

Reported as of 4/1

**Water Supply & Reuse**

Reporting Unit:  
**So. California Water Company - Metro District**

Year:  
**2004**

**Water Supply Source Information**

Supply Source Name	Quantity (AF) Supplied	Supply Type
City of Cerritos	1983	Imported
SCWC RII	30457	Groundwater
Recycled		
California Water	269	Imported
Central Basin MWD	7929	Imported
West Basin MWD	31010	Imported

**Total AF: 71648**

Reported as of 4/1

**Accounts & Water Use**

Reporting Unit Name: Submitted to CUWCC Year:  
**So. California Water Company 03/01/2005 2004**  
**- Metro District**

**A. Service Area Population Information:**

1 Total service area population 349409

**B. Number of Accounts and Water Deliveries (AF)**

Type	Metered		Unmetered	
	No. of Accounts	Water Deliveries (AF)	No of Accounts	Water Deliveries (AF)
1. Single-Family	77166	28457	0	0
2. Multi-Family	16882	23613	0	0
3. Commercial	3200	8477	0	0
4. Industrial	253	1889	0	0
5 Institutional	690	3633	0	0
6. Dedicated Irrigation	112	225	0	0
7 Recycled Water	37	988	0	0
8 Other	1665	324	0	0
9 Unaccounted	NA	3490	NA	0
<b>Total</b>	<b>100005</b>	<b>71096</b>	<b>0</b>	<b>0</b>
		<b>Metered</b>		<b>Unmetered</b>

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**BMP 01: Water Survey Programs for Single-Family and Multi-Family Residential Customers**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2004**

**A. Implementation**

- 1 Based on your signed MOU date, 12/11/1991, your Agency STRATEGY DUE DATE is 12/10/1993
- 2 Has your agency developed and implemented a targeting/marketing strategy for SINGLE-FAMILY residential water use surveys? yes
  - a If YES, when was it implemented? 01/01/1996
- 3 Has your agency developed and implemented a targeting/marketing strategy for MULTI-FAMILY residential water use surveys? yes
  - a If YES, when was it implemented? 01/01/1996

**B. Water Survey Data**

Survey Counts:	Single Family Accounts	Multi-Family Units
1 Number of surveys offered:	0	0
2 Number of surveys completed:	0	0

**Indoor Survey:**

- 3 Check for leaks, including toilets, faucets and meter checks yes      no
- 4 Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary yes      no
- 5 Check toilet flow rates and offer to install or recommend installation of displacement device or direct customer to ULFT replacement program, as necessary; replace leaking toilet flapper, as necessary yes      no

**Outdoor Survey:**

- 6 Check irrigation system and timers yes      no
- 7 Review or develop customer irrigation schedule yes      no
- 8 Measure landscaped area (Recommended but not required for surveys) yes      no
- 9 Measure total irrigable area (Recommended but not required for surveys) yes      no
- 10 Which measurement method is typically used (Recommended but not required for surveys) Odometer Wheel
- 11 Were customers provided with information packets that included evaluation results and water savings recommendations? yes      no
- 12 Have the number of surveys offered and completed, survey results, and survey costs been tracked? yes      no

- a. If yes, in what form are surveys tracked? spreadsheet
- b. Describe how your agency tracks this information.

Once SCWC secures MWDSC funding through the member agencies, SCWC bids and hires a contractor to implement the program. The contractor is responsible for tracking the survey results for each customer, and entering the information into a database.

**C. Water Survey Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	150000	150000
2. Actual Expenditures	150000	

**D. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
  - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**E. Comments**

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**BMP 02: Residential Plumbing Retrofit**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2004**

**A. Implementation**

- 1 Is there an enforceable ordinance in effect in your service area requiring replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts? no
  - a If YES, list local jurisdictions in your service area and code or ordinance in each:
  
- 2 Has your agency satisfied the 75% saturation requirement for single-family housing units? no
- 3 Estimated percent of single-family households with low-flow showerheads: 27%
- 4 Has your agency satisfied the 75% saturation requirement for multi-family housing units? no
- 5 Estimated percent of multi-family households with low-flow showerheads: 27%
- 6 If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

**B. Low-Flow Device Distribution Information**

- 1 Has your agency developed a targeting/ marketing strategy for distributing low-flow devices? yes
  - a. If YES, when did your agency begin implementing this strategy? 01/01/1996
  - b. Describe your targeting/ marketing strategy.

Since 1996, SCWC has developed direct mail flyers to residents in various parts of SCWCs service territory advertising low-flow fixture programs.

Low-Flow Devices Distributed/ installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	750	750
3. Number of toilet-displacement devices distributed.	750	750
4. Number of toilet flappers distributed	750	750
5. Number of faucet aerators distributed	1500	1500

- 6 Does your agency track the distribution and cost of low-flow devices? yes
  - a If YES, in what format are low-flow devices tracked? Spreadsheet
  - b. If yes, describe your tracking and distribution system

The tracking and distribution is based on purchasing records and tracking quantity distributed at events

**C. Low-Flow Device Distribution Expenditures**

	<b>This Year</b>	<b>Next Year</b>
1. Budgeted Expenditures	60000	60000
2. Actual Expenditures	52692	

**D. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
  - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as "

**E. Comments**

Reported as of 4/1

**BMP 03: System Water Audits, Leak Detection and Repair**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2004**

**A. Implementation**

- 1. Has your agency completed a pre-screening system audit for this reporting year? yes
- 2. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production
  - a. Determine metered sales (AF) 67291
  - b. Determine other system verifiable uses (AF) 316
  - c. Determine total supply into the system (AF) 70870
  - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 0.95
- 3. Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production? yes
- 4. Did your agency complete a full-scale audit during this report year? yes
- 5. Does your agency maintain in-house records of audit results or the completed AWWA audit worksheets for the completed audit? yes
- 6. Does your agency operate a system leak detection program? yes
  - a. If yes, describe the leak detection program:

If unaccounted for water is above 7% in a particular system, then water audits are conducted on the affected system. All hydrants, valves and service connections are served. All large production meters are tested for accuracy

**B. Survey Data**

- 1. Total number of miles of distribution system line 954
- 2. Number of miles of distribution system line surveyed. 0

**C. System Audit / Leak Detection Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	1300000	1500000
2. Actual Expenditures	628500	

**D. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
  - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**E. Comments**

Reported as of 4/1

**BMP 04: Metering with Commodity Rates for all New Connections and Retrofit of Existing**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2004**

**A. Implementation**

- 1. Does your agency require meters for all new connections and bill by volume-of-use? yes
- 2. Does your agency have a program for retrofitting existing unmetered connections and bill by volume-of-use? no
  - a. If YES, when was the plan to retrofit and bill by volume-of-use existing unmetered connections completed?
  - b. Describe the program
- 3. Number of previously unmetered accounts fitted with meters during report year. 0

**B. Feasibility Study**

- 1. Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? no
  - a. If YES, when was the feasibility study conducted? (mm/dd/yy)
  - b. Describe the feasibility study:
- 2. Number of CII accounts with mixed-use meters 8621
- 3. Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period 0

**C. Meter Retrofit Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

**D. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
  - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**E. Comments**

All service connections in the Metropolitan District are metered and billed with commodity rates

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**BMP 05: Large Landscape Conservation Programs and Incentives**

Reporting Unit:  
**So. California Water Company - Metro District**      **BMP Form Status: 100% Complete**      **Year: 2004**

**A. Water Use Budgets**

- 1. Number of Dedicated Irrigation Meter Accounts: 112
- 2. Number of Dedicated Irrigation Meter Accounts with Water Budgets: 0
- 3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF): 0
- 4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF): 0
- 5. Does your agency provide water use notices to accounts with budgets each billing cycle? no

**B. Landscape Surveys**

- 1. Has your agency developed a marketing / targeting strategy for landscape surveys? yes
  - a. If YES, when did your agency begin implementing this strategy? 01/01/1996
  - b. Description of marketing / targeting strategy:

SCWC's Metropolitan District's targeting strategy is to partner with MWDSC's member agencies and utilize the expert resources of CBMWD and WBMWD to identify and retrofit SCWC's customer for recycle water use. SCWC identifies it's large use customers to CB/WBMWD, and entered into partnership agreements with the agencies and customers for system retrofit and recycle water use.

- 2. Number of Surveys Offered. 0
- 3. Number of Surveys Completed. 0
- 4. Indicate which of the following Landscape Elements are part of your survey:
  - a. Irrigation System Check yes
  - b. Distribution Uniformity Analysis yes
  - c. Review / Develop Irrigation Schedules yes
  - d. Measure Landscape Area yes
  - e. Measure Total Irrigable Area yes
  - f. Provide Customer Report / Information yes
- 5. Do you track survey offers and results? yes
- 6. Does your agency provide follow-up surveys for previously completed surveys? yes
  - a. If YES, describe below:

Follow-up provided by CB/WBMWD

**C. Other BMP 5 Actions**

- 1. An agency can provide mixed-use accounts with ETo-based landscape budgets in lieu of a large landscape survey program. no



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**BMP 06: High-Efficiency Washing Machine Rebate Programs**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2004**

**A. Implementation**

1. Do any energy service providers or waste water utilities in your service area offer rebates for high-efficiency washers? no  
 a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is.

