.0	3,088.1
9.	Larkfield	161.9	229.1	193.0	237.3	329.4
From Table 1	10. TOTAL	6,229.4	8,815.3	7,427.7	9,131.8	12,674.4
	11. Operating and Maintenance Expense (in thousands of dollars per customer)	0.037	0.052	0.043	0.053	0.074
all \$ values in thousands of dollars						
	customers	169,720	170,694	171,343	171,592	171,359

CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
O&M EXPENSES PER 1000 CUSTOMERS BY OPERATING DISTRICT
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Line No. Description	ESTIMATED				LAST AUTHORIZED TEST YEAR
	2010	2011	2012	2013	2009*
1. <u>DISTRICT SUMMARY</u>	From Table 2.3				
2. Coronado	1,021.4	1,206.6	1,495.7	1,407.1	576.9
3. Los Angeles	1,490.2	1,747.7	2,138.5	2,015.3	1,310.0
4. Village	1,022.0	1,189.4	1,423.5	1,346.1	647.7
5. Toro	37.5	44.5	50.4	47.0	36.9
6. Monterey Wastewater	381.8	466.2	516.2	474.2	259.6
7. Monterey	3,464.3	4,125.5	4,685.1	4,347.5	3,543.0
8. Sacramento	2,515.2	2,923.6	3,693.3	3,561.9	2,126.4
9. Larkfield	195.0	238.7	279.9	257.6	226.8
From Table 1 10. TOTAL	10,127.6	11,942.2	14,282.7	13,456.6	8,727.2
11. Operating and Maintenance Expense (in thousands of dollars per customer)	0.059	0.069	0.083	0.078	0.051
all \$ values in thousands of dollars					
customers	171,913	172,173	172,406	172,607	171,602.0

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
2012 SUMMARY OF CHAPTER 3 O&M EXPENSES - BY DISTRICT
AUTHORIZED - RECORDED - PROPOSED**

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	Group Insurance Allocated By Employees Table 3	General Liability Insurance Allocated By Customers Table 4	Workers Comp Allocated By Payroll Table 5	Property Insurance Allocated By UPIS Table 6	OPEB Costs Allocated By Eligible Employees Table 7	Corp OPEB Costs Allocated By Customers Table 8	Pension Costs Allocated By Eligible Employees Table 9	Corp Pension Costs Allocated By Customers Table 10	Postage Costs Allocated By Customers Table 11	Rate Case Expenses Allocated By Customers Table 12	Total
<u>DISTRICT SUMMARY</u>											
Coronado	249.6	196.8	40.3	15.8	74.4	6.1	392.6	78.4	102.6	339.0	1495.7
Los Angeles	366.7	263.0	59.4	56.0	160.4	8.1	530.1	104.7	137.1	453.0	2138.5
Village	213.2	196.3	37.7	45.9	67.3	6.1	338.2	78.2	102.4	338.2	1423.5
Toro	10.5	3.9	2.0	3.1	4.8	0.1	15.7	1.5	2.0	6.7	50.4
Monterey Wastewater	139.3	24.6	29.9	8.6	49.8	0.8	202.7	9.8	8.4	42.4	516.2
Monterey	1007.6	376.6	187.9	128.1	464.1	11.6	1518.8	150.0	191.9	648.6	4685.1
Sacramento	675.2	540.7	100.6	152.3	143.8	16.7	635.5	215.3	281.9	931.2	3693.3
Larkfield	67.3	22.9	7.7	10.2	4.8	0.7	105.8	9.1	11.9	39.4	279.9
TOTAL	2,729.3	1,624.8	465.6	420.0	969.7	50.1	3,739.5	647.1	838.3	2,798.4	14,282.7

CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
ALLOCATION OF FORECASTED GROUP INSURANCE COSTS

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	<u># of Employees</u>	<u>Employees Factor Alloc %</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Amount to Allocate From WP EXP CC - 107			2,935.7	3,816.4	4,129.3	4,468.0
<u>Districts Receiving Allocations</u>						
Coronado	22	7.56%	221.9	288.5	312.2	337.8
Amount Capitalized			(44.5)	(57.9)	(62.6)	(67.7)
Net Group Insurance			177.4	230.7	249.6	270.0
Los Angeles	30	10.31%	302.6	393.4	425.7	460.6
Amount Capitalized			(41.9)	(54.5)	(59.0)	(63.8)
Net Group Insurance			260.7	339.0	366.7	396.8
Village	17	5.84%	171.5	223.0	241.2	261.0
Amount Capitalized			(20.0)	(25.9)	(28.1)	(30.4)
Net Group Insurance			151.5	197.0	213.2	230.6
Toro	1	0.28%	8.2	10.7	11.5	12.5
Amount Capitalized			(0.8)	(1.0)	(1.1)	(1.1)
Net Group Insurance			7.5	9.7	10.5	11.3
Monterey Wastewater	10	3.44%	100.9	131.1	141.9	153.5
Amount Capitalized			(1.9)	(2.4)	(2.6)	(2.9)
Net Group Insurance			99.0	128.7	139.3	150.7
Monterey	78	26.87%	788.8	1,025.4	1,109.5	1,200.5
Amount Capitalized			(72.4)	(94.2)	(101.9)	(110.2)
Net Group Insurance			716.3	931.2	1,007.6	1,090.2
Sacramento	56	19.24%	564.9	734.4	794.7	859.8
Amount Capitalized			(84.9)	(110.4)	(119.5)	(129.3)
Net Group Insurance			480.0	624.0	675.2	730.5
Larkfield	5	1.72%	50.4	65.6	71.0	76.8
Amount Capitalized			(2.6)	(3.4)	(3.6)	(3.9)
Net Group Insurance			47.9	62.2	67.3	72.8
Corp (included with traditional GO)	72	24.74%	726.4	944.3	1,021.7	1,105.5
Amount Capitalized			(335.8)	(436.6)	(472.4)	(511.1)
Net Group Insurance			390.5	507.7	549.3	594.4
Total	291	100.00%	2,935.7	3,816.4	4,129.3	4,468.0
Amount Capitalized			(604.8)	(786.3)	(850.7)	(920.5)
Net Group Insurance			2,330.9	3,030.1	3,278.6	3,547.5
Total District without Corp			2,209.3	2,872.1	3,107.7	3,362.5
Amount Capitalized			(269.0)	(349.7)	(378.4)	(409.4)
Net Group Insurance			1,940.4	2,522.5	2,729.3	2,953.1

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF GENERAL LIABILITY INSURANCE**

**FILING: FINAL
 EXHIBIT A - CC
 CHAPTER 3
 TABLE 4**

	Customers	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
	<u>Alloc %</u>				
Amount to Allocate from WP EXP CC 106		1,398.7	1,530.0	1,624.8	1,670.0
	From Ch 3 Table 14				
<u>Districts Receiving Allocations</u>					
Coronado	12.12%	169.5	185.4	196.8	202.3
Los Angeles	16.19%	226.4	247.7	263.0	270.3
Village	12.08%	169.0	184.9	196.3	201.8
Toro	0.24%	3.3	3.6	3.9	4.0
Monterey Wastewater	1.51%	21.2	23.2	24.6	25.3
Monterey	23.18%	324.2	354.6	376.6	387.0
Sacramento	33.28%	465.5	509.2	540.7	555.7
Larkfield	1.41%	19.7	21.5	22.9	23.5
Total	100.00%	1,398.7	1,530.0	1,624.8	1,670.0

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
ALLOCATION OF FORECASTED WORKERS COMPENSATION COSTS**

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CHAPTER 3
TABLE 5**

	Payroll Factor Alloc %	2010	2011	2012	2013
Amount to Allocate form WP CC EXP 106		471.0	505.9	531.4	546.2
Ch.3 Table 14					
<u>Districts Receivng Allocations</u>					
Coronado	9.49%	44.7	48.0	50.4	51.8
Amount Capitalized		(9.0)	(9.6)	(10.1)	(10.4)
Net Workers Comp		35.7	38.4	40.3	41.4
Los Angeles	12.97%	61.1	65.6	68.9	70.9
Amount Capitalized		(8.5)	(9.1)	(9.5)	(9.8)
Net Workers Comp		52.6	56.5	59.4	61.0
Village	8.03%	37.8	40.6	42.7	43.9
Amount Capitalized		(4.4)	(4.7)	(5.0)	(5.1)
Net Workers Comp		33.4	35.9	37.7	38.8
Toro	0.41%	1.9	2.1	2.2	2.3
Amount Capitalized		(0.2)	(0.2)	(0.2)	(0.2)
Net Workers Comp		1.8	1.9	2.0	2.0
Monterey Wastewater	5.73%	27.0	29.0	30.5	31.3
Amount Capitalized		(0.5)	(0.5)	(0.6)	(0.6)
Net Workers Comp		26.5	28.5	29.9	30.7
Monterey	38.94%	183.4	197.0	206.9	212.7
Amount Capitalized		(16.8)	(18.1)	(19.0)	(19.5)
Net Workers Comp		166.6	178.9	187.9	193.1
Sacramento	22.28%	105.0	112.7	118.4	121.7
Amount Capitalized		(15.8)	(17.0)	(17.8)	(18.3)
Net Workers Comp		89.2	95.8	100.6	103.4
Larkfield	2.14%	10.1	10.8	11.4	11.7
Amount Capitalized		(2.6)	(3.4)	(3.6)	(3.9)
Net Workers Comp		7.5	7.5	7.7	7.7
Total	100.00%	471.0	505.9	531.4	546.2
Amount Capitalized		(57.7)	(62.6)	(65.8)	(67.9)
Net Workers Comp		413.3	443.4	465.6	478.3

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF FORECASTED PROPERTY INSURANCE COSTS**

**FILING: FINAL
 EXHIBIT A - CC
 CHAPTER 3
 TABLE 6**

	GROSS UPIS Alloc %	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Amount to Allocate form WP CC EXP 105		360.1	388.9	420.0	431.6
<u>Districts Receivng Allocations</u>	Ch3 Table 14				
Coronado	3.76%	13.6	14.6	15.8	16.2
Los Angeles	13.32%	48.0	51.8	56.0	57.5
Village	10.92%	39.3	42.5	45.9	47.2
Toro	0.74%	2.7	2.9	3.1	3.2
Monterey Wastewater	2.05%	7.4	8.0	8.6	8.9
Monterey	30.50%	109.8	118.6	128.1	131.7
Sacramento	36.27%	130.6	141.0	152.3	156.5
Larkfield	2.43%	8.7	9.4	10.2	10.5
Total	100.00%	360.1	388.9	420.0	431.6

CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF FORECASTED DISTRICT OPEB COSTS

FILING: FINAL
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 CHAPTER 3
 TABLE 7

	Employees Eligible for OPEB Ch3 Table 14 Alloc %	2010	2011	2012	2013
		1,238	1,216	1,194	1,046
Amount to Allocate form WP CC EXP 107					
<u>Districts Receiving Allocations</u>					
Coronado	7.80%	97	95	93	82
Amount Capitalized		(19)	(19)	(19)	(16)
Net OPEB costs		77	76	74	65
Los Angeles	15.60%	193	190	186	163
Amount Capitalized		(27)	(26)	(26)	(23)
Net OPEB costs		166	163	160	141
Village	6.38%	79	78	76	67
Amount Capitalized		(9)	(9)	(9)	(8)
Net OPEB costs		70	69	67	59
Toro	0.45%	6	5	5	5
Amount Capitalized		(1)	(0)	(0)	(0)
Net OPEB costs		5	5	5	4
Monterey Wastewater	4.26%	53	52	51	45
Amount Capitalized		(1)	(1)	(1)	(1)
Net OPEB costs		52	51	50	44
Monterey	42.82%	530	521	511	448
Amount Capitalized		(49)	(48)	(47)	(41)
Net OPEB costs		481	473	464	407
Sacramento	14.18%	176	172	169	148
Amount Capitalized		(26)	(26)	(25)	(22)
Net OPEB costs		149	147	144	126
Larkfield	0.71%	9	9	8	7
Amount Capitalized		(3)	(3)	(4)	(4)
Net OPEB costs		6	5	5	3
Corporate	7.80%	97	95	93	82
Amount Capitalized		(45)	(44)	(43)	(38)
Net OPEB costs		52	51	50	44
Total	100.00%	1,238	1,216	1,194	1,046
Amount Capitalized		(179)	(177)	(174)	(153)
Net OPEB costs		1,059	1,039	1,020	893