2. Does your agency offer rebates for high-efficiency washers? no

3. What is the level of the rebate? 0

4. Number of rebates awarded. 0

**B. Rebate Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

**C. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no  
 a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**D. Comments**

SCWC's Metropolitan District partners with MWDC's member agencies, CBMWD and WBMWD to offer their rebate programs to SCWC customers. The rebate programs are shared with all customer service representatives in the Metropolitan District so that they can refer customers to them.

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**BMP 07: Public Information Programs**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2004**

**A. Implementation**

- 1 Does your agency maintain an active public information program to promote and educate customers about water conservation? yes
  - a. If YES, describe the program and how it's organized.

The Region Administration Manager and the Community & Customer Relations Administrator are involved in notifying the public of various conservation programs. They issue press releases, publish quarterly newsletters and use door tags and bill inserts to notify customers of future events. They issue press releases, publish quarterly newsletters and use door tags and bill inserts to notify customers of future events.

2 Indicate which and how many of the following activities are included in your public information program.

Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	no	0
b. Public Service Announcement	no	0
c. Bill Inserts / Newsletters / Brochures	yes	4
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	no	0
f. Special Events, Media Events	yes	6
g. Speaker's Bureau	no	
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

**B. Conservation Information Program Expenditures**

	This Year	Next Year
1 Budgeted Expenditures	50000	50000
2. Actual Expenditures	9000	

**C. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
  - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**D. Comments**

Reported as of 4/1

**BMP 08: School Education Programs**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2004**

**A. Implementation**

1. Has your agency implemented a school information program to promote water conservation? yes

2. Please provide information on your school programs (by grade level):

Grade	Are grade-appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	no	0	0	0
Grades 4th-6th	yes	226	7000	226
Grades 7th-8th	no	0	0	0
High School	no	0	0	0

3. Did your Agency's materials meet state education framework requirements? yes

4. When did your Agency begin implementing this program? 09/02/2004

**B. School Education Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	189000	200000
2. Actual Expenditures	187900	

**C. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**D. Comments**

Reported as of 4/1

**BMP 09: Conservation Programs for CII Accounts**

Reporting Unit:

**So. California Water  
Company - Metro  
District**

BMP Form Status:  
**100% Complete**

Year:  
**2004**

**A. Implementation**

- 1. Has your agency identified and ranked **COMMERCIAL** customers according to use? yes
- 2. Has your agency identified and ranked **INDUSTRIAL** customers according to use? yes
- 3. Has your agency identified and ranked **INSTITUTIONAL** customers according to use? yes

**Option A: CII Water Use Survey and Customer Incentives Program**

- 4. Is your agency operating a CII water use survey and customer incentives program for the purpose of complying with BMP 9 under this option? yes

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	0	0	0
b. Number of New Surveys Completed	0	0	0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	0
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	0
CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	yes	yes	yes
f. Evaluation of all water-using apparatus and processes	yes	yes	yes
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	yes	yes	yes
Agency CII Customer Incentives	Budget (\$/Year)	No. Awarded to Customers	Total \$ Amount Awarded
h. Rebates	0	0	0
i. Loans	0	0	0
j. Grants	0	0	0
k. Others	0	0	0

**Option B: CII Conservation Program Targets**

- 5. Does your agency track CII program interventions and water savings for the purpose of complying with BMP 9 under this option? yes
- 6. Does your agency document and maintain records on how savings were realized and the method of calculation for estimated savings? yes
- 7. Estimated annual savings (AF/yr) from site-verified actions taken by agency since 1991. 0
- 8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991. 0

**B. Conservation Program Expenditures for CII Accounts**

	This Year	Next Year
1. Budgeted Expenditures	10000	10000
2. Actual Expenditures	11488	

**C. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
  - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as"

**D. Comments**

SCWC's Metropolitan District has partnered with MWDSC's member agencies, CBMWD and WBMWD, to conduct CII account conservation programs. SCWC used CBMWD/WBMWD expert resources to target SCWC's CII customers. The program includes rebates for ULF Toilets (flushometer and tank), ULF Urinals (flushometer and waterless), high-efficiency clothes washers, cooling tower conductivity controllers, flush valve retrofits and pre-rinse self-closing spray heads.

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**BMP 09a: CII ULFT Water Savings**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2004**

1. Did your agency implement a CII ULFT replacement program in the reporting year? No  
 If No, please explain why on Line B 10

**A. Targeting and Marketing**

1. What basis does your agency use to target customers for participation in this program? Consumption ranking  
 Check all that apply.

a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended

Consumptive ranking was only method used to target customers

2. How does your agency advertise this program? Check all that apply Direct letter

a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

Direct letter was only advertising method employed

**B. Implementation**

1. Does your agency keep and maintain customer participant information? (Read the Help Information for a complete list of all the information for this BMP.) Yes

2. Would your agency be willing to share this information if the CUWCC did a study to evaluate the program on behalf of your agency? No

3. What is the total number of customer accounts participating in the program during the last year? 0

CII Subsector	Number of Toilets Replaced			
	Standard Gravity Tank	Air Assisted	Valve Floor Mount	Valve Wall Mount
a. Offices	0	0	0	0
b. Retail / Wholesale	0	0	0	0
c. Hotels	0	0	0	0
d. Health	0	0	0	0
e. Industrial	0	0	0	0
f. Schools: K to 12	0	0	0	0
g. Eating	0	0	0	0
h. Government	0	0	0	0
i. Churches	0	0	0	0
j. Other	0	0	0	0

- 5 Program design. Rebate or voucher
- 6 Does your agency use outside services to implement this program? Yes
  - a. If yes, check all that apply. Consultant
- 7 Participant tracking and follow-up. Letter
- 8. Based on your program experience, please rank on a scale of 1 to 5, with 1 being the least frequent cause and 5 being the most frequent cause, the following reasons why customers refused to participate in the program.
  - a Disruption to business 5
  - b Inadequate payback 5
  - c Inadequate ULFT performance 5
  - d. Lack of funding 5
  - e American's with Disabilities Act 5
  - f Permitting 5
  - g. Other. Please describe in B 9 5
- 9. Please describe general program acceptance/resistance by customers, obstacles to implementation, and other issues affecting program implementation or effectiveness.
  - None

10 Please provide a general assessment of the program for this reporting year. Did your program achieve its objectives? Were your targeting and marketing approaches effective? Were program costs in line with expectations and budgeting?

SCWC focused on residential ULFT distribution programs and will look to implement a future CII ULFT replacement program throughout SCWC's Metropolitan District

**C. Conservation Program Expenditures for CII ULFT**

1. CII ULFT Program: Annual Budget & Expenditure Data

	Budgeted	Actual Expenditure
a. Labor	0	0
b Materials	0	0
c Marketing & Advertising	0	0
d Administration & Overhead	0	0
e. Outside Services	0	0
f. Total	0	0

2 CII ULFT Program Annual Cost Sharing

a Wholesale agency contribution	0
b. State agency	0

contribution	
c. Federal agency contribution	0
d. Other contribution	0
e Total	0

**D. Comments**

SCWC's Metropolitan District has partnered with MWDSC's member agencies, CBMWD and WBMWD to conduct CII account conservation programs in the past and looks forward to implementing a future program

Reported as of 4/1

**BMP 11: Conservation Pricing**

Reporting Unit:

**So. California Water Company -  
Metro District**

BMP Form Status:  
**100% Complete**

Year:  
**2004**

**A. Implementation**

**Rate Structure Data Volumetric Rates for Water Service by Customer Class**

**1. Residential**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$42863777
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$8329077

**2. Commercial**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$21907152
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$4256890

**3. Industrial**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$1597043
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$310672

**4. Institutional / Government**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$3071693
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$1068639

**5. Irrigation**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$190653
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$105206

**6. Other**

a. Water Rate Structure	Uniform
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**BMP 12: Conservation Coordinator**

Reporting Unit:

**So. California  
Water Company -  
Metro District**

BMP Form Status:  
**100% Complete**

Year:  
**2004**

**A. Implementation**

- 1. Does your Agency have a conservation coordinator? yes
- 2. Is this a full-time position? no
- 3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program? no
- 4. Partner agency's name:
- 5. If your agency supplies the conservation coordinator
  - a. What percent is this conservation coordinator's position? 30%
  - b. Coordinator's Name Sylvia Beltran
  - c. Coordinator's Title Community & Customer Relations Administrator
  - d. Coordinator's Experience and Number of Years Thirteen years experience in implementing corporate programs and one year in implementing various conservation programs. Works with member agencies and contractors to develop and implement conservation programs. Responsible for keeping proper records, e.a., contracts, conservation credit funding proposals, event costs, marketing information, member agency contracts, etc.
  - e. Date Coordinator's position was created (mm/dd/yyyy) 04/01/1999
- 6. Number of conservation staff, including Conservation Coordinator. 3

**B. Conservation Staff Program Expenditures**

	This Year	Next Year
1 Budgeted Expenditures	80000	85000
2 Actual Expenditures	79000	

**C. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no
  - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as "

**D. Comments**



water softeners in educational efforts to encourage replacement of less efficient timer models? no

**C. Water Waste Prohibition Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

**D. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as"

**E. Comments**

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**BMP 14: Residential ULFT Replacement Programs**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2004**

**A. Implementation**

	Single-Family Accounts	Multi-Family Units
1 Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes
<b>Number of Toilets Replaced by Agency Program During Report Year</b>		
<b>Replacement Method</b>	<b>SF Accounts</b>	<b>MF Units</b>
2 Rebate	0	0
3 Direct Install	0	0
4 CBO Distribution	0	0
5 Other	0	0
<b>Total</b>	<b>0</b>	<b>0</b>

6 Describe your agency's ULFT program for single-family residences

SCWA partners with MWDSC member agencies in order to secure funding for programs. SCWC enters into contract agreements with MWDSC's member agencies to contribute funds and distribute ULFTs. SCWC hires contractors to implement the various ULFT programs. The contractor is responsible for implementing the program which includes customer database record keeping, ordering and distributing ULFTs, recycling, hiring CBO, paperwork etc. Up to two free ULFTs are provided to single-family residents who reside in SCWC's service area and who don't have ULFTs and who have not participated before.

7 Describe your agency's ULFT program for multi-family residences

SCWC enters into contract agreement with its member agencies in order to receive funding from MWDSC. SCWC also contributes funds to this program. After securing MWD and member agency funding, SCWC will bid and hire an experience contractor to implement the multi-family program. SCWC will provide customer information and assist the contractor with marketing. In order to provide the service to its customers, Free ULFTs, water efficient showerheads and aerators will be provided to its customers free of charge. The contractor will be in charge of data management for each customer.

8 Is a toilet retrofit or resale ordinance in effect for your service area? no

9. List local jurisdictions in your service area in the left box and ordinance citations in each jurisdiction in the right box

**B. Residential ULFT Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	38600	50000



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### Water Supply & Reuse

Reporting Unit:

**So. California Water Company - Metro District**

Year:

**2003**

#### Water Supply Source Information

Supply Source Name	Quantity (AF) Supplied	Supply Type
City of Cerritos	1930	Imported
City of South Gate	18	Imported
Southwest Suburban Water	1	Imported
California Water	1203	Imported
Central Basin MWD	6511	Imported
West Basin MWD	33678	Imported
Recycled	916	Recycled

**Total AF: 44257**

Reported as of 4/1

**Accounts & Water Use**

Reporting Unit Name: **So. California Water Company - Metro District** Submitted to CUWCC **03/01/2005** Year: **2003**

**A. Service Area Population Information:**

1. Total service area population 347702

**B. Number of Accounts and Water Deliveries (AF)**

Type	Metered		Unmetered	
	No. of Accounts	Water Deliveries (AF)	No. of Accounts	Water Deliveries (AF)
1. Single-Family	76848	28361	0	0
2 Multi-Family	16813	23533	0	0
3 Commercial	3186	8448	0	0
4 Industrial	255	1795	0	0
5. Institutional	682	3697	0	0
6. Dedicated Irrigation	96	189	0	0
7 Recycled Water	38	886	0	0
8 Other	1649	1861	0	0
9. Unaccounted	NA	798	NA	0
<b>Total</b>	<b>99567</b>	<b>69568</b>	<b>0</b>	<b>0</b>
		<b>Metered</b>		<b>Unmetered</b>

Reported as of 4/1

**BMP 01: Water Survey Programs for Single-Family and Multi-Family Residential Customers**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

- 1. Based on your signed MOU date, 12/11/1991, your Agency STRATEGY DUE DATE is: 12/10/1993
- 2. Has your agency developed and implemented a targeting/marketing strategy for SINGLE-FAMILY residential water use surveys? yes
  - a. If YES, when was it implemented? 01/01/1996
- 3. Has your agency developed and implemented a targeting/marketing strategy for MULTI-FAMILY residential water use surveys? yes
  - a. If YES, when was it implemented? 01/01/1996

**B. Water Survey Data**

Survey Counts:	Single Family Accounts	Multi-Family Units
1. Number of surveys offered.	0	0
2. Number of surveys completed:	0	0

**Indoor Survey:**

- 3. Check for leaks, including toilets, faucets and meter checks yes      no
- 4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary yes      no
- 5. Check toilet flow rates and offer to install or recommend installation of displacement device or direct customer to ULFT replacement program, as necessary, replace leaking toilet flapper, as necessary yes      no

**Outdoor Survey:**

- 6. Check irrigation system and timers yes      no
- 7. Review or develop customer irrigation schedule yes      no
- 8. Measure landscaped area (Recommended but not required for surveys) yes      no
- 9. Measure total irrigable area (Recommended but not required for surveys) yes      no
- 10. Which measurement method is typically used (Recommended but not required for surveys) Odometer Wheel
- 11. Were customers provided with information packets that included evaluation results and water savings recommendations? yes      no
- 12. Have the number of surveys offered and completed, survey results, and survey costs been tracked? yes      no

- a. If yes, in what form are surveys tracked? spreadsheet
- b Describe how your agency tracks this information.

Once SCWC secures MWDCS funding through the member agencies, SCWC bids and hires a contractor to implement the program. The contractor is responsible for tracking the survey results for each customer, and entering the information into a database.

**C. Water Survey Program Expenditures**

	This Year	Next Year
1 Budgeted Expenditures	0	150000
2. Actual Expenditures	0	

**D. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

- a If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as"

**E. Comments**

Reported as of 4/1

**BMP 02: Residential Plumbing Retrofit**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

- 1. Is there an enforceable ordinance in effect in your service area requiring replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts? no
  - a. If YES, list local jurisdictions in your service area and code or ordinance in each
  
- 2. Has your agency satisfied the 75% saturation requirement for single-family housing units? no
- 3. Estimated percent of single-family households with low-flow showerheads: 23%
- 4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? no
- 5. Estimated percent of multi-family households with low-flow showerheads: 23%
- 6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

**B. Low-Flow Device Distribution Information**

- 1. Has your agency developed a targeting/ marketing strategy for distributing low-flow devices? yes
  - a. If YES, when did your agency begin implementing this strategy? 01/01/1996
  - b. Describe your targeting/ marketing strategy

Since 1996, SCWC has developed direct mail flyers to residents in various parts of SCWCs service territory advertising low-flow fixture programs.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed	500	500
3. Number of toilet-displacement devices distributed	500	500
4. Number of toilet flappers distributed:	500	500
5. Number of faucet aerators distributed.	1000	1000
6. Does your agency track the distribution and cost of low-flow devices?		yes
a. If YES, in what format are low-flow devices tracked?		Spreadsheet
b. If yes, describe your tracking and distribution system .		

The tracking and distribution is based on purchasing records and tracking quantity distributed at events.

**C. Low-Flow Device Distribution Expenditures**

	<b>This Year</b>	<b>Next Year</b>
1. Budgeted Expenditures	45000	60000
2 Actual Expenditures	11955	

**D. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**E. Comments**

Reported as of 4/1

**BMP 03: System Water Audits, Leak Detection and Repair**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

- 1 Has your agency completed a pre-screening system audit for this reporting year? yes
- 2 If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production
  - a Determine metered sales (AF) 66927
  - b Determine other system verifiable uses (AF) 1844
  - c Determine total supply into the system (AF) 70185
  - d Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 0.98
- 3 Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production? yes
- 4 Did your agency complete a full-scale audit during this report year? yes
- 5 Does your agency maintain in-house records of audit results or the completed AWWA audit worksheets for the completed audit? yes
- 6 Does your agency operate a system leak detection program? yes
  - a. If yes, describe the leak detection program:

If unaccounted for water is above 7% in a particular system, then water audits are conducted on the affected system. All hydrants, valves and service connections are served. All large production meters are tested for accuracy.

**B. Survey Data**

- 1 Total number of miles of distribution system line. 954
- 2 Number of miles of distribution system line surveyed. 0

**C. System Audit / Leak Detection Program Expenditures**

	This Year	Next Year
1 Budgeted Expenditures	1600000	1300000
2 Actual Expenditures	1144900	

**D. "At Least As Effective As"**

- 1 Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
  - a If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as "

**E. Comments**

Reported as of 4/1

**BMP 04: Metering with Commodity Rates for all New Connections and Retrofit of Existing**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

- 1 Does your agency require meters for all new connections and bill by volume-of-use? yes
- 2 Does your agency have a program for retrofitting existing unmetered connections and bill by volume-of-use? no
  - a. If YES, when was the plan to retrofit and bill by volume-of-use existing unmetered connections completed?
  - b. Describe the program:
- 3. Number of previously unmetered accounts fitted with meters during report year 0

**B. Feasibility Study**

- 1 Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? no
  - a. If YES, when was the feasibility study conducted? (mm/dd/yy)
  - b. Describe the feasibility study:
- 2 Number of CII accounts with mixed-use meters. 6621
- 3 Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period 0

**C. Meter Retrofit Program Expenditures**

	This Year	Next Year
1 Budgeted Expenditures	0	0
2 Actual Expenditures	0	

**D. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
  - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**E. Comments**

All service connections in the Metropolitan District are metered and billed with commodity rates.