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF FORECASTED CALIFORNIA CORPORATE OPEB COSTS**

**FILING: FINAL
 EXHIBIT A - CC
 CHAPTER 3
 TABLE 8**

	Ch. 3 Table 14 Customers Factor Alloc %	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Amount to Allocate from Ex A - CC Ch 3 Table 7		51.9	51.0	50.1	43.9
<u>Districts Receiving Allocations</u>					
Coronado	12.12%	6.3	6.2	6.1	5.3
Los Angeles	16.19%	8.4	8.3	8.1	7.1
Village	12.08%	6.3	6.2	6.1	5.3
Toro	0.24%	0.1	0.1	0.1	0.1
Monterey Wastewater	1.51%	0.8	0.8	0.8	0.7
Monterey	23.18%	12.0	11.8	11.6	10.2
Sacramento	33.28%	17.3	17.0	16.7	14.6
Larkfield	1.41%	0.7	0.7	0.7	0.6
Total	100.00%	51.9	51.0	50.1	43.9

CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF FORECASTED DISTRICT PENSION COSTS

FILING: FINAL
 EXHIBIT A - CC
 CHAPTER 3
 TABLE 9

	Ch3 Table 14 Pension Factor Alloc %	2010	2011	2012	2013
Amount to Allocate form WP CC EXP 107		3,747	5,051	5,446.40	4,186
<u>Districts Receivng Allocations</u>					
Coronado	9.02%	338	455	491	377
Amount Capitalized		(68)	(91)	(98)	(76)
Net Pension Costs		270	364	393	302
Los Angeles	11.30%	423	571	615	473
Amount Capitalized		(59)	(79)	(85)	(65)
Net Pension Costs		365	492	530	407
Village	7.03%	263	355	383	294
Amount Capitalized		(31)	(41)	(45)	(34)
Net Pension Costs		233	314	338	260
Toro	0.32%	12	16	17	13
Amount Capitalized		(1)	(1)	(2)	(1)
Net Pension Costs		11	15	16	12
Monterey Wastewater	3.79%	142	192	207	159
Amount Capitalized		(3)	(4)	(4)	(3)
Net Pension Costs		139	188	203	156
Monterey	30.71%	1,150	1,551	1,672	1,285
Amount Capitalized		(106)	(142)	(154)	(118)
Net Pension Costs		1,045	1,408	1,519	1,167
Sacramento	13.73%	515	694	748	575
Amount Capitalized		(77)	(104)	(112)	(86)
Net Pension Costs		437	589	635	488
Larkfield	2.01%	75	102	109	84
Amount Capitalized		(3)	(3)	(4)	(4)
Net Pension Costs		73	98	106	80
Corporate	22.10%	828	1,116	1,204	925
Amount Capitalized		(383)	(516)	(556)	(428)
Net Pension Costs		445	600	647	497
Total	100.00%	3,747	5,051	5,446	4,186
Amount Capitalized		(729)	(983)	(1,060)	(816)
Net Pension Costs		3,017.6	4,068.0	4,386.6	3,370.3

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF FORECASTED CALIFORNIA CORPORATE PENSION COSTS**

**FILING: FINAL
 EXHIBIT A - CC
 CHAPTER 3
 TABLE 10**

	Ch3 Table 14 Customers Factor <u>Alloc %</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Amount to Allocate from Ex A CC Ch.3 Table 9		445.2	600.1	647.1	497.4
<u>Districts Receivng Allocations</u>					
Coronado	12.12%	53.9	72.7	78.4	60.3
Los Angeles	16.19%	72.1	97.1	104.7	80.5
Village	12.08%	53.8	72.5	78.2	60.1
Toro	0.24%	1.1	1.4	1.5	1.2
Monterey Wastewater	1.51%	6.7	9.1	9.8	7.5
Monterey	23.18%	103.2	139.1	150.0	115.3
Sacramento	33.28%	148.1	199.7	215.3	165.5
Larkfield	1.41%	6.3	8.5	9.1	7.0
Total	100.00%	445.2	600.1	647.1	497.4

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 FORECASTED DISTRICT POSTAGE COSTS**

**FILING: FINAL
 EXHIBIT A - CC
 CHAPTER 3
 TABLE 11**

Coronado, LA, Sacramento and Larkfield go to monthly billing in 2012

Escalation factors	1.010600	1.020800	1.026200	1.027800
Price per Bill	\$ 0.39	\$ 0.40	\$ 0.41	\$ 0.42

	# of Customers	Adjusted for 1,800 Combined Bills	Current Annual Bills	Current # of Bills	Monthly bills	Proposed # of Bills	Alloc %	2010 545.6	2011 556.9	2012 838.3	2013 861.7
<u>Districts Receiving Allocations</u>											
Coronado	20,887		6	125,322	12	250,644	12.24%	49.0	50.0	102.6	105.5
Los Angeles	27,906		6	167,436	12	334,872	16.36%	65.5	66.8	137.1	140.9
Village	20,834		12	250,008	12	250,008	12.21%	97.7	99.8	102.4	105.2
Toro	411		12	4,932	12	4,932	0.24%	1.9	2.0	2.0	2.1
Monterey Wastewater	2,610	1,710	12	20,520	12	20,520	1.00%	8.0	8.2	8.4	8.6
Monterey	39,957	39,057	12	468,684	12	468,684	22.89%	183.2	187.0	191.9	197.3
Sacramento	57,373		6	344,238	12	688,476	33.63%	134.6	137.4	281.9	289.8
Larkfield	2,428		6	14,568	12	29,136	1.42%	5.7	5.8	11.9	12.3
Total	172,406			1,395,708		2,047,272	100.00%	545.6	556.9	838.3	861.7

2009 Postage Costs \$539,873 FROM WP EXP CC 101
 Divided by Number of Bills 1,395,708
 Price per Bill \$ 0.39

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF FORECASTED RATE CASE EXPENSES**

**FILING: FINAL
 EXHIBIT A - CC
 CHAPTER 3
 TABLE 12**

**Ch 3 Table 14
 Customers
 Factor**

	<u>Alloc %</u>	2010	2011	2012	2013
Amount to Allocate from WP EXP CC 115		\$ 1,393	\$ 1,393	\$ 2,798	\$ 2,798
<u>Districts Receiving Allocations</u>					
Coronado	12.12%	\$ 169	\$ 169	\$ 339	\$ 339
Los Angeles	16.19%	\$ 226	\$ 226	\$ 453	\$ 453
Village	12.08%	\$ 168	\$ 168	\$ 338	\$ 338
Toro	0.24%	\$ 3	\$ 3	\$ 7	\$ 7
Monterey Wastewater	1.51%	\$ 21	\$ 21	\$ 42	\$ 42
Monterey	23.18%	\$ 323	\$ 323	\$ 649	\$ 649
Sacramento	33.28%	\$ 464	\$ 464	\$ 931	\$ 931
Larkfield	1.41%	\$ 20	\$ 20	\$ 39	\$ 39
Total	100.00%				

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GRC
LABOR CAPITALIZATION RATES**

**FILING: FINAL
EXHIBIT A - CC
CHAPTER 3
TABLE 13**

LABOR CAPITALIZATION %

CA Corp	46.23%
Coronado	20.06%
Village	11.63%
LA	13.85%
Monterey Water	9.18%
Monterey WasteWater	1.86%
Larkfield	5.12%
Sacramento	15.04%

Source: Labor Files

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
ALLOCATION FACTORS**

**FILING: FINAL
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CHAPTER 3
TABLE 14**

	<u>Gross UPIS</u>		<u>Payroll</u>		<u>2012 Ave Customers</u>		<u>OPEB Eligibility</u>		<u>Pensionable Income</u>	
	<u>Amounts \$</u>	<u>%</u>	<u>Amounts \$</u>	<u>%</u>	<u>Number</u>	<u>%</u>	<u>Number</u>	<u>%</u>	<u>Number</u>	<u>%</u>
Coronado	\$30,500,268	3.76%	\$1,598,308	9.49%	20,887	12.12%	11	7.80%	1,261,850	9.02%
Los Angeles	\$107,988,076	13.32%	\$2,185,684	12.97%	27,906	16.19%	22	15.60%	1,581,075	11.30%
Village	\$88,532,102	10.92%	\$1,353,364	8.03%	20,834	12.08%	9	6.38%	983,548	7.03%
Toro	\$6,031,229	0.74% **	\$69,454	0.41%	411	0.24% **	1	0.45% **	44,541	0.32%
Monterey Wastewater	\$16,623,211	2.05%	\$965,570	5.73%	2,610	1.51%	6	4.26%	530,673	3.79%
Monterey	\$247,196,772	30.50%	\$6,559,989	38.94%	39,957	23.18%	60	42.82%	4,297,374	30.71%
Sacramento	\$293,910,884	36.27%	\$3,754,119	22.28%	57,373	33.28%	20	14.18%	1,921,981	13.73%
Larkfield	\$19,664,485	2.43%	\$360,125	2.14%	2,428	1.41%	1	0.71%	281,319	2.01%
Corporate							11	7.80%	3,092,701	22.10%
Total	\$810,447,027	100.00%	\$16,846,611	100.00%	172,406	100.00%	141	100.00%	13,995,064	100.00%

** Toro Payroll, PBOP Eligibility and Pensionable Income percentages are based upon Toro's customers percentage of Monterey Water total customers - Toro's percentage equals 1.03%.

DISCUSSION OF INFORMATION SHOWN IN THIS CHAPTER

This section contains information about the Citizen's acquisition premium. The acquisition premium has typically been included with the district rate cases, but since it is allocated to the districts, it will now be included with CAL CORP costs. Chapter Four Table 1 summarizes total recorded, proposed and last authorized. Amounts for last authorized vary depending on the timing of the last rate case for the respective district.

Cost Allocations

In prior decisions it has been determined that recovery of the acquisition premium would be split 59% to former California American Water districts (San Diego, Ventura, Los Angeles and Monterey districts) and 41% to former Citizen's Districts (Sacramento and Larkfield districts). Chapter Four Table 2 displays the allocation of costs to each of the districts. Once the 59%/41% split is allocated, then the number of customers in each district drives the allocation.

Amortization Schedule

Chapter Four Table 3 provides the amortization table of the Citizen's acquisition which has been used in prior cases and will be used going forward.

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 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF CITIZEN'S ACQUISITION PREMIUM

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Line

No. Description

RECORDED YEARS				
2005	2006	2007	2008	2009

1.	<u>Acquisition Premium was historically included with district expenses - Allocated by various methods</u>					
2.	Citizen's Acquisition Premium From Ex A Ch4 Table 3	4,813.5	4,681.9	4,761.0	4,630.8	4,491.1
3.	TOTAL	4,813.5	4,681.9	4,761.0	4,630.8	4,491.1
4.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)	<i>0.028</i>	<i>0.027</i>	<i>0.028</i>	<i>0.027</i>	<i>0.026</i>

all \$ values in thousands of dollars

customers	169,720	170,694	171,343	171,592	171,359
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CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF CITIZEN'S ACQUISITION PREMIUM

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		ESTIMATED			
Line No.	Description	2010	2011	2012	2013
1.	<u>Acquisition Premium was historically included with district expenses - Allocated by various methods</u>				
2.	Citizen's Acquisition Premium From Ex A Ch4 Table 3	4,352.0	4,216.0	4,081.0	3,945.0
3.	TOTAL	4,352.0	4,216.0	4,081.0	3,945.0
4.	Operating and Maintenance Expense per customer (in thousands of dollars per customer)	0.025	0.024	0.024	0.023
all \$ values in thousands of dollars					
	customers	171,913	172,173	172,406	172,607

**CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF CITIZEN'S ACQUISITION PREMIUM**

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Line

No. Description

LAST AUTHORIZED TEST YEAR	Last Authorized by District								
	GOR (2008)	VILL (2008)	LA (2010)	MTREY WATER (2009)	MTREY WW (2009)	SAC (2010)	LFLD (2010)		
2009*									
1.	<u>Acquisition Premium was historically included with district expenses - Allocated by various methods</u>								
2.	4,471.4	509.2	540.1	653.9	984.0	N/A	1,711.9	72.4	
3.	TOTAL	4,471.4	509.2	540.1	653.9	984.0	0.0	1,711.9	72.4