Reported as of 4/1

**BMP 05: Large Landscape Conservation Programs and Incentives**

Reporting Unit:

**So. California Water  
Company - Metro  
District**

**BMP Form Status:  
100% Complete**

**Year:  
2003**

**A. Water Use Budgets**

- 1 Number of Dedicated Irrigation Meter Accounts: 96
- 2. Number of Dedicated Irrigation Meter Accounts with Water Budgets: 0
- 3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF): 0
- 4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF): 0
- 5. Does your agency provide water use notices to accounts with budgets each billing cycle? no

**B. Landscape Surveys**

- 1 Has your agency developed a marketing / targeting strategy for landscape surveys? yes
  - a. If YES, when did your agency begin implementing this strategy? 01/01/1996
  - b Description of marketing / targeting strategy:

SCWC's Metropolitan District's targeting strategy is to partner with MWDC's member agencies and utilize the expert resources of CBMWD and WBMWD to identify and retrofit SCWC's customer for recycle water use. SCWC identifies it's large use customers to CBMWD, and entered into partnership agreements with the agencies and customers for system retrofit and recycle water use.

- 2 Number of Surveys Offered 0
- 3 Number of Surveys Completed. 0
- 4. Indicate which of the following Landscape Elements are part of your survey:
  - a Irrigation System Check no
  - b Distribution Uniformity Analysis no
  - c Review / Develop Irrigation Schedules no
  - d Measure Landscape Area no
  - e. Measure Total Irrigable Area no
  - f. Provide Customer Report / Information no
- 5. Do you track survey offers and results? no
- 6 Does your agency provide follow-up surveys for previously completed surveys? no
  - a If YES, describe below

**C. Other BMP 5 Actions**

- 1 An agency can provide mixed-use accounts with ETo-based landscape budgets in lieu of a large landscape survey program no

Does your agency provide mixed-use accounts with landscape budgets?

- 2. Number of CUI mixed-use accounts with landscape budgets 0
- 3. Do you offer landscape irrigation training? no
- 4. Does your agency offer financial incentives to improve landscape water use efficiency? no

Type of Financial Incentive:	Budget (Dollars/Year)	Number Awarded to Customers	Total Amount Awarded
------------------------------	-----------------------	-----------------------------	----------------------

- a. Rebates
- b. Loans
- c. Grants

5. Do you provide landscape water use efficiency information to new customers and customers changing services? yes

a. If YES, describe below:

Landscape water use efficiency information is provided to new customers via a customer guide available in all customer service offices

- 6. Do you have irrigated landscaping at your facilities? yes
  - a. If yes, is it water-efficient? no
  - b. If yes, does it have dedicated irrigation metering? no
- 7. Do you provide customer notices at the start of the irrigation season? no
- 8. Do you provide customer notices at the end of the irrigation season? no

**D. Landscape Conservation Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	289456	

**E. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**F. Comments**

Reported as of 4/1

**BMP 06: High-Efficiency Washing Machine Rebate Programs**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

1. Do any energy service providers or waste water utilities in your service area offer rebates for high-efficiency washers? no  
    a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is

2. Does your agency offer rebates for high-efficiency washers? no

3. What is the level of the rebate? 0

4. Number of rebates awarded 0

**B. Rebate Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

**C. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

    a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**D. Comments**

SCWC's Metropolitan District partners with MWDSC's member agencies, GBMWD and WBMWD to offer their rebate programs to SCWC customers. The rebate programs are shared with all customer service representatives in the Metropolitan District so that they can refer customers to them.

Reported as of 4/1

**BMP 07: Public Information Programs**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

1. Does your agency maintain an active public information program to promote and educate customers about water conservation? yes  
 a. If YES, describe the program and how it's organized

The Region Administration Manager and the Community & Customer Relations Administrator are involved in notifying the public of various conservation programs. They issue press releases, publish quarterly newsletters and use door tags and bill inserts to notify customers of future events. They issue press releases, publish quarterly newsletters and use door tags and bill inserts to notify customers of future events.

2. Indicate which and how many of the following activities are included in your public information program

Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	no	0
b. Public Service Announcement	no	0
c. Bill Inserts / Newsletters / Brochures	yes	4
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	no	0
f. Special Events, Media Events	yes	6
g. Speaker's Bureau	no	0
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

**B. Conservation Information Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	50000	50000
2. Actual Expenditures	9068	

**C. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No  
 a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**D. Comments**

Reported as of 4/1

**BMP 08: School Education Programs**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

1. Has your agency implemented a school information program to promote water conservation? yes

2. Please provide information on your school programs (by grade level):

Grade	Are grade-appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	no	0	0	0
Grades 4th-6th	yes	134	4144	134
Grades 7th-8th	no	0	0	0
High School	no	0	0	0

3. Did your Agency's materials meet state education framework requirements? yes

4. When did your Agency begin implementing this program? 01/05/2004

**B. School Education Program Expenditures**

	This Year	Next Year
1 Budgeted Expenditures	125000	190000
2 Actual Expenditures	121000	

**C. "At Least As Effective As"**

1 Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**D. Comments**

Reported as of 4/1

**BMP 09: Conservation Programs for CII Accounts**

Reporting Unit:

**So. California Water  
Company - Metro  
District**

**BMP Form Status:  
100% Complete**

**Year:  
2003**

**A. Implementation**

- 1. Has your agency identified and ranked **COMMERCIAL** customers according to use? yes
- 2. Has your agency identified and ranked **INDUSTRIAL** customers according to use? yes
- 3. Has your agency identified and ranked **INSTITUTIONAL** customers according to use? yes

**Option A: CII Water Use Survey and Customer Incentives Program**

- 4. Is your agency operating a CII water use survey and customer incentives program for the purpose of complying with BMP 9 under this option? yes

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	0	0	0
b. Number of New Surveys Completed	0	0	0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	0
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	0
CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	yes	yes	yes
f. Evaluation of all water-using apparatus and processes	yes	yes	yes
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	yes	yes	yes
Agency CII Customer Incentives	Budget (\$/Year)	No. Awarded to Customers	Total \$ Amount Awarded
h. Rebates	0	0	0
i. Loans	0	0	0
j. Grants	0	0	0
k. Others	0	0	0

**Option B: CII Conservation Program Targets**

- 5. Does your agency track CII program interventions and water savings for the purpose of complying with BMP 9 under this option? yes
- 6. Does your agency document and maintain records on how savings were realized and the method of calculation for estimated savings? yes
- 7. Estimated annual savings (AF/yr) from site-verified actions taken by agency since 1991. 0
- 8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991. 0

**B. Conservation Program Expenditures for CII Accounts**

	This Year	Next Year
1. Budgeted Expenditures	10000	10000
2. Actual Expenditures	9500	

**C. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
  - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**D. Comments**

SCWC's Metropolitan District has partnered with MWDSC's member agencies, CBMWD and WBMWD, to conduct CII account conservation programs. SCWC used CB/WBMWD expert resources to target SCWC's CII customers. The program includes rebates for ULF Toilets (flushometer and tank), ULF Urinals (flushometer and waterless), high-efficiency clothes washers, cooling tower conductivity controllers, flush valve retrofits and pre-rinse self-closing spray heads.

Reported as of 4/1

**BMP 09a: CII ULFT Water Savings**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

1 Did your agency implement a CII ULFT replacement program in the reporting year? Yes  
 If No, please explain why on Line B 10

**A. Targeting and Marketing**

1. What basis does your agency use to target customers for participation in this program? Consumption ranking  
 Check all that apply.

a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

Consumptive ranking was onymethod used to target customers.

2 How does your agency advertise this program? Check all that apply. Direct letter

a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended

Direct letter was only advertising method employed.

**B. Implementation**

1 Does your agency keep and maintain customer participant information? (Read the Help information for a complete list of all the information for this BMP ) Yes

2. Would your agency be willing to share this information if the CUWCC did a study to evaluate the program on behalf of your agency? No

3 What is the total number of customer accounts participating in the program during the last year ? 23

CII Subsector	Number of Toilets Replaced			
	Standard Gravity Tank	Air Assisted	Valve Floor Mount	Valve Wall Mount
4. a. Offices	0	0	0	0
b. Retail / Wholesale	0	0	0	0
c. Hotels	23	0	0	0
d. Health	0	0	0	0
e. Industrial	0	0	0	0
f. Schools. K to 12	0	0	0	0
g. Eating	0	0	0	0
h. Govern-ment	0	0	0	0
i. Churches	0	0	0	0

j. Other 0 0 0 0

5. Program design.

Rebate or voucher

6. Does your agency use outside services to implement this program? Yes

a. If yes, check all that apply

Consultant

7. Participant tracking and follow-up

Letter

8. Based on your program experience, please rank on a scale of 1 to 5, with 1 being the least frequent cause and 5 being the most frequent cause, the following reasons why customers refused to participate in the program.