4. Operating and Maintenance Expense per customer (in thousands of dollars per customer)

0.026

all \$ values in thousands of dollars

customers

171,602

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
ALLOCATION OF CITIZEN'S ACQUITION PREMIUM**

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2008 2009**

District	Customers	% of Customers	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
Total Premium to Citizens Districts	59,801	100%	\$2,380	\$2,315	\$2,354	\$1,874	\$1,817
Sacramento	57,373	96%	\$2,284	\$2,221	\$2,259	\$1,798	\$1,744
Larkfield	2,428	4%	\$96	\$93	\$95	\$76	\$73
Total Spread to Original Cal Am Districts	109,584	100%	\$2,434	\$2,367	\$2,407	\$2,757	\$2,674
Coronado	20,887	19%	\$449	\$437	\$445	\$509	\$494
Village	20,834	19%	\$477	\$464	\$471	\$540	\$524
Los Angeles	27,906	25%	\$612	\$595	\$605	\$693	\$672
Monterey	39,957	36%	895.53	871.06	885.78	1,014.61	983.99
Total			\$4,813	\$4,682	\$4,761	\$4,631	\$4,491

**CALIFORNIA AMERICAN WATER
CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
ALLOCATION OF CITIZEN'S ACQUISITION PREMIUM**

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District	Customers	% of Customers	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	Ref.
Total Premium to Citizens Districts	59,801	100%	\$1,784	\$1,729	\$1,673	\$1,617	ExA Ch4 T3
Sacramento	57,373	96%	\$1,712	\$1,658	\$1,605	\$1,552	
Larkfield	2,428	4%	\$72	\$70	\$68	\$66	
Total Spread to Original Cal Am Districts	109,584	100%	\$2,568	\$2,487	\$2,408	\$2,328	ExA Ch4 T3
Coronado	20,887	19%	\$489	\$474	\$459	\$444	
Village	20,834	19%	\$488	\$473	\$458	\$443	
Los Angeles	27,906	25%	\$654	\$633	\$613	\$593	
Monterey	39,957	36%	936.24	906.98	877.94	848.68	
Total			\$4,352	\$4,216	\$4,081	\$3,945	

CALIFORNIA AMERICAN WATER
 CALIFORNIA CORPORATE - 2010 GENERAL RATE CASE
 ALLOCATION OF CITIZEN'S ACQUITION PREMIUM

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<u>YEAR</u>	1 Revenue Req Of the Premium	2 Cal-Am Synergies	3 Net Premium To Citizens Prop.
		For 2008 and on - Column 1 times the Annual Alloation Percentage	Column 1 minus Column 2
2005	\$4,867,000	\$2,433,500	\$2,433,500
2006	\$4,734,000	\$2,367,000	\$2,367,000
2007	\$4,770,000	\$2,385,000	\$2,385,000
2008	\$4,631,000	\$2,732,290	\$1,898,710
2009	\$4,491,100	\$2,649,749	\$1,841,351
2010	\$4,352,000	\$2,567,680	\$1,784,320
2011	\$4,216,000	\$2,487,440	\$1,728,560
2012	\$4,081,000	\$2,407,790	\$1,673,210
2013	\$3,945,000	\$2,327,550	\$1,617,450
2014	\$3,812,000	\$2,249,080	\$1,562,920
2015	\$3,681,000	\$2,171,790	\$1,509,210
2016	\$3,550,000	\$2,094,500	\$1,455,500
2017	\$3,495,000	\$2,062,050	\$1,432,950
2018	\$3,518,000	\$2,075,620	\$1,442,380
2019	\$3,541,000	\$2,089,190	\$1,451,810
2020	\$3,567,000	\$2,104,530	\$1,462,470
2021	\$3,596,000	\$2,121,640	\$1,474,360
2022	\$3,628,000	\$2,140,520	\$1,487,480
2023	\$3,664,000	\$2,161,760	\$1,502,240
2024	\$3,700,000	\$2,183,000	\$1,517,000
2025	\$3,742,000	\$2,207,780	\$1,534,220
2026	\$3,789,000	\$2,235,510	\$1,553,490
2027	\$3,839,000	\$2,265,010	\$1,573,990
2028	\$3,893,000	\$2,296,870	\$1,596,130
2029	\$3,954,000	\$2,332,860	\$1,621,140
2030	\$4,021,000	\$2,372,390	\$1,648,610
2031	\$4,095,000	\$2,416,050	\$1,678,950
2032	\$4,174,000	\$2,462,660	\$1,711,340
2033	\$4,262,000	\$2,514,580	\$1,747,420
2034	\$4,360,000	\$2,572,400	\$1,787,600
2035	\$4,465,000	\$2,634,350	\$1,830,650
2036	\$4,582,000	\$2,703,380	\$1,878,620
2037	\$4,710,000	\$2,778,900	\$1,931,100
2038	\$4,850,000	\$2,861,500	\$1,988,500
2039	\$5,004,000	\$2,952,360	\$2,051,640
2040	\$5,173,000	\$3,052,070	\$2,120,930
2041	\$5,206,000	\$3,071,540	\$2,134,460
TOATAL	\$153,958,100	\$89,541,889	\$64,416,211

x

x

x

Annual
 Cal Am
 Allocation
 Percentage
 59.0%

Citizens
 Allocation
 Percentage
 41.0%

**SERVICE
COMPANY**

EXHIBIT A

**CALIFORNIA AMERICAN WATER
2010 GENERAL RATE CASE
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SERVICE COMPANY**

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BACKGROUND

In D. 09-07-021, the Commission authorized California American Water (CAW or California American) to recover from its customers approximately \$9.7 million of shared services costs from American Water Works Service Company (Service Company) for the year 2009. Authorized expenses were based on information included in the General Office portion of the filing.

Service Company expenses requested for test year 2009 were based on how the Service Company and CAW were organized at that time to provide these services. Evidence was also presented in the last rate filing, to demonstrate cost impacts associated with a transition in the organization structure that was underway. The Commission took that evidence into consideration when setting the authorized level of expense.

Since the prior decision was issued, California American and the Service Company have completed the planned re-organization. The current Service Company and CAW organization structures result in certain services formerly provided for California American Water by Service Company employees located in Phoenix, Arizona now provided by California American employees. As a result of this transfer of responsibilities, a portion of the former Service Company employees are now employed by California American. In addition, it was necessary for California American to add other skilled professionals to its staff to meet its new service demands. Expenses that resulted from the transfer of Service Company employees to California American are shown on Table 1 of this chapter. Additional information is provided in Exhibit A-CC and sponsored by Mr. Jeffery Dana.

As a result of changes in the former organization structure, \$3.1 million of Service Company expenses authorized as "Local Service Company" or "LSC" charges in D. 09-07-021 are now part of total Service Company costs. The "LSC" designation was solely created for referencing Service Company employees then located in Arizona and California. To the extent some of those services are still provided by Service Company employees, costs of providing those services are reflected in the total Service Company costs included in this presentation.

In another change from the previous presentation, former reference to a "General Office" presentation has been eliminated. This change was made to reflect the fact that unlike some regulated water utilities in California, CAW does not maintain a central or "general" corporate office. Instead, California American employees assigned to either the California Corporate (Cal Corp) group or to individual operating districts, provide services critical to day-to-day tasks of providing water and wastewater services to customers. These tasks include, but are not limited to oversight of field operations in each service area, employee health and safety issues, rate case filings, engineering, etc.

Back-office tasks such as customer billing, invoice processing, financing, payroll, procurement, specialized water quality testing, accounting and similar services are provided by Service Company employees.

INCREASE IN TOTAL SERVICE COMPANY EXPENSES

Information provided in Chapter Three shows total Service Company expenses are proposed to increase approximately \$2.7 million or 28% above the \$9.7 million authorized for 2009. However, in order to properly analyze this increase, CAW used the "guideline" adopted by the Commission in its last decision.

The Commission stated when evaluating increases in Service Company costs proposed by CAW in the future, they would use a number of factors regarding those increases to guide their decision. The Commission further noted that while its "guideline" would not be an "absolute cap" on such costs, a "heavy burden" of proof would be required to support requests for "proposed increases that exceed the rate of customer growth".

The Commission also recognized the impact of inflation on such costs and refined their guideline to include general cost inflation plus the rate of customer growth as the overall standard beginning point for inflation-adjusted analysis of proposed expense increases.

CAW prepared an analysis of the per customer increases in Service Company costs proposed in this filing using the Commission-established guideline. That analysis is included in this chapter as Table 1 and discussed further in the testimony of Mr. David Stephenson.

PER CUSTOMER SERVICE COMPANY COST INCREASES

In order to identify specific cost drivers and meet its burden of proof for proposed Service Company cost increases, it was necessary to adjust expenses originally authorized. The first adjustment was made to include additional expenses agreed-to by the parties in the Petition to Modify (PTM) proceedings. A second adjustment was made to remove from authorized Service Company expenses, employee costs transferred to California American as a result of the re-organization discussed earlier. Other adjustments were made to add-back to originally authorized expenses certain costs not allowed in the prior decision included in proposed expenses in this case. Evidence included in this presentation and the testimony of Mr. David Stephenson supports the need for each and every one of the expenses.

As the analysis shown on Table 1 of this chapter demonstrates, when properly adjusted per-customer costs for total Service Company expenses are compared to per-customer costs adjusted for inflation and customer growth, the total increase is approximately 40 cents per

customer. In his testimony Mr. Stephenson explains these cost increases, discusses specific cost drivers and provides evidence supporting the need for these increased expenses.

INFORMATION SHOWN ON TABLE 1 OF CHAPTER 1

Information on Table 1 is presented on three pages as follows:

Page 1

Information on this page begins with Service Company costs per function, authorized in the original decision of the Commission. In most instances, the Commission determined the authorized expenses for Service Company functions as shown on Appendix C of the Order by inflating DRA-recommended expenses. Therefore, it was necessary for California American to extensively research DRA work papers in order to detail expenses authorized for all Service Company functions.

For example, "NSC Functions" shown on Appendix C of the original order includes costs for several individual Service Company functions, such as Audits and Legal functions. Therefore, the authorized expenses by Service Company function shown on this page were developed from the research performed by CAW. Additional details regarding authorized expenses by Service company function are included in Chapter 3 of this presentation.

Authorized expenses by Service Company function were adjusted on this page to include approximately \$820,000 of additional Service Company expenses allowed by the Commission in a petition to modify (PTM).

An adjustment was also made to eliminate from authorized expenses costs associated with former Service Company employees that were part of the re-organization discussed earlier.

In order to calculate adjusted costs per 1000 customers, the adjusted functional Service Company expenses shown on this page are divided by the number of customers shown in documents supporting the original Commission decision.

Page 2

Adjustments included on this page are necessary in order to properly identify underlying reasons for proposed per-customer cost increases by Service Company function. Therefore, on this page a portion of the expense reductions made by the Commission to arrive at authorized Service Company expenses are added back to the adjusted expenses shown on Page 1. By making these adjustments CAW has been able to isolate differences in costs associated with

increases analyzed and supported in the prior proceedings from Service Company functional expenses that have actually increased.

One example the type of adjustments shown on this page is associated with the authorized Service Company incentive pay. In its decision, the Commission did not include the full amount of incentive pay costs the Service Company experienced in 2009. Instead, authorized costs were based on 2007 payouts.

In order to isolate this difference, requested Service Company expenses include incentive plan expenses forecasted for 2012. Therefore, the difference between that amount and the authorized level of expenses is not entirely due to increases in incentive plan payouts. Rather, a portion of those increases are the result of the Commission limiting authorized expenses to 2007 level instead of using the 2009 payout amounts proposed by CAW. By adding back the amount of the adjustment made in the prior case, CAW is able to identify and explain the reason for actual proposed increases in Service Company incentive plan payouts proposed for 2012.

Page 3

Information on this page shows the impact general inflation will have on adjusted authorized expenses in 2010, 2011 and 2012. This page also includes a calculation of the impact on adjusted authorized expenses resulting from customer growth from 2009 through 2012.