- a. Disruption to business 5
- b. Inadequate payback 5
- c. Inadequate ULFT performance 5
- d. Lack of funding 5
- e. American's with Disabilities Act 5
- f. Permitting 5
- g. Other. Please describe in B 9. 5

9. Please describe general program acceptance/resistance by customers, obstacles to implementation, and other issues affecting program implementation or effectiveness

None

10. Please provide a general assessment of the program for this reporting year. Did your program achieve its objectives? Were your targeting and marketing approaches effective? Were program costs in line with expectations and budgeting?

Program costs were 100% more than anticipated as there was no budget for this program.

**C. Conservation Program Expenditures for CII ULFT**

1. CII ULFT Program: Annual Budget & Expenditure Data

	Budgeted	Actual Expenditure
a. Labor	0	0
b. Materials	0	0
c. Marketing & Advertising	0	0
d. Administration & Overhead	1000	1000
e. Outside Services	0	0
f. Total	1000	1000

2. CII ULFT Program Annual Cost Sharing

a. Wholesale agency contribution	2260
b. State agency contribution	0

c. Federal agency contribution	1480
d. Other contribution	0
e. Total	3740

**D. Comments**

SCWC's Metropolitan District has partnered with MWDC's member agencies, CBMWD and WBMWD to conduct CII account conservation programs. SCWC used CBMWD/WBMWD expert resources to target SCWC's CII customers. The program included rebates for ULF Toilets (flushometer and tank), ULF Urinals (flushometer and waterless), high-efficiency clothes washers, cooling tower conductivity controllers, flush valve retrofits and pre-rinse self-closing spray heads

Reported as of 4/1

**BMP 11: Conservation Pricing**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

**Rate Structure Data Volumetric Rates for Water Service by Customer Class**

**1. Residential**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$42608049
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$18658510

**2. Commercial**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$8279386
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$3625630

**3. Industrial**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$1513966
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$251392

**4. Institutional / Government**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$3118395
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$882439

**5. Irrigation**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$159739
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$77294

**6. Other**

a. Water Rate Structure	Uniform
-------------------------	---------

b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$423127
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$38822

**B. Conservation Pricing Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

**C. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**D. Comments**

SCWC's Metropolitan District misunderstood the instructions for 2001 and 2002 for separating out volumetric and non-volumetric. Hence, 2003 & 2004 appear to erroneously have increased non-volumetric rates. Correction was made to 2003 & 2004 information

**BMP 12: Conservation Coordinator**

Reporting Unit:

**So. California  
Water Company -  
Metro District**

BMP Form Status:  
**100% Complete**

Year:  
**2003**

**A. Implementation**

- 1 Does your Agency have a conservation coordinator? yes
- 2 Is this a full-time position? no
- 3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program? no
- 4. Partner agency's name:

5 If your agency supplies the conservation coordinator:

- a What percent is this conservation coordinator's position? 30%
- b. Coordinator's Name Renee Smith
- c. Coordinator's Title Region Administration Manager
- d Coordinator's Experience and Number of Years Six years experience in implementing various conservation programs. Works with the member agencies and contractors to develop and implement conservation programs. Responsible for keeping proper records, e.g., contracts, conservation credit funding proposals, event costs, marketing information, member agency contracts, etc. Also responsible for submitting customer databases and invoices to its member agencies
- e Date Coordinator's position was created (mm/dd/yyyy) 04/01/1997

6 Number of conservation staff, including Conservation Coordinator 3

**B. Conservation Staff Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	70000	80000
2. Actual Expenditures	77500	

**C. "At Least As Effective As"**

- 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no
  - a If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

**D. Comments**



Reported as of 4/1

**BMP 13: Water Waste Prohibition**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Requirements for Documenting BMP Implementation**

- 1. Is a water waste prohibition ordinance in effect in your service area? yes
  - a. If YES, describe the ordinance:
 

CPUC Tariff Rule 14-1
- 2. Is a copy of the most current ordinance(s) on file with CUWCC? no
  - a. List local jurisdictions in your service area in the first text box and water waste ordinance citations in each jurisdiction in the second text box
 

n/a n/a

**B. Implementation**

- 1. Indicate which of the water uses listed below are prohibited by your agency or service area.
  - a. Gutter flooding yes
  - b. Single-pass cooling systems for new connections no
  - c. Non-recirculating systems in all new conveyor or car wash systems no
  - d. Non-recirculating systems in all new commercial laundry systems no
  - e. Non-recirculating systems in all new decorative fountains yes
  - f. Other, please name no

2. Describe measures that prohibit water uses listed above:

Water uses listed above are prohibited in stages 2,3, and 4 of a water shortage (greater than 10% water shortage)

**Water Softeners:**

- 3. Indicate which of the following measures your agency has supported in developing state law:
  - a. Allow the sale of more efficient, demand-initiated regenerating DIR models. no
  - b. Develop minimum appliance efficiency standards that:
    - i.) Increase the regeneration efficiency standard to at least 3,350 grains of hardness removed per pound of common salt used. no
    - ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced no
  - c. Allow local agencies, including municipalities and special districts, to set more stringent standards and/or to ban on-site regeneration of water softeners if it is demonstrated and found by the agency governing board that there is an adverse effect on the reclaimed water or groundwater supply no
- 4. Does your agency include water softener checks in home water audit programs? no
- 5. Does your agency include information about DIR and exchange-type

water softeners in educational efforts to encourage replacement of less efficient timer models? no

**C. Water Waste Prohibition Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

**D. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as"

**E. Comments**

Reported as of 4/1

**BMP 14: Residential ULFT Replacement Programs**

Reporting Unit: **So. California Water Company - Metro District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

	Single-Family Accounts	Multi- Family Units
1. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes

**Number of Toilets Replaced by Agency Program During Report Year**

Replacement Method	SF Accounts	MF Units
2. Rebate	0	0
3. Direct Install	0	0
4. CBO Distribution	0	0
5. Other	0	0
<b>Total</b>	<b>0</b>	<b>0</b>

6. Describe your agency's ULFT program for single-family residences.

SCWA partners with MWDSC member agencies in order to secure funding for programs. SCWC enters into contract agreements with MWDSC's member agencies to contribute funds and distribute ULFTs. SCWC hires contractors to implement the various ULFT programs. The contractor is responsible for implementing the program which includes: customer database record keeping, ordering and distributing ULFTs, recycling, hiring CBO, paperwork etc. Up to two free ULFTs are provided to single-family residents who reside in SCWC's service area and who don't have ULFTs and who have not participated before.

7. Describe your agency's ULFT program for multi-family residences

SCWC enters into contract agreement with its member agencies in order to receive funding from MWDSC. SCWC also contributes funds to this program. After securing MWD and member agency funding, SCWC will bid and hire an experience contractor to implement the multi-family program. SCWC will provide customer information and assist the contractor with marketing in order to provide the service to its customers. Free ULFTs, water efficient showerheads and aerators will be provided to its customers free of charge. The contractor will be in charge of data management for each customer.

8. Is a toilet retrofit or resale ordinance in effect for your service area? no

9. List local jurisdictions in your service area in the left box and ordinance citations in each jurisdiction in the right box:

**B. Residential ULFT Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	30000	40000

2 Actual Expenditures 25000

**C. "At Least As Effective As"**

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as "

**D. Comments**

Reported as of 4/1

### BMP 01 Coverage: Water Survey Programs for Single-Family and Multi-Family Residential Customers

Reporting Unit: So. California Water Company - Metro District  
 Reporting Period: 03-04

#### MOU Exhibit 1 Coverage Requirement

No exemption request filed  
 Agency Indicated "at least as effective as" implementation during report period? No

A Reporting Unit (RU) must meet three conditions to satisfy strict compliance for BMP 1

- Condition 1: Adopt survey targeting and marketing strategy on time
- Condition 2: Offer surveys to 20% of SF accounts and 20% of MF units during report period
- Condition 3: Be on track to survey 15% of SF accounts and 15% of MF units within 10 years of implementation start date.

#### Test for Condition 1

So. California Water Company - M-  
 Implement Targeting/Mark

Year So. California Water Co.  
 Reported Implementing Target  
 So. California Water Company  
 Targeting/Marketing Coverage

*Coverage report 2003-04*

Why

#### Test for Condition 2

Survey Program to Start by	1998			
Reporting Period	03-04	20%	NO	NO

#### Test for Condition 3

	Completed Residential Surveys	
	Single Family	Multi-Family
Total Completed Surveys 1999 - 2004:	8,870	
Past Credit for Surveys Completed Prior to 1999 (Implementation of Reporting Database):	2,090	
<b>Total + Credit</b>	<b>10,960</b>	

Reported as of 4/1

**BMP 02 Coverage: Residential Plumbing Retrofit**

Reporting Unit  
**So. California Water Company - Metro District**  
**MOU Exhibit 1 Coverage Requirement**

Reporting Period:  
**03-04**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? No

An agency must meet one of three conditions to satisfy strict compliance for BMP 2.

Condition 1: The agency has demonstrated that 75% of SF accounts and 75% of MF units constructed prior to 1992 are fitted with low-flow showerheads.

Condition 2: An enforceable ordinance requiring the replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts is in place for the agency's service area.