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
ANALYSIS OF PER CUSTOMER COST INCREASES (DECREASES)**

**FILED: Final
EXHIBIT: A-SC
CHAPTER: 1
TABLE: 1
PAGE: 1 OF 3**

	Original Decision Authorized Exp to CA	Additional CA Authorized Petition To Modify(PTM)	Total PTM Adjusted Authorized Exp to CA	Authorized Service Company Employees Transferred to Cal Corp	Adjusted Authorized Service Company Expenses To CA	Cost Per Thousand Customers Adjusted Authorized
Governance and Corp Activities						
Administration	0		0		0	
Audit	88,024		88,024		88,024	517
Business Development	872		872		872	5
External Affairs/Communication	550,526	12,523	563,049		563,049	3,310
Finance	1,111,209	42,282	1,153,491	-323,030	830,462	4,882
Human Resources	484,096	-19,791	464,305		464,305	2,730
Investor Relations	31,518	717	32,235		32,235	190
Legal	737,712	16,781	754,493	-160,992	593,501	3,489
Operation Services	667,116	12,603	679,719	-125,081	554,638	3,261
Property	492,047	11,193	503,240		503,240	2,958
Regulated Operations	443,122	10,080	453,202		453,202	2,664
Regulatory Services	49,608	1,128	50,736		50,736	298
	<u>4,655,850</u>	<u>87,516</u>	<u>4,743,366</u>	<u>-609,103</u>	<u>4,134,264</u>	
Busines Services						
Belleville Laboratory	243,941	33,935	277,876		277,876	1,634
Benefits Service Center	128,532		128,532		128,532	756
Call Center	2,220,344	261,923	2,482,267		2,482,267	14,593
ITS	1,514,144	210,082	1,724,226	-102,130	1,622,096	9,536
Shared Services Center	809,646	236,527	1,046,173		1,046,173	6,150
Supply Chain	160,143	-9,196	150,947		150,947	887
	<u>5,076,750</u>	<u>733,271</u>	<u>5,810,021</u>	<u>-102,130</u>	<u>5,707,891</u>	
Total	<u>9,732,600</u>	<u>820,787</u>	<u>10,553,387</u>	<u>-711,233</u>	<u>9,842,155</u>	57,861

Number of Customers (000s)

170.1

References:

ExA-SCCh3 Sec1Tb12	PTM	Calculated	SC WP100	Calculated	Calculated
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Note: Allocation of PTM adjustments to NSC Functions

	\$	Percent	Allocation
External Affairs/Communication	550,526	23.89%	12,523
Investor Relations	31,518	1.37%	717
Legal	737,712	32.01%	16,781
Property	492,047	21.35%	11,193
Regulated Operations	443,122	19.23%	10,080
Regulatory Services	49,608	2.15%	1,128
Total NSC Functions	<u>\$2,304,533</u>	<u>100.00%</u>	<u>52,422</u>

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
ANALYSIS OF PER CUSTOMER COST INCREASES (DECREASES)**

**FILED: Final
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	Original Decision Authorized Exp to CA	Additional CA Authorized Expenses Per Petition To Modify(PTM)	Total PTM Adjusted Authorized Exp to CA	Authorized Service Company Employees Transferred to Cal Corp	Adjusted Authorized Service Company Expenses To CA	Cost Per Thousand Customers Adjusted Authorized
Governance and Corp Activities						
Administration	0		0		0	
Audit	88,024		88,024		88,024	517
Business Development	872		872		872	5
External Affairs/Communication	550,526	12,523	563,049		563,049	3,310
Finance	1,111,209	42,282	1,153,491	-323,030	830,462	4,882
Human Resources	484,096	-19,791	464,305		464,305	2,730
Investor Relations	31,518	717	32,235		32,235	190
Legal	737,712	16,781	754,493	-160,992	593,501	3,489
Operation Services	667,116	12,603	679,719	-125,081	554,638	3,261
Property	492,047	11,193	503,240		503,240	2,958
Regulated Operations	443,122	10,080	453,202		453,202	2,664
Regulatory Services	49,608	1,128	50,736		50,736	298
	<u>4,655,850</u>	<u>87,516</u>	<u>4,743,366</u>	<u>-609,103</u>	<u>4,134,264</u>	
Business Services						
Belleville Laboratory	243,941	33,935	277,876		277,876	1,634
Benefits Service Center	128,532		128,532		128,532	756
Call Center	2,220,344	261,923	2,482,267		2,482,267	14,593
ITS	1,514,144	210,082	1,724,226	-102,130	1,622,096	9,536
Shared Services Center	809,646	236,527	1,046,173		1,046,173	6,150
Supply Chain	160,143	-9,196	150,947		150,947	887
	<u>5,076,750</u>	<u>733,271</u>	<u>5,810,021</u>	<u>-102,130</u>	<u>5,707,891</u>	
Total	<u>9,732,600</u>	<u>820,787</u>	<u>10,553,387</u>	<u>-711,233</u>	<u>9,842,155</u>	57,861

Number of Customers (000s) 170.1
References: ExA-SCCh3 PTM Calculated SC WP100 Calculated Calculated
Sec1Tb12

Note: Allocation of PTM adjustments to NSC Functions	\$	Percent	Allocation
External Affairs/Communication	550,526	23.89%	12,523
Investor Relations	31,518	1.37%	717
Legal	737,712	32.01%	16,781
Property	492,047	21.35%	11,193
Regulated Operations	443,122	19.23%	10,080
Regulatory Services	49,608	2.15%	1,128
Total NSC Functions	<u>\$2,304,533</u>	<u>100.00%</u>	<u>52,422</u>

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
ANALYSIS OF PER CUSTOMER COST INCREASES (DECREASES)**

**FILED: Final
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	Reduction of Incentive Pay to 2007 Payout	Removal of Business Development Expenses	Removal of Marketing and Sales Expenses	Adjustments to Call Center Expenses As Shown Below	Former LSC Included In Current Service Company	Adjusted Authorized	Adjusted Cost Per Thousand Customers
Governance and Corp Activities							
Administration						0	0
Audit						88,024	517
Business Development		30,349			352,746	383,967	2,257
External Affairs/Communication			72,056			635,105	3,734
Finance	44,076				125,515	1,000,053	5,879
Human Resources	19,204					483,509	2,842
Investor Relations						32,235	190
Legal						593,501	3,489
Operation Services	35,795					590,433	3,471
Property						503,240	2,958
Regulated Operations	50,729					503,931	2,963
Regulatory Services						50,736	298
	<u>149,804</u>	<u>30,349</u>	<u>72,056</u>	<u>0</u>	<u>478,261</u>	<u>4,864,734</u>	
Busines Services							
Belleville Laboratory	6,162					284,038	1,670
Benefits Service Center						128,532	756
Call Center				443,501		2,925,768	17,200
ITS	93,007					1,715,103	10,083
Shared Services Center	59,540					1,105,713	6,500
Supply Chain	19,520					170,467	1,002
	<u>178,229</u>	<u>0</u>	<u>0</u>	<u>443,501</u>	<u>0</u>	<u>6,329,621</u>	
	<u>328,033</u>	<u>30,349</u>	<u>72,056</u>	<u>443,501</u>	<u>478,261</u>	<u>11,194,354</u>	<u>65,810</u>

	DRA Ex Attach 3-1	DRA Ex Attach 3-1	DRA Ex Attach 3-1	PTM	DRA Ex Attach 2-1	Calculated	Calculated
Total CSC expenses originally proposed							\$51,689,744
Less: Expenses reductions agreed-to by Cal Am in PTM							
PTM adjustment for Liberty & Edison							56,000
PTM adjustment for 134 contracts							496,096
PTM adjustment for Michigan after-hours calls							5,728
Adjusted total CSC expenses agreed-to by Cal Am in PTM							<u>\$51,131,920</u>
Allocation factor proposed by Cal Am in PTM							5.16%
Allocation factor adopted by CPUC in Original Order							4.56%
Difference							<u>0.60%</u>
Portion of adjusted total CSC expenses to Cal Am							\$306,792
Plus: Disallowed "Dis-Economic" CSC expenses							136,709
Adjusted "authorized" CSC expenses comparable to 2012 requested							<u>\$443,501</u>

Note: \$125,515 shown as add-back in Finance function includes total Incentive Pay reduction for all former functions

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
ANALYSIS OF PER CUSTOMER COST INCREASES (DECREASES)**

**FILED: Final
EXHIBIT: A-SC
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	2010 Inflated 3.94%	2011 Inflated 3.10%	2012 Inflated 3.12%	2012 Cost Per Thousand Adjusted for Cust Growth	Service Company Expenses for 2012 Allocated to CA	2012 Service Company Cost Per Thousand Customers	Increase In Costs Per Thousand Customers	Increase In Costs Per Customers
Governance and Corp Activities								
Administration					84,890	492	492	0.49
Audit	538	555	572	580	100,000	580	0	0.00
Business Development	2346	2,419	2,494	2,528	139,942	812	(1,717)	(1.72)
External Affairs/Communication	3881	4,001	4,126	4,182	758,902	4,402	220	0.22
Finance	6111	6,300	6,497	6,585	1,051,670	6,100	(485)	(0.49)
Human Resources	2955	3,046	3,141	3,184	672,434	3,900	717	0.72
Investor Relations	197	203	209	212	35,856	208	(4)	(0.00)
Legal	3627	3,739	3,856	3,908	711,551	4,127	219	0.22
Operation Services	3608	3,720	3,836	3,888	632,301	3,668	(220)	(0.22)
Property	3075	3,170	3,269	3,314	609,552	3,536	222	0.22
Regulated Operations	3079	3,175	3,274	3,318	875,128	5,076	1,758	1.76
Regulatory Services	310	320	330	334	37,048	215	(119)	(0.12)
Business Services								
Belleville Laboratory	1736	1,789	1,845	1,870	313,857	1,820	(50)	(0.05)
Benefits Service Center	785	810	835	846	87,822	509	(337)	(0.34)
Call Center	17878	18,432	19,007	19,265	2,817,731	16,344	(2,922)	(2.92)
ITS	10480	10,805	11,142	11,293	2,861,716	16,599	5,305	5.31
Shared Services Center	6757	6,966	7,183	7,281	1,199,777	6,959	(322)	(0.32)
Supply Chain	1042	1,074	1,107	1,122	170,620	990	(133)	(0.13)
	68,404	70,524	72,725	73,711	<u>13,160,798</u>	76,336	2,625	2.63
				<u>172.4</u>				
	Calculated	Calculated	Calculated	Calculated	ExA-SCCh3 Sec1Tbl2	Calculated	Calculated	Calculated

This chapter includes a brief history of how services have been provided to California American Water by the Service Company. This information will enable the Commission and parties reviewing the application to understand the constantly evolving nature of these types of services and changes in organizational structures that have been made over time.

Organizational changes and shifts in workload have been necessary in order to meet changes in customer demands; changes in customer service expectations; changes in employment laws and regulation; changes in environmental and financial accounting laws and/or regulations, as well as a driving need to keep abreast of and make investments in, technology advances. While these changes have had a positive impact on the delivery of water and wastewater services and the environment, they resulted in some additional costs for the Service Company and California American.

Historical Relationship

Since the beginning of its corporate existence, American Water Works Company, Inc. (American Water) has taken advantage of the unique economies of scale available through its large and national footprint. A portion of these cost savings and avoided costs have been realized by employing and retaining in an American Water subsidiary, American Water Works Service Company (Service Company), professionals with the specialized technical skills needed to operate water and wastewater systems.

The cost of those professional services can then be shared across the customer base of all American Water companies at a much lower cost than each of those companies would be able to achieve by purchasing or providing like services on a stand-alone basis. In addition, access to the skills of these professional can be used on an as-needed and at-cost basis to supplement skills of employees of operating companies as they meet the daily service needs of their respective customers.

As a result of a contractual arrangement with the Service Company, California American Water and other American Water companies do not need to hire, train and retain professionals that specialize in certain legal, accounting, tax, engineering, or financial matters. Instead, those companies can focus on tasks needed to meet the needs of their customers, such a visits to homes and businesses to resolve service issues, completion of repairs or replacement of infrastructure and treatment facilities to meet customer demands and perform numerous other tasks associated with meeting customer demands within their respective services areas.

Service Company employees primarily provide services to American Water companies that provide water and wastewater service to customers in states where the quality and price for

service are regulated by the public utility regulatory agency in those states (regulated subsidiaries). As a result, the contract negotiated and executed between the Service Company and each of the regulated subsidiaries (the Service Company contract) has been provided and reviewed by each public utility regulatory agency in states where service is provided. The Service Company contract has also been formally filed and approved by all agencies as required by laws or regulations in those states.

The terms of the Service Company contract were last changed in 1989. Those changes were necessary to establish new cost allocation methods due to changes in technology and skills needed to operate water and wastewater subsidiaries. The Service Company contract that was revised in 1989 was filed and remains on file with this Commission and also remains in effect between the parties.

Business changes that caused the need to make changes in the Service Company contract included such things as need for development of new sources of supply, often resulting in more complex water treatment techniques; ever-changing regulations; groundwater contamination and climate change. For example, extended periods of drought and a global awareness of the value of water has resulted in the need for new water conservation strategies and an expanded need for customer communication efforts. Increases in energy prices also resulted in an increased need to monitor and reduce energy consumption in order to reduce greenhouse gas emissions.

These changes and numerous others, coupled with the ever-evolving laws, rules, regulations, changes in customer demands and greater emphasis on employee safety and employment protection changed the type of skills needed not only within California American and the Service Company, but within virtually every other business in the United States. In order to meet these needs, organizational changes have been made and will continue to be made within American Water and cost allocation methods used to properly assign Service Company costs to customers of California American and other American Water operating companies must continually reviewed and modified as needed.

Historically, as a result of this undercurrent of changing technology and service needs, certain tasks have shifted from the Service Company employees to employees located in facilities closer to operations in various parts of the United States and back again. Skills that can be provided on a much broader and national scope such as Information Technology or the Belleville Laboratory typically have not been impacted by those types of changes. Completing tasks associated with information systems or national water quality testing requires significant investments in technology and highly-skilled employees. Through the Service Company agreement such costs can be spread across a much larger customer bases than would be otherwise available to even the largest American Water operating company.

Current Organization Structure

The evolution of the American Water organization continues today. Evidence and testimony is included in the 2010 Statewide Rate Case regarding the most recent changes and their impact on costs to California American customers.

As a result of the most recent organizational changes, California American has been able to transfer certain job duties of employees in its operating districts to the California Corporate group. Those employees now have responsibility to use their skills to assist in providing service to customers in all California American operating districts, rather than the customer base in simply one or two service areas of the State. In addition, certain Service Company employees who previously dedicated substantially all of their time to provide service to California American became California American Corporate employees. These changes have enabled California American employees to focus on the needs of customers in California and reduce services formerly provided by Service Company employees.

As noted earlier, testimony and exhibits included in the rate case explain these changes in greater detail.

Services Provided To Non-Regulated Companies – California American

California American Water has contractual arrangements with water and wastewater service providers in the state of California that are not owned by American Water. Evidence and testimony included in this rate case discuss costs and revenues associated with providing these services. As discussed in that evidence, certain California American employees assist in meeting some of its contractual obligations.

California American employees keep detailed records of time spent meeting contractual obligations associated with non-regulated services. Therefore, a portion of the costs of California American Water employees and equipment have been reduced as necessary to account for costs of providing non-regulated services.

Services Provided To Non-Regulated Companies – American Water

Subsidiaries of American Water provide services under contract to municipalities, the United States military and industries. Under the terms of these contracts American Water typically provides employees to assist and oversee the operations of water and wastewater facilities not owned by American Water.

In addition, one subsidiary provides services to customers for the repair or replacement of water and wastewater services lines owned by customers. No California American Water employees provide any services to these non-regulated entities.

When Service Company employees provide services to non-regulated American Water companies, those entities are charged for services under the same contract terms as California American and other American Water regulated companies.

Evidence included with this presentation shows that a portion of total Service Company costs were charged to non-regulated companies in 2005 through 2009. Likewise, a proportionate share of total Service Company costs is projected to be charged to non-regulated companies during the years 2010 through 2013.

3

Discussion of Information Presented In This Chapter

This chapter contains information detailing authorized, recorded and proposed Service Company expenses as well as a calculation of the portion of those expenses allocable to customers of California American Water. Tables in this chapter are arranged as follows:

Section One:

- Table 1 contains a summary of expenses by Service Company function recorded for the years 2005 – 2009, projected for the years 2010-2013 and authorized in the most recent decision of this Commission.
- Table 2 contains a breakdown of total authorized Service Company expenses, by function as segregated between labor and labor-related expenses and non-labor expenses.
- Tables 3 through 6 contain additional supporting information regarding Service Company expenses recorded for the years 2005-2008.
- Table 7 contains details of Service Company expenses actually recorded for the year 2009 that provided the basis for the projection of expenses for the years 2010-2013.
- Tables 8 through 11 contain details of Service Company expenses projected for the years 2010 - 2013 as well as information regarding adjustments made to eliminate certain expenses Cal Am is not proposing to recover from its customers.

Section Two:

- Table 1 contains a comparison of the number of Full-Time Equivalent (FTE) Service Company positions used by California American as authorized and as proposed in this filing.
- Table 2 shows the change in Service Company FTEs for the years 2005-2009 compared to the FTEs shown on Table 1.
- Table 3 shows the portion of total Service Company FTEs shown on Table 1 that are in Management positions.
- Table 4 shows the portion of total Service Company FTEs shown on Table 2 that are in Management positions.

- Table 5 utilizes information from Table 1 through Table 4 to calculate per customer FTE's and the percent of FTE changes between authorized and proposed positions as required by MDRs II. A6; II. B12; II. B17 and II. B18.
- Table 6 shows the change in total Service Company payroll amounts as authorized, as recorded for the years 2005-2009 and as proposed for 2012 including changes and percents of change in per customer payroll expenses as required by MDRs II. B13; II. B14; II. B15 and II. B16.

Section Three:

- Table 1 contains an allocation of Service Company costs to the operating districts of California American Water
- Table 2 contains the calculation of allocation factors used to allocate Service Company costs to California American operating districts

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
SUMMARY OF RECORDED - FORECASTED - AUTHORIZED COSTS**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 1
TABLE: 1**

Line No. Description	RECORDED YEARS					ESTIMATED				LAST AUTHORIZED TEST YEAR
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2009
1. SUMMARY										
2. Governance & Corporate Functions										
3 Administration	673.7	2,699.1	275.7	271.2	76.9	79.1	82.2	84.9	87.6	0.0
4 Audit	55.8	57.0	68.3	66.8	84.7	92.5	96.7	100.0	103.4	88.0
5 Business Development	448.1	416.0	328.2	312.8	176.6	130.4	135.5	139.9	144.5	0.9
6 External Affairs/Communication	510.0	430.2	460.2	531.8	636.7	705.6	734.3	758.9	783.8	550.5
7 Finance	981.4	2,090.9	2,543.9	1,649.3	1,115.0	968.6	1,015.7	1,051.7	1,088.3	1,111.2
8 Human Resources	913.2	508.5	466.2	456.3	553.3	624.0	650.4	672.4	694.8	484.1
9 Investor Relations	0.0	11.7	19.6	21.3	26.6	33.5	34.7	35.9	37.0	31.5
10 Legal	412.3	383.1	379.6	512.1	568.4	660.9	688.3	711.6	735.1	737.7
11 Operation Services	521.2	519.7	648.0	728.1	648.1	577.5	609.7	632.3	655.4	667.1
12 Property	235.5	352.0	524.7	631.0	579.2	571.6	590.8	609.6	628.5	492.0
13 Regulated Operations	1,803.2	2,422.6	2,310.7	1,176.1	982.5	808.6	845.7	875.1	905.0	443.1
14 Regulatory Services	68.1	115.4	40.1	16.6	33.0	34.5	35.9	37.0	38.2	49.6
15. Business Services										
16. Belleville Laboratory	248.7	261.2	260.0	287.1	277.3	286.6	302.6	313.9	325.4	243.9
17. Benefits Service Center	0.0	30.9	56.9	58.5	72.5	80.3	84.7	87.8	91.0	128.5
18. Call Center	1,892.5	2,077.8	2,404.6	2,607.6	2,482.2	2,544.2	2,711.2	2,817.7	2,927.5	2,220.3
19. ITS	1,312.0	1,295.9	1,501.7	1,886.4	2,172.0	2,663.4	2,769.5	2,861.7	2,955.1	1,514.1
20. Shared Services Center	809.1	871.9	1,058.0	1,106.2	1,058.6	1,095.0	1,156.8	1,199.8	1,243.8	809.6
21. Supply Chain	182.1	143.1	154.2	159.6	150.9	153.9	164.1	170.6	177.3	160.1
22. TOTAL	11,066.9	14,687.0	13,500.7	12,478.7	11,694.5	12,110.2	12,708.7	13,160.8	13,621.9	9,732.6

References

Ch1Sc1Tb13 Ch1Sc1Tb14 Ch1Sc1Tb15 Ch1Sc1Tb16 Ch1Sc1Tb17 Ch1Sc1Tb18 Ch1Sc1Tb19 Ch1Sc1Tb10 Ch1Sc1Tb11 Ch1Sec1Tb12

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
AUTHORIZED EXPENSES - BY FUNCTION**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 1
TABLE: 2**

	Authorized Total Service Co.	Authorized Charged to Non-Reg	Authorized Charged to Regulated	Authorized Charged to CA-American	Charge %age CA-AM
Labor and Labor-Related					
Governance and Corporate Activities					
Administration	0	0	0	0	0.00%
Audit	1,588,093	190,571	1,397,522	70,715	4.45%
Business Development	2,461,007	295,321	2,165,686	-261,919	-10.64%
External Affairs/Communication	3,061,342	367,361	2,693,981	360,210	11.77%
Finance	9,792,644	1,175,117	8,617,527	691,423	7.06%
Human Resources	2,763,368		2,763,368	337,437	12.21%
Investor Relations	509,681	61,162	448,519	-4,309	-0.85%
Legal	3,659,281	439,114	3,220,167	488,587	13.35%
Operation Services	7,673,182	920,782	6,752,400	426,758	5.56%
Property	1,532,385	183,886	1,348,499	69,877	4.56%
Regulated Operations	3,275,556	393,067	2,882,489	360,695	11.01%
Regulatory Services	514,571	61,749	452,822	20,121	3.91%
	<u>36,831,110</u>	<u>4,088,129</u>	<u>32,742,981</u>	<u>2,559,595</u>	<u>6.95%</u>
Business Services					
Belleville Laboratory	2,479,209	297,505	2,181,704	113,052	4.56%
Benefits Service Center	1,697,323		1,697,323	76,894	4.53%
Call Center	36,124,116		36,124,116	1,644,900	4.55%
ITS	20,917,078	2,510,049	18,407,029	626,704	3.00%
Shared Services Center	17,421,134	2,090,536	15,330,598	740,545	4.25%
Supply Chain	4,289,433		4,289,433	131,423	3.06%
	<u>82,928,293</u>	<u>4,898,091</u>	<u>78,030,202</u>	<u>3,333,518</u>	<u>4.02%</u>
Total Labor and Labor Related	<u>119,759,403</u>	<u>8,986,220</u>	<u>110,773,183</u>	<u>5,893,113</u>	<u>4.92%</u>

CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
AUTHORIZED EXPENSES - BY FUNCTION

FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 1
TABLE: 2

	Authorized Total Service Co.	Authorized Charged to Non-Reg	Authorized Charged to Regulated	Authorized Charged to CA-American	Charge %age CA-AM
Labor and Labor-Related					
Governance and Coporate Activities					
All Other O&M					
Governance and Coporate Activities					
Administration	0	0	0	0	0.00%
Audit	342,262	41,071	301,191	17,309	5.06%
Business Development	-1,400,834	-168,100	-1,232,734	282,279	-20.15%
External Affairs/Communication	2,516,211	301,945	2,214,266	190,316	7.56%
Finance	6,985,174	838,221	6,146,953	419,786	6.01%
Human Resources	1,319,043		1,319,043	146,659	11.12%
Investor Relations	181,497	21,780	159,717	35,827	19.74%
Legal	1,286,992	154,439	1,132,553	249,125	19.36%
Operation Services	-2,461,991	-295,439	-2,166,552	240,358	9.76%
Property	15,936,612	1,912,393	14,024,219	422,170	2.65%
Regulated Operations	-1,168,429	-140,211	-1,028,218	82,427	7.05%
Regulatory Services	573,322	68,799	504,523	29,487	5.14%
	<u>24,109,859</u>	<u>2,734,898</u>	<u>21,374,961</u>	<u>2,115,743</u>	<u>8.78%</u>
Business Services					
Belleville Laboratory	2,870,350	344,442	2,525,908	130,889	4.56%
Benefits Service Center	1,037,404		1,037,404	51,638	4.98%
Call Center	12,567,623		12,567,623	575,444	4.58%
ITS	12,287,839	1,474,541	10,813,298	887,440	7.22%
Shared Services Center	334,246	40,110	294,136	69,101	20.67%
Supply Chain	-1,818,079		-1,818,079	28,720	1.58%
	<u>27,279,383</u>	<u>1,859,092</u>	<u>25,420,291</u>	<u>1,743,232</u>	<u>6.39%</u>
Total All Other O&M	<u>51,389,242</u>	<u>4,593,990</u>	<u>46,795,252</u>	<u>3,858,975</u>	<u>7.51%</u>