Condition 3: The agency has distributed or directly installed low-flow showerheads and other lowflow plumbing devices to not less than 10% of single-family accounts and 10% of multi-family units constructed prior to 1992 during the reporting period

**Test for Condition 1**

Report Year	Report Period	Single-Family		Multi-Family	
		Reported Saturation	Saturation > 75%?	Reported Saturation	Saturation > 75%?
1999	99-00	19.00%	NO	19.00%	NO
2000	99-00	19.00%	NO	19.00%	NO
2001	01-02	19.00%	NO	19.00%	NO
2002	01-02	19.00%	NO	19.00%	NO
2003	03-04	23.00%	NO	23.00%	NO
2004	03-04	27.00%	NO	27.00%	NO

**Test for Condition 2**

Report Year	Report Period	So. California Water Company - Metro District has ordinance requiring showerhead retrofit?
1999	99-00	NO
2000	99-00	NO
2001	01-02	NO
2002	01-02	NO
2003	03-04	NO
2004	03-04	NO

**Test for Condition 3**

Reporting Period: 03-04			
1992 SF Accounts	Num. Showerheads Distributed to SF Accounts	Single-Family Coverage Ratio	SF Coverage Ratio > 10%
73,225	1,250	1.7%	NO
1992 MF Accounts	Num. Showerheads Distributed to MF Accounts	Multi-Family Coverage Ratio	MF Coverage Ratio > 10%

56,616                      1,250    2.2%                      NO

**BMP 2 COVERAGE STATUS SUMMARY:**

**Water supplier has not met one or more coverage requirements for this BMP.**

Reported as of 4/1

**BMP 03 Coverage: System Water Audits, Leak Detection and Repair**

Reporting Unit:  
**So. California Water Company - Metro District**  
**MOU Exhibit 1 Coverage Requirement**

Reporting Period:  
**03-04**

No exemption request filed

Agency Indicated "at least as effective as" implementation during report period?

No

An agency must meet one of two conditions to be in compliance with BMP 3:

Condition 1: Perform a prescreening audit. If the result is equal to or greater than 0.9 nothing more needs be done.

Condition 2: Perform a prescreening audit. If the result is less than 0.9, perform a full audit in accordance with AWWA's Manual of Water Supply Practices, Water Audits, and Leak Detection.

**Test for Conditions 1 and 2**

Report Year	Report Period	Pre-Screen Completed	Pre-Screen Result	Full Audit Indicated	Full Audit Completed
1999	99-00	YES	97.1%	No	YES
2000	99-00	YES	98.9%	No	YES
2001	01-02	YES	99.2%	No	YES
2002	01-02	YES	96.8%	No	YES
2003	03-04	YES	98.0%	No	YES
2004	03-04	YES	95.4%	No	YES

**BMP 3 COVERAGE STATUS SUMMARY:**

Water supplier is meeting coverage requirements for this BMP.

Reported as of 4/1

### BMP 04 Coverage: Metering with Commodity Rates for all New Connections and Retrofit of Existing

Reporting Unit  
So. California Water  
Company - Metro District

Reporting Period:  
03-04

#### MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must be on track to retrofit 100% of its unmetered accounts within 10 years to be in compliance with BMP 4.

#### Test for Compliance

Total Meter Retrofits  
Reported through 2004

No. of Unmetered Accounts  
in Base Year

Meter Retrofit Coverage as  
% of Base Year Unmetered  
Accounts

Coverage Requirement by  
Year 6 of Implementation per  
Exhibit 1

42.0%

RU on Schedule to meet 10  
Year Coverage Requirement

YES

#### BMP 4 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

Reported as of 4/1

**BMP 05 Coverage: Large Landscape Conservation Programs and Incentives**

Reporting Unit:  
**So. California Water Company - Metro District**  
**MOU Exhibit 1 Coverage Requirement**

Reporting Period:  
**03-04**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? No

An agency must meet three conditions to comply with BMP 5.

Condition 1: Develop water budgets for 90% of its dedicated landscape meter accounts within four years of the date implementation is to start.

Condition 2: (a) Offer landscape surveys to at least 20% of its CII accounts with mixed use meters each report cycle and be on track to survey at least 15% of its CII accounts with mixed use meters within 10 years of the date implementation is to start OR (b) Implement a dedicated landscape meter retrofit program for CII accounts with mixed use meters or assign landscape budgets to mixed use meters.

Condition 3: Implement and maintain customer incentive program(s) for irrigation equipment retrofits.

**Test for Condition 1**

Year	Report Period	BMP 5 Implementation Year	No. of Irrigation Meter Accounts	No. of Irrigation Accounts with Budgets	Budget Coverage Ratio	90% Coverage Met by Year 4
1999	99-00	1	504			NA
2000	99-00	2	27			NA
2001	01-02	3	40			NA
2002	01-02	4	54			No
2003	03-04	5	96			No
2004	03-04	6	112			No

**Test for Condition 2a (survey offers)**

Select Reporting Period: 03-04  
 Large Landscape Survey Offers as % of Mixed Use Meter CII Accounts  
 Survey Offers Equal or Exceed 20% Coverage Requirement NO

**Test for Condition 2a (surveys completed)**

Total Completed Landscape Surveys Reported through Credit for Surveys Completed Prior to Implementation of Reporting Database 6  
 Total + Credit 6  
 CII Accounts in Base Year 6,621  
 RU Survey Coverage as a % of Base Year CII Accounts 0.1%  
 Coverage Requirement by Year of Implementation per Exhibit 1 6.3%  
 RU on Schedule to Meet 10 Year Coverage

Requirement NO

**Test for Condition 2b (mixed use budget or meter retrofit program)**

<u>Report Year</u>	<u>Report Period</u>	<u>BMP 5 Implementation Year</u>	<u>Agency has mixed-use budget program</u>	<u>No. of mixed-use budgets</u>
1999	99-00	1	NO	
2000	99-00	2	NO	
2001	01-02	3	NO	
2002	01-02	4	NO	
2003	03-04	5	NO	
2004	03-04	6	NO	

  

<u>Report Year</u>	<u>Report Period</u>	<u>BMP 4 Implementation Year</u>	<u>No. of mixed use CII accounts</u>	<u>No. of mixed use CII accounts filled with trig. meters</u>
1999	99-00	1	6,621	
2000	99-00	2	6,621	
2001	01-02	3	6,621	
2002	01-02	4	6,621	
2003	03-04	5	6,621	
2004	03-04	6	6,621	

**Test for Condition 3**

<u>Report Year</u>	<u>Report Period</u>	<u>BMP 5 Implementation Year</u>	<u>RU offers financial incentives?</u>	<u>No. of Loans</u>	<u>Total Amt. Loans</u>
1999	99-00	1	YES		
2000	99-00	2	NO		
2001	01-02	3	NO		
2002	01-02	4	NO		
2003	03-04	5	NO		
2004	03-04	6	NO		

  

<u>Report Year</u>	<u>Report Period</u>	<u>No. of Grants</u>	<u>Total Amt Grants</u>	<u>No. of rebates</u>	<u>Total Amt Rebates</u>
1999	99-00				
2000	99-00				
2001	01-02				
2002	01-02				
2003	03-04				
2004	03-04				

**BMP 5 COVERAGE STATUS SUMMARY:**

**Water supplier has not met one or more coverage requirements for this BMP.**

Reported as of 4/1

### BMP 06 Coverage: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:  
**So. California Water Company - Metro District**  
**MOU Exhibit 1 Coverage Requirement**

Reporting Period:  
**03-04**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? No

An agency must meet one condition to comply with BMP 6.

Condition 1 Offer a cost-effective financial incentive for high-efficiency washers if one or more energy service providers in service area offer financial incentives for high-efficiency washers.

#### Test for Condition 1

Year	Report Period	BMP 6 Implementation Year	Rebate Offered by ESP?	Rebate Offered by RU?	Rebate Amount
1999	99-00	1	NO	NO	
2000	99-00	2	NO	NO	
2001	01-02	3	NO	NO	
2002	01-02	4	NO	NO	
2003	03-04	5	NO	NO	
2004	03-04	6	NO	NO	

Year	Report Period	BMP 6 Implementation Year	No Rebates Awarded	Coverage Met?
1999	99-00	1		YES
2000	99-00	2		YES
2001	01-02	3		YES
2002	01-02	4		YES
2003	03-04	5		YES
2004	03-04	6		YES

#### BMP 6 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

Reported as of 4/1

**BMP 07 Coverage: Public Information Programs**

Reporting Unit: **So. California Water Company - Metro District** Reporting Period: **03-04**

**MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency Indicated "at least as effective as" implementation during report period? **No**

An agency must meet one condition to comply with BMP 7.

Condition 1. Implement and maintain a public information program consistent with BMP 7's definition.

**Test for Condition 1**

Year	Report Period	BMP 7 Implementation Year	RJ Has Public Information Program?
1999	99-00	2	YES
2000	99-00	3	YES
2001	01-02	4	YES
2002	01-02	5	YES
2003	03-04	6	YES
2004	03-04	7	YES

**BMP 7 COVERAGE STATUS SUMMARY:**

Water supplier is meeting coverage requirements for this BMP.