CALIFORNIA AMERICAN WATER
 SERVICE COMPANY
 2010 GENERAL RATE CASE
 AUTHORIZED EXPENSES - BY FUNCTION

FILED: FINAL
 EXHIBIT: A-SC
 CHAPTER: 3
 SECTION: 1
 TABLE: 2

	Authorized Total Service Co.	Authorized Charged to Non-Reg	Authorized Charged to Regulated	Authorized Charged to CA-American	Charge %age CA-AM
Labor and Labor-Related					
Governance and Coporate Activities					
Total Authorized Expenses					
Governance and Coporate Activities					
Administration	0	0	0	0	0.00%
Audit	1,930,355	231,643	1,698,712	88,024	4.56%
Business Development	1,060,173	127,221	932,952	27,353	2.58%
External Affairs/Communication	5,577,553	669,306	4,908,247	550,526	9.87%
Finance	16,777,818	2,013,338	14,764,480	1,111,209	6.62%
Human Resources	4,082,411	0	4,082,411	484,096	11.86%
Investor Relations	691,178	82,941	608,237	31,518	4.56%
Legal	4,946,273	593,553	4,352,720	737,712	14.91%
Operation Services	5,211,191	625,343	4,585,848	667,116	12.80%
Property	17,468,997	2,096,280	15,372,717	492,047	2.82%
Regulated Operations	2,107,127	252,855	1,854,272	443,122	21.03%
Regulatory Services	1,087,893	130,547	957,346	49,608	4.56%
	<u>60,940,969</u>	<u>6,823,027</u>	<u>54,117,942</u>	<u>4,682,331</u>	<u>7.68%</u>
Business Services					
Belleville Laboratory	5,349,559	641,947	4,707,612	243,941	4.56%
Benefits Service Center	2,734,727	0	2,734,727	128,532	4.70%
Call Center	48,691,739	0	48,691,739	2,220,344	4.56%
ITS	33,204,917	3,984,590	29,220,327	1,514,144	4.56%
Shared Services Center	17,755,380	2,130,646	15,624,734	809,646	4.56%
Supply Chain	2,471,354	0	2,471,354	160,143	6.48%
	<u>110,207,676</u>	<u>6,757,183</u>	<u>103,450,493</u>	<u>5,076,750</u>	<u>4.61%</u>
Total Authorized Expenses	<u>171,148,645</u>	<u>13,580,210</u>	<u>157,568,435</u>	<u>9,759,081</u>	<u>5.70%</u>

Appendix C to the Order
 NSC
 LSC

6,633,500
3,099,100
9,732,600

References:

SC WP400 Calculated Calculated SC WP400 Calc

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
2005 RECORDED COSTS**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 1
TABLE: 3**

	2005 Total Service Co.	2005 Charged to Non-Regulated	2005 Charged to Regulated	2005 Charged to CA-American	Charge %age CA-AM
Governance and Corporate Activities					
Administration	\$ 17,626,256	\$ 7,377,130	\$ 10,249,127	\$ 673,687	3.822%
Audit	1,249,612	217,714	1,031,897	55,772	4.463%
Business Development	7,597,953	3,887,307	3,710,646	448,085	5.897%
External Affairs/Communication	7,517,272	919,383	6,597,890	510,022	6.785%
Finance	11,291,334	1,018,684	10,272,650	981,449	8.692%
Human Resources	16,348,824	1,122,049	15,226,775	913,169	5.586%
Investor Relations	-	-	-	-	
Legal	5,844,956	389,640	5,455,316	412,308	7.054%
Operation Services	10,500,998	1,109,506	9,391,492	521,177	4.963%
Property	5,631,514	1,336,416	4,295,098	235,496	4.182%
Regulated Operations	21,567,827	1,235,497	20,332,329	1,803,246	8.361%
Regulatory Services	1,316,664	85,725	1,230,940	68,111	5.173%
	106,493,210	18,699,051	87,794,159	6,622,523	6.219%
Business Services					
Belleville Laboratory	4,543,677	9,658	4,534,020	248,749	5.475%
Benefits Service Center	-	-	-	-	
Call Center	37,886,244	25,734	37,860,510	1,892,482	4.995%
ITS	24,743,503	645,597	24,097,906	1,311,995	5.302%
Shared Services Center	14,688,645	585,847	14,102,798	809,107	5.508%
Supply Chain	2,877,571	110,102	2,767,469	182,074	6.327%
	84,739,642	1,376,939	83,362,703	4,444,405	5.245%
Total	191,232,852	20,075,990	171,156,862	11,066,928	5.787%

References: SC Billing Records

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
2006 RECORDED COSTS**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
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TABLE: 4**

	2006 Total Service Co.	2006 Charged to Non-Regulated	2006 Charged to Regulated	2006 Charged to CA-American	Charge %age CA-AM
Governance and Corporate Activities					
Administration	\$ 40,602,987	\$ 3,124,361	\$ 37,478,625	\$ 2,699,133	6.648%
Audit	1,236,316	160,664	1,075,652	56,987	4.609%
Business Development	7,024,719	3,383,584	3,641,134	416,005	5.922%
External Affairs/Communication	6,968,295	870,239	6,098,056	430,167	6.173%
Finance	29,851,311	3,269,353	26,581,958	2,090,940	7.005%
Human Resources	9,549,494	932,509	8,616,986	508,501	5.325%
Investor Relations	251,686	30,698	220,988	11,738	4.664%
Legal	6,161,599	495,031	5,666,569	383,122	6.218%
Operation Services	10,743,145	651,891	10,091,254	519,743	4.838%
Property	8,264,408	1,382,115	6,882,293	351,971	4.259%
Regulated Operations	26,828,553	2,131,068	24,697,485	2,422,575	9.030%
Regulatory Services	2,449,364	261,297	2,188,067	115,405	4.712%
	149,931,876	16,692,810	133,239,066	10,006,288	6.674%
Business Services					
Belleville Laboratory	4,824,477	2,972	4,821,505	261,229	5.415%
Benefits Service Center	636,678	34,141	602,537	30,906	4.854%
Call Center	39,234,444	514,054	38,720,390	2,077,784	5.296%
ITS	25,662,766	1,447,869	24,214,898	1,295,855	5.050%
Shared Services Center	15,947,678	188,480	15,759,198	871,869	5.467%
Supply Chain	2,710,863	48,637	2,662,225	143,084	5.278%
	89,016,905	2,236,153	86,780,752	4,680,726	5.258%
Total	238,948,781	18,928,963	220,019,818	14,687,014	6.147%

References: SC Billing Records

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
2007 RECORDED COSTS**

**FILED:
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TABLE:**

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	2007 Total Service Co.	2007 Charged to Non-Regulated	2007 Charged to Regulated	2007 Charged to CA-American	Charge %age CA-AM
Governance and Corporate Activities					
Administration	\$ 5,481,896	\$ 1,276,074	\$ 4,205,822	\$ 275,688	5.029%
Audit	1,409,162	126,572	1,282,590	68,272	4.845%
Business Development	6,476,326	2,000,510	4,475,816	328,240	5.068%
External Affairs/Communication	6,065,590	432,924	5,632,666	460,240	7.588%
Finance	47,849,240	3,494,276	44,354,964	2,543,854	5.316%
Human Resources	8,809,374	1,043,028	7,766,346	466,234	5.292%
Investor Relations	402,959	36,544	366,415	19,608	4.866%
Legal	6,591,789	556,257	6,035,533	379,625	5.759%
Operation Services	10,561,554	311,498	10,250,056	647,993	6.135%
Property	10,638,164	1,084,593	9,553,571	524,688	4.932%
Regulated Operations	27,043,590	1,122,893	25,920,698	2,310,683	8.544%
Regulatory Services	1,061,089	312,400	748,689	40,136	3.783%
	132,390,734	11,797,568	120,593,166	8,065,262	6.092%
Business Services					
Belleville Laboratory	4,834,831	13,219	4,821,612	260,027	5.378%
Benefits Service Center	1,106,869	45,363	1,061,506	56,937	5.144%
Call Center	44,336,877	166,135	44,170,742	2,404,557	5.423%
ITS	27,910,190	1,139,290	26,770,900	1,501,741	5.381%
Shared Services Center	16,681,903	1,409,151	15,272,752	1,058,038	6.342%
Supply Chain	2,362,667	32,962	2,329,704	154,165	6.525%
	97,233,337	2,806,120	94,427,217	5,435,465	5.590%
Total	229,624,071	14,603,688	215,020,383	13,500,727	5.879%

References: SC Billing Records

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
2008 RECORDED COSTS**

**FILED:
EXHIBIT:
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TABLE:**

**FINAL
A-SC
3
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	2008 Total Service Co.	2008 Charged to Non-Regulated	2008 Charged to Regulated	2008 Charged to CA-American	Charge %age CA-AM
Governance and Corporate Activities					
Administration	\$ 6,465,302	\$ 1,020,998	\$ 5,444,303	\$ 271,238	4.195%
Audit	1,383,019	86,078	1,296,942	66,791	4.829%
Business Development	4,151,035	1,494,190	2,656,846	312,849	7.537%
External Affairs/Communication	6,717,841	398,051	6,319,790	531,792	7.916%
Finance	31,228,384	1,360,426	29,867,958	1,649,293	5.281%
Human Resources	9,287,888	755,419	8,532,470	456,350	4.913%
Investor Relations	769,714	355,797	413,917	21,288	2.766%
Legal	6,844,245	434,157	6,410,088	512,137	7.483%
Operation Services	11,235,333	234,757	11,000,576	728,075	6.480%
Property	13,150,773	1,262,964	11,887,809	630,978	4.798%
Regulated Operations	22,391,935	899,660	21,492,275	1,176,136	5.252%
Regulatory Services	372,187	51,205	320,983	16,554	4.448%
	113,997,658	8,353,701	105,643,957	6,373,479	5.591%
Business Services					
Belleville Laboratory	5,640,202	1,282	5,638,920	287,075	5.090%
Benefits Service Center	1,213,388	84,666	1,128,722	58,450	4.817%
Call Center	50,297,169	683,540	49,613,629	2,607,567	5.184%
ITS	37,629,799	1,473,543	36,156,256	1,886,417	5.013%
Shared Services Center	18,201,278	2,133,326	16,067,952	1,106,172	6.077%
Supply Chain	2,427,127	18,556	2,408,571	159,582	6.575%
	115,408,963	4,394,913	111,014,050	6,105,263	5.290%
Total	229,406,621	12,748,614	216,658,007	12,478,743	5.440%

References: SC Billing Records

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
2009 RECORDED COSTS**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 1
TABLE: 7**