Reported as of 4/1

**BMP 08 Coverage: School Education Programs**

Reporting Unit:  
**So. California Water Company - Metro District**  
**MOU Exhibit 1 Coverage Requirement**

Reporting Period:  
**03-04**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? No

An agency must meet one condition to comply with BMP 8.

Condition 1. Implement and maintain a school education program consistent with BMP 8's definition.

**Test for Condition 1**

Year	Report Period	BMP 8 Implementation Year	RU Has School Education Program?
1999	99-00	2	YES
2000	99-00	3	YES
2001	01-02	4	YES
2002	01-02	5	YES
2003	03-04	6	YES
2004	03-04	7	YES

**BMP 8 COVERAGE STATUS SUMMARY:**

**Water supplier is meeting coverage requirements for this BMP.**

**BMP 09 Coverage: Conservation Programs for CII Accounts**

Reporting Unit:  
**So. California Water Company - Metro District**  
**MOU Exhibit 1 Coverage Requirement**

Reporting Period  
**03-04**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? No

An agency must meet three conditions to comply with BMP 9.

Condition 1. Agency has identified and ranked by use commercial, industrial, and institutional accounts

Condition 2(a): Agency is on track to survey 10% of commercial accounts, 10% of industrial accounts, and 10% of institutional accounts within 10 years of date implementation to commence

OR

Condition 2(b): Agency is on track to reduce CII water use by an amount equal to 10% of baseline use within 10 years of date implementation to commence

OR

Condition 2(c): Agency is on track to meet the combined target as described in Exhibit 1 BMP 9 documentation

**Test for Condition 1**

Year	Report Period	BMP 9 Implementation Year	Ranked Com Use	Ranked Ind Use	Ranked Inst Use
1999	99-00	1	YES	YES	YES
2000	99-00	2	YES	YES	YES
2001	01-02	3	YES	YES	YES
2002	01-02	4	YES	YES	YES
2003	03-04	5	YES	YES	YES
2004	03-04	6	YES	YES	YES

**Test for Condition 2a**

	Commercial	Industrial	Institutional
Total Completed Surveys Reported through 2004			
Credit for Surveys Completed Prior to Implementation of Reporting Databases	3	3	2
Total + Credit	3	3	2
CII Accounts in Base Year	3,208	2,265	1,148
RU Survey Coverage as % of Base Year CII Accounts	0.1%	0.1%	0.2%
Coverage Requirement by Year 6 of Implementation per Exhibit 1	4.2%	4.2%	4.2%
RU on Schedule to Meet 10 Year Coverage Requirement	NO	NO	NO

**Test for Condition 2a**

Performance

Year	Report Period	BMP 9 Implementation Year	Performance Target Savings (AF/yr)	Performance Target Savings Coverage	Target Savings Coverage Requirement	Coverage Requirement Met
1999	99-00	1			0.5%	NO
2000	99-00	2			1.0%	NO
2001	01-02	3			1.7%	NO
2002	01-02	4			2.4%	NO
2003	03-04	5			3.3%	NO
2004	03-04	6			4.2%	NO

**Test for Condition 2c**

Total BMP 9 Surveys + Credit	8
BMP 9 Survey Coverage	0.1%
BMP 9 Performance Target Coverage	
BMP 9 Survey + Performance Target Coverage	0.1%
Combined Coverage Equals or Exceeds Coverage Requirement?	NO

**BMP 9 COVERAGE STATUS SUMMARY:**

**Water supplier has not met one or more coverage requirements for this BMP.**

Reported as of 4/1

**BMP 11 Coverage: Conservation Pricing**

Reporting Unit:  
**So. California Water Company - Metro District**  
**MOU Exhibit 1 Coverage Requirement**

Reporting Period  
**03-04**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? **No**

An agency must meet one condition to comply with BMP 11.

Agency shall maintain rate structure consistent with BMP 11's definition of conservation pricing. Implementation methods shall be at least as effective as eliminating non-conserving pricing and adopting conserving pricing. For signatories supplying both water and sewer service, this BMP applies to pricing of both water and sewer service. Signatories that supply water but not sewer service shall make good faith efforts to work with sewer agencies so that those sewer agencies adopt conservation pricing for sewer service.

a) Non-conserving pricing provides no incentives to customers to reduce use. Such pricing is characterized by one or more of the following components: rates in which the unit price decreases as the quantity used increases (declining block rates); rates that involve charging customers a fixed amount per billing cycle regardless of the quantity used; pricing in which the typical bill is determined by high fixed charges and low commodity charges.

b) Conservation pricing provides incentives to customers to reduce average or peak use, or both. Such pricing includes rates designed to recover the cost of providing service, and billing for water and sewer service based on metered water use. Conservation pricing is also characterized by one or more of the following components: rates in which the unit rate is constant regardless of the quantity used (uniform rates) or increases as the quantity used increases (increasing block rates); seasonal rates or excess-use surcharges to reduce peak demands during summer months; rates based upon the long-run marginal cost or the cost of adding the next unit of capacity to the system.

**Test for Condition 1**

Year	Report Period	RU Employed Non-Conserving Rate Structure	RU Meets BMP 11 Coverage Requirement
1999	99-00	YES	NO
2000	99-00	NO	YES
2001	01-02	NO	YES
2002	01-02	NO	YES
2003	03-04	NO	YES
2004	03-04	NO	YES

**BMP 11 COVERAGE STATUS SUMMARY:**  
**Water supplier is meeting coverage requirements for this BMP.**

Reported as of 4/1

**BMP 12 Coverage: Conservation Coordinator**

Reporting Unit:  
**So. California Water Company - Metro District**

Reporting Period:  
**03-04**

**MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? **No**

Agency shall staff and maintain the position of conservation coordinator and provide support staff as necessary.

**Test for Compliance**

Report Year	Report Period	Conservation Coordinator Position Staffed?	Total Staff on Team (incl CC)
1999	99-00	YES	2
2000	99-00	YES	3
2001	01-02	YES	3
2002	01-02	YES	3
2003	03-04	YES	3
2004	03-04	YES	3

**BMP 12 COVERAGE STATUS SUMMARY:**

**Water supplier is meeting coverage requirements for this BMP.**

Reported as of 4/1

**BMP 13 Coverage: Water Waste Prohibition**

Reporting Unit  
**So. California Water Company - Metro**  
 District

Reporting Period  
**03-04**

**MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? **No**

An agency must meet one condition to comply with BMP 13

Implementation methods shall be enacting and enforcing measures prohibiting gutter flooding, single pass cooling systems in new connections, non-recirculating systems in all new conveyer car wash and commercial laundry systems, and non-recycling decorative water fountains.

**Test for Condition 1**

**Agency or service area prohibits:**

Year	Gutter Flooding	Single-Pass Cooling Systems	Single-Pass Car Wash	Single-Pass Laundry	Single-Pass Fountains	Other	RU has ordinance that meets coverage requirement
1999	yes	no	no	no	yes	no	NO
2000	yes	no	no	no	yes	no	NO
2001	yes	no	no	no	yes	no	NO
2002	yes	no	no	no	yes	no	NO
2003	yes	no	no	no	yes	no	NO
2004	yes	no	no	no	yes	no	NO

**BMP 13 COVERAGE STATUS SUMMARY:**

Water supplier has not met one or more coverage requirements for this BMP.

Reported as of 4/1

**BMP 14 Coverage: Residential ULFT Replacement Programs**

Reporting Unit **So. California Water Company - Metro District**

**MOU Exhibit 1 Coverage Requirement**

A Reporting Unit (RU) must meet one of the following conditions to be in compliance with BMP 14.

Condition 1. Retrofit-on-resale (ROR) ordinance in effect in service area.

Condition 2. Water savings from toilet replacement programs equal to 90% of Exhibit 6 coverage requirement.

An agency with an exemption for BMP 14 is not required to meet one of the above conditions. This report treats an agency with missing base year data required to compute the Exhibit 6 coverage requirement as out of compliance with BMP 14.

**Status: Water supplier has not met one or more coverage requirements for this BMP. as of 2004**

<u>Coverage Year</u>	<u>BMP 14 Data Submitted to CUWCC</u>	<u>Exemption Filed with CUWCC</u>	<u>ROR Ordinance in Effect</u>	<u>Exhibit 6 Coverage Req't (AF)</u>	<u>Toilet Replacement Program Water Savings (AF)</u>
1998	Yes			358.99	1707.91
1999	Yes	No	No	1022.58	2317.60
2000	Yes	No	No	1943.17	3120.65
2001	Yes	No	No	3079.13	3961.46
2002	Yes	No	No	4394.09	4768.63
2003	Yes	No	No	5856.30	5543.52
2004	Yes	No	No	7438.07	6287.41
2005	No	No	No	9115.29	
2006	No	No	No	10867.00	
2007	No	No	No	12674.99	

\*NOTE: Program water savings listed are net of the plumbing code. Savings are cumulative (not annual) between 1991 and the given year. Residential ULFT count data from unsubmitted forms are NOT included in the calculation.

**BMP 14 COVERAGE STATUS SUMMARY:**

**Water supplier has not met one or more coverage requirements for this BMP.**

### BMP 14 Coverage: Residential ULFT Replacement Programs

Reporting Unit: So. California Water Company - Metro District

#### BMP 14 Coverage Calculation Detail: Retrofit on Resale (ROR) Ordinance Water Savings

	Single Family	Multi-Family
<b>1992 Housing Stock</b>		
Average rate of natural replacement (% of remaining stock)	.04	.04
Average rate of housing demolition (% of remaining stock)	.005	.005
Estimated Housing Units with 3.5+ gpf Toilets in 1997	59767.89	46211.25
Average resale rate	.045	.09
Average persons per unit		
Average toilets per unit		
Average savings per home (gpd; from Exhibit 6)	40.8	54.3

#### Single Family Housing Units

Coverage Year	Unretrofitted Houses	Houses Sold	Houses Unsold	Sold and Retrofitted	Sold and Already Retrofitted	Unsold and Retrofitted	Gross ROR Savings (AFY)	Nat'l Replacement Only Savings (AFY)	Net ROR Savings (AFY)
1998	54820.08	2676.11	56792.94	2676.11		2271.72	841.01	723.62	117.39
1999	50281.84	2682.73	56508.97	2454.57	208.16	2083.66	1048.39	827.99	220.40
2000	48119.31	2648.41	56226.43	2251.37	398.04	1911.16	1238.99	928.21	310.39
2001	42301.36	2636.17	56945.30	2064.89	571.17	1752.95	1413.08	1024.44	388.62
2002	38798.49	2822.98	55665.57	1894.04	728.94	1807.83	1573.07	1116.84	456.24
2003	35587.51	2609.87	55387.24	1737.25	872.62	1474.73	1719.84	1205.56	514.29
2004	32841.43	2596.82	55110.31	1593.43	1003.39	1362.65	1854.47	1290.75	563.72
2005	29939.25	2583.84	54834.75	1461.52	1122.32	1240.67	1977.94	1372.55	605.39
2006	27460.76	2570.92	54560.58	1340.53	1230.39	1137.98	2091.20	1451.09	640.11
2007	25187.44	2558.08	54287.78	1229.56	1328.51	1043.78	2195.08	1526.51	668.57

#### Multi Family Housing Units

Coverage Year	Unretrofitted Houses	Houses Sold	Houses Unsold	Sold and Retrofitted	Sold and Already Retrofitted	Unsold and Retrofitted	Gross ROR Savings (AFY)	Nat'l Replacement Only Savings (AFY)	Net ROR Savings (AFY)
1998	40399.35	4138.22	41841.97	4138.22		1673.68	988.21	744.61	241.60
1999	35318.41	4117.53	41632.76	3817.76	499.76	1463.18	1295.21	852.01	443.19
2000	30876.48	4096.94	41424.60	3162.76	934.18	1279.16	1585.34	955.14	610.20
2001	26993.21	4076.45	41217.48	2784.99	1311.46	1118.28	1801.50	1054.16	747.34
2002	23588.33	4058.07	41011.39	2417.24	1638.83	977.64	2007.96	1149.24	858.72
2003	20630.41	4035.79	40806.33	2113.23	1922.56	854.68	2188.45	1240.53	947.92
2004	18035.77	4015.61	40602.30	1847.45	2168.16	747.19	2346.24	1328.19	1018.05
2005	15787.44	3995.53	40399.29	1615.10	2380.43	653.22	2484.19	1412.37	1071.83
2006	13784.40	3975.56	40197.28	1411.97	2563.58	571.07	2804.79	1493.19	1111.60

2007	12050.77	3955.68	39988.31	1234.39	2721.29	499.24	2710.22	1570.79	1139.43
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### Total Water Savings (AF) Report

Reporting Unit:

**So. California Water Company - Metro District**

**Estimated Water Savings from BMP Annual Report Data**

<b>BMP01: Water Survey Programs for Single-Family and Multi-Family Residential Customers</b>	<b>1,135</b>
<b>BMP02: Residential Plumbing Retrofit</b>	<b>374</b>
<b>BMP04: Metering with Commodity Rates for all New Connections and Retrofit of Existing</b>	<b>0</b>
<b>BMP05: Large Landscape Conservation Programs and Incentives</b>	<b>499</b>
<b>BMP06: High-Efficiency Washing Machine Rebate Programs</b>	<b>0</b>
<b>BMP09: Conservation Programs for CII Accounts</b>	<b>82</b>
<b>BMP09a: CII ULFT Water Savings</b>	<b>143</b>
<b>BMP14: Residential ULFT Replacement Programs</b>	<b>8,314</b>
<b>Total:</b>	<b>10,547</b>

## Water Savings (AFY) Detail Report for BMP 01: Water Survey Programs for Single-Family and Multi- Family Residential Customers

Reporting Unit:  
So. California Water Company - Metro District

Estimated Water Savings from BMP Annual Report Data

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Year	Water Savings (AF)
1991	0
1992	0
1993	0
1994	0
1995	0
1996	56
1997	48
1998	41
1999	35
2000	167
2001	213
2002	181
2003	154
2004	131
2005	111
<b>TOTAL:</b>	<b>1,135</b>

### Water Savings (AFY) Detail Report for BMP 02: Residential Plumbing Retrofit

Reporting Unit  
So. California Water Company - Metro District

Estimated Water Savings from BMP Annual Report Data

Year	Gross Water Savings (AFY)	Water Savings (AFY) Net of Plumbing Code
1991	0	0
1992	0	0
1993	0	0
1994	0	0
1995	0	0
1996	0	0
1997	0	0
1998	0	0
1999	17	17
2000	34	30
2001	53	39
2002	54	29
2003	63	30
2004	76	34
2005	76	24
<b>TOTALS:</b>	<b>374</b>	<b>203</b>

**Water Savings (AFY) Detail Report for  
BMP 04: Metering with Commodity Rates for all New Connections  
and Retrofit of Existing**

Reporting Unit:  
So. California Water Company - Metro District

Estimated Water Savings from BMP Annual Report Data

Year	Water Savings (AF)
1991	0
1992	0
1993	0
1994	0
1995	0
1996	0
1997	0
1998	0
1999	0
2000	0
2001	0
2002	0
2003	0
2004	0
2005	0
<b>TOTAL:</b>	<b>0</b>

### Water Savings (AFY) Detail Report for BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit:  
So. California Water Company - Metro District

Estimated Water Savings from BMP Annual Report Data

Year	Water Savings (AF)
1991	0
1992	0
1993	0
1994	0
1995	4
1996	7
1997	6
1998	6
1999	5
2000	41
2001	74
2002	103
2003	93
2004	84
2005	75
<b>TOTAL:</b>	<b>499</b>

**Water Savings (AFY) Detail Report for  
BMP 06: High-Efficiency Washing Machine Rebate Programs**

Reporting Unit:  
So. California Water Company - Metro District

Estimated Water Savings from BMP Annual Report Data

Year	Gross Water Savings (AFY)	Water Savings (AFY) Net of Program Freeridership Effects
1991	0	0
1992	0	0
1993	0	0
1994	0	0
1995	0	0
1996	0	0
1997	0	0
1998	0	0
1999	0	0
2000	0	0
2001	0	0
2002	0	0
2003	0	0
2004	0	0
2005	0	0
<b>TOTAL:</b>	<b>0</b>	<b>0</b>

**Water Savings (AFY) Detail Report for  
BMP 09: Conservation Programs for CII Accounts**

Reporting Unit  
So. California Water Company - Metro District

Estimated Water Savings from BMP Annual Report Data

Year	Water Savings (AF)
1991	0
1992	0
1993	0
1994	0
1995	0
1996	0
1997	4
1998	5
1999	11
2000	13
2001	12
2002	11
2003	10
2004	9
2005	8
<b>TOTAL:</b>	<b>82</b>

**Water Savings (AFY) Detail Report for  
BMP 09a: CII ULFT Water Savings**

Reporting Unit  
So. California Water Company - Metro District

**Estimated Water Savings from BMP Annual Report Data**

Year	Gross Water Savings (AFY)	Water Savings (AFY) Net of Plumbing Code	Water Savings (AFY) Net of Plumbing Code and Program Freeridership Effects
1991	0	0	0
1992	0	0	0
1993	0	0	0
1994	0	0	0
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
<b>TOTALS:</b>	<b>0</b>	<b>0</b>	<b>0</b>

### Water Savings (AFY) Detail Report for BMP 14: Residential ULFT Replacement Programs

Reporting Unit:  
So. California Water Company - Metro District

Estimated Water Savings from BMP Annual Report Data

Year	Gross Water Savings (AFY)	Water Savings (AFY) Net of Plumbing Code	Water Savings (AFY) Net of Plumbing Code and Program Freeridership Effects
1991	74	74	55
1992	147	144	108
1993	221	212	159
1994	294	277	208
1995	294	266	199
1996	294	255	191
1997	294	245	184
1998	294	235	176
1999	678	610	476
2000	896	803	632
2001	966	841	662
2002	966	807	636
2003	966	775	610
2004	966	744	586
2005	966	714	562
<b>TOTALS:</b>	<b>8,314</b>	<b>7,002</b>	<b>5,446</b>