	2009 Total Service Co.	2009 Charged to Non-Regulated	2009 Charged to Regulated	2009 Charged to CA-American	Charge %age CA-AM
Governance and Corporate Activities					
Administration	\$ 2,199,314	\$ 833,547	\$ 1,365,767	\$ 76,939	3.498%
Audit	\$ 1,800,222	\$ 153,265	\$ 1,646,958	\$ 84,705	4.705%
Business Development	\$ 3,677,912	\$ 1,075,172	\$ 2,602,740	\$ 176,631	4.802%
External Affairs/Communication	\$ 7,915,229	\$ 511,199	\$ 7,404,030	\$ 636,709	8.044%
Finance	\$ 24,328,833	\$ 1,090,027	\$ 23,238,806	\$ 1,114,967	4.583%
Human Resources	\$ 10,292,320	\$ 760,883	\$ 9,531,437	\$ 553,295	5.376%
Investor Relations	\$ 988,761	\$ 470,708	\$ 518,053	\$ 26,586	2.689%
Legal	\$ 7,646,444	\$ 433,094	\$ 7,213,351	\$ 568,379	7.433%
Operation Services	\$ 8,446,548	\$ 524,749	\$ 7,921,798	\$ 648,073	7.673%
Property	\$ 12,088,889	\$ 1,453,274	\$ 10,635,615	\$ 579,156	4.791%
Regulated Operations	\$ 18,726,526	\$ 698,346	\$ 18,028,180	\$ 982,463	5.246%
Regulatory Services	\$ 692,451	\$ 49,800	\$ 642,650	\$ 33,011	4.767%
	98,803,449	8,054,063	90,749,386	5,480,914	5.547%
Business Services					
Belleville Laboratory	5,294,296	-	\$ 5,294,296	277,329	5.238%
Benefits Service Center	1,492,782	176,214	\$ 1,316,567	72,480	4.855%
Call Center	48,630,984	764,281	\$ 47,866,703	2,482,242	5.104%
ITS	42,157,405	398,685	\$ 41,758,720	2,172,014	5.152%
Shared Services Center	18,894,909	2,242,280	\$ 16,652,629	1,058,618	5.603%
Supply Chain	2,430,902	36,543	\$ 2,394,359	150,910	6.208%
	118,901,276	3,618,002	115,283,274	6,213,593	5.226%
Total	217,704,726	11,672,065	206,032,660	11,694,507	5.372%

References : SC Billing Records

CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
2010 FORECASTED COSTS

FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 1
TABLE: 8

	2010 Total Service Co.	2010 Charged to Non-Regulated	2010 Charged to Regulated	2010 Charged to CA-American	Charge %age CA-AM	Non-Ratepayer Funded Expenses Charged to CA-American	2010 Adjusted Charged to CA-American
Governance and Corporate Activities							
Administration	\$ 2,275,260	\$ 862,330	\$ 1,412,929	\$ 79,596	3.498%	535	\$ 79,061
Audit	\$ 1,966,736	\$ 167,441	\$ 1,799,295	\$ 92,540	4.705%	0	\$ 92,540
Business Development	\$ 4,224,638	\$ 1,234,997	\$ 2,989,640	\$ 130,431	3.087%	0	\$ 130,431
External Affairs/Communication	\$ 8,872,083	\$ 572,997	\$ 8,299,086	\$ 713,679	8.044%	8,082	\$ 705,596
Finance	\$ 21,135,654	\$ 946,960	\$ 20,188,694	\$ 968,626	4.583%	0	\$ 968,626
Human Resources	\$ 11,610,117	\$ 858,304	\$ 10,751,814	\$ 624,138	5.376%	156	\$ 623,981
Investor Relations	\$ 1,244,595	\$ 592,501	\$ 652,095	\$ 33,466	2.689%	0	\$ 33,466
Legal	\$ 8,890,808	\$ 503,575	\$ 8,387,234	\$ 660,876	7.433%	0	\$ 660,876
Operation Services	\$ 8,204,279	\$ 509,698	\$ 7,694,581	\$ 577,470	7.039%	0	\$ 577,470
Property	\$ 11,931,823	\$ 1,434,392	\$ 10,497,431	\$ 571,631	4.791%	0	\$ 571,631
Regulated Operations	\$ 18,135,994	\$ 676,324	\$ 17,459,670	\$ 808,641	4.459%	42	\$ 808,599
Regulatory Services	\$ 724,507	\$ 52,106	\$ 672,401	\$ 34,539	4.767%	0	\$ 34,539
	99,216,494	8,411,624	90,804,871	5,295,633	5.337%	8,816	\$ 5,286,816
Business Services							
Belleville Laboratory	5,471,057	-	\$ 5,471,057	286,588	5.238%	0	286,588
Benefits Service Center	1,652,892	195,114	\$ 1,457,778	80,254	4.855%	0	80,254
Call Center	49,847,123	783,393	\$ 49,063,730	2,544,316	5.104%	67	2,544,250
ITS	51,695,115	488,883	\$ 51,206,232	2,663,411	5.152%	0	2,663,411
Shared Services Center	19,545,216	2,319,453	\$ 17,225,763	1,095,053	5.603%	8	1,095,045
Supply Chain	2,478,616	37,260	\$ 2,441,356	153,872	6.208%	0	153,872
	130,690,019	3,824,104	126,865,915	6,823,495	5.221%	74	6,823,421
Total	229,906,514	12,235,728	217,670,786	12,119,128	5.271%	8,891	12,110,237
References	SC WP102R	SC WP102R	Calc	SC WP102R	Calc	SC WP102R	Calc

CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
2011 FORECASTED COSTS

FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 1
TABLE: 9

	2011 Total Service Co.	2011 Charged to Non-Regulated	2011 Charged to Regulated	2011 Charged to CA-American	Charge %age CA-AM	Non-Ratepayer Funded Expenses Charged to CA-American	2011 Adjusted Charged to CA-American
Governance and Corporate Activities							
Administration	\$ 2,364,554	\$ 896,173	\$ 1,468,381	\$ 82,720	3.498%	556	\$ 82,164
Audit	\$ 2,054,502	\$ 174,913	\$ 1,879,589	\$ 96,669	4.705%	0	\$ 96,669
Business Development	\$ 4,387,765	\$ 1,282,684	\$ 3,105,081	\$ 135,468	3.087%	0	\$ 135,468
External Affairs/Communication	\$ 9,232,877	\$ 596,299	\$ 8,636,579	\$ 742,701	8.044%	8,411	\$ 734,290
Finance	\$ 22,163,313	\$ 993,003	\$ 21,170,310	\$ 1,015,723	4.583%	0	\$ 1,015,723
Human Resources	\$ 12,101,344	\$ 894,619	\$ 11,206,725	\$ 650,545	5.376%	163	\$ 650,382
Investor Relations	\$ 1,291,219	\$ 614,696	\$ 676,523	\$ 34,719	2.689%	0	\$ 34,719
Legal	\$ 9,260,221	\$ 524,498	\$ 8,735,723	\$ 688,335	7.433%	0	\$ 688,335
Operation Services	\$ 8,662,243	\$ 538,150	\$ 8,124,093	\$ 609,705	7.039%	0	\$ 609,705
Property	\$ 12,331,224	\$ 1,482,406	\$ 10,848,818	\$ 590,766	4.791%	0	\$ 590,766
Regulated Operations	\$ 18,968,853	\$ 707,383	\$ 18,261,470	\$ 845,776	4.459%	44	\$ 845,732
Regulatory Services	\$ 752,327	\$ 54,107	\$ 698,221	\$ 35,865	4.767%	0	\$ 35,865
	103,570,442	8,758,930	94,811,511	5,528,993	5.338%	9,174	\$ 5,519,818
Business Services							
Belleville Laboratory	\$ 5,777,306	-	\$ 5,777,306	302,631	5.238%	0	302,631
Benefits Service Center	\$ 1,744,322	205,907	\$ 1,538,415	84,694	4.855%	0	84,694
Call Center	\$ 53,117,810	834,795	\$ 52,283,014	2,711,260	5.104%	71	2,711,189
ITS	\$ 53,753,283	508,347	\$ 53,244,935	2,769,451	5.152%	0	2,769,451
Shared Services Center	\$ 20,646,796	2,450,178	\$ 18,196,617	1,156,770	5.603%	8	1,156,762
Supply Chain	\$ 2,643,868	39,744	\$ 2,604,123	164,131	6.208%	0	164,131
	137,683,384	4,038,972	133,644,412	7,188,937	5.221%	79	7,188,857
Total	241,253,826	12,797,903	228,455,923	12,717,929	5.272%	9,254	12,708,676
References	SC WP103R	SC WP103R	Calc	SC WP103R	Calc	SC WP103R	Calc

CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
2012 FORECASTED COSTS

FILED: FINAL
EXHIBIT: A-SC
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TABLE: 10

	2012 Total Service Co.	2012 Charged to Non-Regulated	2012 Charged to Regulated	2012 Charged to CA-American	Charge %age CA-AM	Non-Ratepayer Funded Expenses Charged to CA-American	2012 Adjusted Charged to CA-American
Governance and Corporate Activities							
Administration	\$ 2,443,010	\$ 925,908	\$ 1,517,102	\$ 85,465	3.498%	574	\$ 84,890
Audit	\$ 2,125,286	\$ 180,939	\$ 1,944,347	\$ 100,000	4.705%	0	\$ 100,000
Business Development	\$ 4,532,691	\$ 1,325,051	\$ 3,207,640	\$ 139,942	3.087%	0	\$ 139,942
External Affairs/Communication	\$ 9,542,341	\$ 616,285	\$ 8,926,056	\$ 767,595	8.044%	8,693	\$ 758,902
Finance	\$ 22,947,685	\$ 1,028,146	\$ 21,919,539	\$ 1,051,670	4.583%	0	\$ 1,051,670
Human Resources	\$ 12,511,663	\$ 924,952	\$ 11,586,710	\$ 672,603	5.376%	169	\$ 672,434
Investor Relations	\$ 1,333,513	\$ 634,831	\$ 698,682	\$ 35,856	2.689%	0	\$ 35,856
Legal	\$ 9,572,540	\$ 542,188	\$ 9,030,352	\$ 711,551	7.433%	0	\$ 711,551
Operation Services	\$ 8,983,273	\$ 558,094	\$ 8,425,179	\$ 632,301	7.039%	0	\$ 632,301
Property	\$ 12,723,349	\$ 1,529,546	\$ 11,193,804	\$ 609,552	4.791%	0	\$ 609,552
Regulated Operations	\$ 19,628,178	\$ 731,970	\$ 18,896,207	\$ 875,174	4.459%	46	\$ 875,128
Regulatory Services	\$ 777,138	\$ 55,891	\$ 721,247	\$ 37,048	4.767%	0	\$ 37,048
	107,120,667	9,053,801	98,066,866	5,718,756	5.339%	9,482	\$ 5,709,274
Business Services							
Belleville Laboratory	\$ 5,991,626	-	\$ 5,991,626	313,857	5.238%	0	313,857
Benefits Service Center	\$ 1,808,765	213,514	\$ 1,595,251	87,822	4.855%	0	87,822
Call Center	\$ 55,205,198	867,600	\$ 54,337,598	2,817,805	5.104%	74	2,817,731
ITS	\$ 55,544,079	525,283	\$ 55,018,796	2,861,716	5.152%	0	2,861,716
Shared Services Center	\$ 21,414,554	2,541,289	\$ 18,873,265	1,199,785	5.603%	8	1,199,777
Supply Chain	\$ 2,748,396	41,316	\$ 2,707,080	170,620	6.208%	0	170,620
	142,712,618	4,189,003	138,523,616	7,451,606	5.221%	82	7,451,524
Total	249,833,285	13,242,804	236,590,482	13,170,362	5.272%	9,564	13,160,798
References	SC WP104R	SC WP104R	Calc	SC WP104R	Calc	SC WP104R	Calc

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
2013 FORECASTED COSTS**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 1
TABLE: 11**

	2013 Total Service Co.	2013 Charged to Non-Regulated	2013 Charged to Regulated	2013 Charged to CA-American	Charge %age CA-AM	Non-Ratepayer Funded Expenses Charged to CA-American	2013 Adjusted Charged to CA-American
Governance and Corporate Activities							
Administration	\$ 2,522,415	\$ 956,003	\$ 1,566,412	\$ 88,242	3.498%	593	\$ 87,649
Audit	\$ 2,197,229	\$ 187,064	\$ 2,010,165	\$ 103,385	4.705%	0	\$ 103,385
Business Development	\$ 4,679,293	\$ 1,367,907	\$ 3,311,386	\$ 144,468	3.087%	0	\$ 144,468
External Affairs/Communication	\$ 9,855,907	\$ 636,537	\$ 9,219,371	\$ 792,819	8.044%	8,979	\$ 783,840
Finance	\$ 23,747,210	\$ 1,063,968	\$ 22,683,243	\$ 1,088,312	4.583%	0	\$ 1,088,312
Human Resources	\$ 12,927,962	\$ 955,728	\$ 11,972,233	\$ 694,982	5.376%	174	\$ 694,808
Investor Relations	\$ 1,376,255	\$ 655,178	\$ 721,077	\$ 37,006	2.689%	0	\$ 37,006
Legal	\$ 9,889,222	\$ 560,125	\$ 9,329,098	\$ 735,091	7.433%	0	\$ 735,091
Operation Services	\$ 9,312,074	\$ 578,521	\$ 8,733,553	\$ 655,444	7.039%	0	\$ 655,444
Property	\$ 13,118,247	\$ 1,577,018	\$ 11,541,228	\$ 628,470	4.791%	0	\$ 628,470
Regulated Operations	\$ 20,298,940	\$ 756,984	\$ 19,541,955	\$ 905,082	4.459%	47	\$ 905,034
Regulatory Services	\$ 802,231	\$ 57,696	\$ 744,535	\$ 38,244	4.767%	0	\$ 38,244
	110,726,985	9,352,730	101,374,255	5,911,545	5.339%	9,793	\$ 5,901,751
Business Services							
Belleville Laboratory	\$ 6,211,156	-	\$ 6,211,156	325,357	5.238%	0	325,357
Benefits Service Center	\$ 1,874,747	221,303	\$ 1,653,444	91,026	4.855%	0	91,026
Call Center	\$ 57,355,422	901,393	\$ 56,454,028	2,927,558	5.104%	77	2,927,481
ITS	\$ 57,357,371	542,431	\$ 56,814,939	2,955,140	5.152%	0	2,955,140
Shared Services Center	\$ 22,201,164	2,634,637	\$ 19,566,527	1,243,856	5.603%	9	1,243,848
Supply Chain	\$ 2,856,133	42,935	\$ 2,813,197	177,308	6.208%	0	177,308
	147,855,992	4,342,700	143,513,292	7,720,245	5.221%	85	7,720,159
Total	258,582,976	13,695,429	244,887,547	13,631,789	5.272%	9,879	13,621,911
References	SC WP105R	SC WP105R	Calc	SC WP105R	Calc	SC WP105R	Calc

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
SERVICE COMPANY FULL-TIME EQUIVALENTS (FTE'S)**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 2
TABLE: 1**

	Actual As Of 12/31/2009 Proposed Costs	Actual As Of 5/31/2008 Authorized Costs	Increase (Decrease)
Service Company Positions			
Centralized Services	1289	1,265	
Service Company IT Services - Eastern Division	12	21	
Service Company IT Services - Western Division	14	17	
Other Service Company Services - Eastern Division	131	0	
Authorized Division Services - LSC		48	
Other Service Company Services - Western Division	142	0	
	<u>1588</u>	<u>1,351</u>	
Centralized Services FTE'S			
Service Company - Centralized Services	1289	1,265	
Percent Allocable to California	5.15%	5.30%	
Centralized Services FTE's	<u>66.38</u>	<u>67.05</u>	<u>-0.66</u>
Service Company IT FTE'S			
Service Company IT Services - Eastern Division	12	21	
Percent Allocable to California	0.00%	0.00%	
IT Services FTE's - Eastern Division	<u>0</u>	<u>0</u>	<u>0.00</u>
Service Company IT Services - Western Division	14	17	
Percent Allocable to California	5.15%	5.30%	
IT Services FTE's - Western Division	<u>0.72</u>	<u>0.90</u>	<u>-0.18</u>
Other Service Company Services FTE'S			
Other Service Company Services - Eastern Division	131	0	
Percent Allocable to California	0.00%	0.00%	
Other Service Company Services FTE's - Eastern Division	<u>0</u>	<u>0</u>	<u>0.00</u>
Authorized Division Services - Former LSC		48	
Percent Allocable to California		45.00%	
	<u>0</u>	<u>21.6</u>	<u>-21.60</u>
Other Service Company Services - Western Division	142		
Percent Allocable to California	14.00%		
Other Service Company Services FTE's - Western Division	<u>19.88</u>		
Total Service Company FTE's	<u>86.98</u>	<u>89.55</u>	<u>-2.56</u>
Number of Customers (000's)	<u>172.4</u>	<u>170.1</u>	<u>2.3</u>
Inc (Dec) in Svc Co FTE's - Per 1000 Cust	<u>0.50453</u>	<u>0.52643</u>	<u>-0.02190</u>

References: SC WP106

CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
SERVICE CO FTE'S - RECORDED - PROPOSED - AUTHORIZED

FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 2
TABLE: 2

<u>Year</u>	<u>Total SC FTE's</u>
2005	67.39 (1)
2006	80.99 (1)
2007	89.51 (1)
2008	82.06 (1)
2009	86.98 (2)
Proposed	86.98 (2)
Authorized	89.55 (2)

References: (1) SC WP 107
(2) ExACh2Sc2Tbl1

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
SERVICE COMPANY MANAGEMENT FTE'S**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 2
TABLE: 3**

	Actual As Of 12/31/2009 Proposed Costs	Actual As Of 5/31/2008 Authorized Costs	Increase (Decrease)
Service Company Management Positions			
Centralized Services	231	191	
Service Company IT Services - Eastern Division	0	0	
Service Company IT Services - Western Division	0	0	
Other Service Company Services - Eastern Division	42	0	
Authorized Division Services - LSC		17	
Other Service Company Services - Western Division	54	5	
	<u>327</u>	<u>213</u>	
Centralized Services FTE'S			
Service Company - Centralized Services	231	213	
Percent Allocable to California	5.15%	5.30%	
Centralized Services FTE's	<u>11.90</u>	<u>11.29</u>	<u>0.61</u>
Service Company IT FTE'S			
Service Company IT Services - Eastern Division	0	0	
Percent Allocable to California	0.00%	0.00%	
IT Services FTE's - Eastern Division	<u>0</u>	<u>0</u>	<u>0.00</u>
Service Company IT Services - Western Division	0	0	
Percent Allocable to California	5.15%	5.30%	
IT Services FTE's - Western Division	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Other Service Company Services FTE'S			
Other Service Company Services - Eastern Division	42	0	
Percent Allocable to California	0.00%	0.00%	
Other Service Company Services FTE's - Eastern Division	<u>0</u>	<u>0</u>	<u>0.00</u>
Authorized Division Services - Former LSC		17	
Percent Allocable to California		45.00%	
	<u>0</u>	<u>7.65</u>	<u>-7.65</u>
Other Service Company Services - Western Division	54		
Percent Allocable to California	14.00%		
Other Service Company Services FTE's - Western Division	<u>7.56</u>		
Total Service Company FTE's	<u>19.46</u>	<u>18.94</u>	<u>0.52</u>
Number of Customers (000's)	<u>172.4</u>	<u>170.1</u>	<u>2.3</u>
Inc (Dec) in Svc Co FTE's - Per 1000 Cust	<u>0.11285</u>	<u>0.11134</u>	<u>0.00151</u>

References: SC WP108

CALIFORNIA AMERICAN WATER
 SERVICE COMPANY
 2010 GENERAL RATE CASE
 SERVICE CO MANAGEMENT FTE'S - RECORDED - PROPOSED - AUTHORIZED

FILED: FINAL
 EXHIBIT: A-SC
 CHAPTER: 3
 SECTION: 2
 TABLE: 4

	Percent Of Mgmt		
	Total FTE's	To Total FTE's	Mgmt FTE's
2005	67.39	21.15%	14.25
2006	80.99	21.15%	17.13
2007	89.51	21.15%	18.93
2008	82.06	21.15%	17.36
2009	86.98	22.37%	19.46
Proposed	86.98	22.37%	19.46
Authorized	89.55	21.15%	18.94
<hr/>			
Total SC FTE's Authorizec	89.55		
Total SC Mgmt FTE's Autf	18.94		
Percent of Mgmt Auth	<u>21.15%</u>		
Total SC FTE's Proposed	86.98		
Total SC Mgmt FTE's Prop	19.46		
Percent of Mgmt Prop	<u>22.37%</u>		

References: Calculated

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
CHANGE IN SERVICE COMPANY FTEs AND PERCENT OF INCREASE (DECREASE)**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 2
TABLE: 5**

	<u>Last Test Year Authorized</u>	<u>Last Recorded 5 Years</u>					<u>Proposed Test Year</u>	<u>Percent Increase Decrease</u>	<u>Percent Increase Decrease</u>
	2009	2005	2006	2007	2008	2009	2012	(Authorized/ Recorded)	(Authorized/ Proposed)
Total Svc Co FTEs	89.55	67.39	80.99	89.51	82.06	86.98	86.98	-2.94%	-2.94%
Total Svc Co FTEs - Management	18.94	14.25	17.13	18.93	17.36	19.46	19.46	2.66%	2.66%
Total Customers (000's)	170.1	169.7	170.7	171.3	171.6	171.4	172.4		
Total SC FTEs Per Customer	0.53	0.40	0.47	0.52	0.48	0.51	0.50	-3.71%	-4.34%
Total SC Mgmt FTEs Per Customer	0.11	0.08	0.10	0.11	0.10	0.11	0.11	1.94%	1.34%

References: Exhibit A-SC-Chapter 3-Section 2-Tables 2 and 4

**CALIFORNIA AMERICAN WATER
SERVICE COMPANY
2010 GENERAL RATE CASE
CHANGE IN SERVICE COMPANY PAYROLL AND PERCENT OF INCREASE (DECREASE)**

**FILED: FINAL
EXHIBIT: A-SC
CHAPTER: 3
SECTION: 2
TABLE: 6**

	Last Test Year Authorized	Last Recorded 5 Years					Proposed Test Year	Percent Increase	Percent Increase
	2009	2005	2006	2007	2008	2009	2012	=1- (Authorized/ Recorded)	=1- (Authorized/ Proposed)
Total Service Co Payroll Exp	8,994,178	7,384,147	10,177,023	9,393,559	8,522,650	8,448,192	9,723,609	-6.46%	7.50%
Svc Co Payroll Chgd to O&M	7,979,050	6,011,731	9,010,032	7,908,753	7,540,957	7,494,686	8,792,258	-6.46%	9.25%
Svc Co Payroll Chgd to Cap	1,015,128	1,372,416	1,166,991	1,484,806	981,693	953,506	931,351	-6.46%	-9.00%
Total Customers ('000's)	170.1	169.7	170.7	171.3	171.6	171.4	172.4		
Total Service Co Payroll Exp Per 1000 Customers	52,876	43,508	59,622	54,823	49,668	49,301	56,399	-7.25%	6.25%
Svc Co Payroll Exp Chgd to O&M Per 1000 Customers	46,908	35,421	52,785	46,157	43,947	43,737	50,997	-7.25%	8.02%
Svc Co Payroll Exp Chgd to Capital Per 1000 Customers	5,968	8,086	6,837	8,666	5,721	5,564	5,402	-7.25%	-10.47%

References: SC WP109

CALIFORNIA AMERICAN WATER
 SERVICE COMPANY
 2010 GENERAL RATE CASE
 ALLOCATION FACTORS BASED ON AVERAGE NUMBER OF CUSTOMERS

FILED: FINAL
 EXHIBIT: A-SC
 CHAPTER: 3
 SECTION: 3
 TABLE: 2

Average Number of Customers

	2005	2006	2007	2008	2009	5- Year Average	Percent	2010	2011	2012	Percent
Coronado	20,824	20,828	20,786	20,783	20,814	20,807	12.17%	20,859	20,873	20,887	12.12%
Village	20,741	20,866	20,963	20,886	20,762	20,844	12.19%	20,782	20,808	20,834	12.08%
Baldwin Hills	6,233	6,240	6,238	6,232	6,233			6,234	6,236	6,237	
Duarte	7,369	7,387	7,416	7,428	7,446			7,474	7,494	7,514	
San Marino	14,036	14,055	14,081	14,083	14,080			14,098	14,127	14,155	
Total Los Angeles	27,638	27,682	27,735	27,743	27,759	27,711	16.21%	27,806	27,857	27,906	16.19%
Monterey Water	39,324	39,378	39,836	40,137	39,994	39,734	23.24%	39,951	39,956	39,957	23.18%
Monterey Wastewater	2,333	2,307	2,273	2,447	2,590	2,390	1.40%	2,584	2,610	2,610	1.51%
Sacramento	56,509	57,261	57,367	56,815	56,648	56,920	33.30%	57,119	57,244	57,373	33.28%
Larkfield	2,351	2,372	2,383	2,370	2,381	2,371	1.39%	2,401	2,414	2,428	1.41%
Toro				411	411	164	0.10%	411	411	411	0.24%
Total	169,720	170,694	171,343	171,592	171,359	170,941	100.00%	171,913	172,173	172,406	100.00%

Reference: Revenue and Production Summary Workpapers