

Appendix D

**City of Poway
FY 2003 and FY 2004
Best Management Practices Annual Report**

City of Poway

Best Management Practices Reports for FY 2003 and FY 2004

Submitted to the California Urban Water Conservation Council

Accounts & Water UseReporting Unit Name:
City of PowaySubmitted to
CUWCC
11/24/2004Year:
2003**A. Service Area Population Information:**

1. Total service area population 49990

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	12412	9542	0	0
2. Multi-Family	151	660	0	0
3. Commercial	479	502	0	0
4. Industrial	50	125	0	0
5. Institutional	86	463	0	0
6. Dedicated Irrigation	229	1086	0	0
7. Recycled Water	184	417	0	0
8. Other	220	735	0	0
9. Unaccounted	NA	0	NA	0
Total	13811	13530	0	0

Metered**Unmetered**

Reported as of 8/3

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

Reporting Unit: **City of Poway** BMP Form Status: **100% Complete** Year: **2003**

A. Implementation

- 1. Based on your signed MOU date, 10/28/1997, your Agency STRATEGY DUE DATE is: 10/28/1999
- 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? 07/01/1995
- 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? 07/01/1995

B. Water Survey Data

Survey Counts:	Single Family Accounts	Multi-Family Units
1. Number of surveys offered:	50	50
2. Number of surveys completed:	8	0

Indoor Survey:

- 3. Check for leaks, including toilets, faucets and meter checks yes yes
- 4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary yes yes
- 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 yes

Outdoor Survey:

- 6. Check irrigation system and timers yes yes
- 7. Review or develop customer irrigation schedule yes yes
- 8. Measure landscaped area (Recommended but not required for surveys) yes yes
- 9. Measure total irrigable area (Recommended but not required for surveys) yes yes
- 10. Which measurement method is typically used (Recommended but not required for surveys) Pacing
- 11. Were customers provided with information packets that included evaluation results and water savings recommendations? yes yes
- 12. Have the number of surveys offered and completed, survey results, and survey costs been tracked? yes yes
 - a. If yes, in what form are surveys tracked? database

b. Describe how your agency tracks this information.

The contractor tracks survey data, including number of surveys, in a database.

C. Water Survey Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	1754	1352
2. Actual Expenditures	220	

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

B.1: Number of survey offered is an estimate. SDCWA's consultant company does not have this statistic at this time. Item C.1.: Some budgeted expenditures "next year" include weather-based irrigation controllers.

Reported as of 8/3

BMP 02: Residential Plumbing Retrofit

Reporting Unit: **City of Poway** 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? yes
3. Estimated percent of single-family households with low-flow showerheads: 87%
4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? yes
5. Estimated percent of multi-family households with low-flow showerheads: 87%
6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

The San Diego County Water Authority and its member agencies distributed over 550,000 showerheads between 1991 and 2002. The average rate of natural replacement is 4.0%, while housing demolition is 0.5%. Since January 1, 1994, showerheads manufactured in the United States must be in compliance with 2.5 gpm maximum. Data gathered from the Residential Survey Program showed an 80-95% saturation of showerheads in homes surveyed. The Water Authority was unable to secure monies for a formal saturation study on showerheads during this period, but is continuing to pursue grant-funding opportunities.

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? 07/01/1996
 - b. Describe your targeting/ marketing strategy.

Residential Survey distribution, Direct distribution to customers (lobby counters), Direct distribution at community events, Customer Request, and Distribution at CBO events.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units	
2. Number of low-flow showerheads distributed:	0	0	
3. Number of toilet-displacement devices distributed:	0	0	
4. Number of toilet flappers distributed:	0	0	
5. Number of faucet aerators distributed:	0	0	
6. Does your agency track the distribution and cost of low-flow devices?			no
a. If YES, in what format are low-flow devices tracked?			

b. If yes, describe your tracking and distribution system :

C. Low-Flow Device Distribution 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 8/3

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:
City of Poway

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) 13120
 - b. Determine other system verifiable uses (AF) 64.79
 - c. Determine total supply into the system (AF) 13210
 - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 1.00
- 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? no
- 5. Does your agency maintain in-house records of audit results or the completed AWWA audit worksheets for the completed audit? no
- 6. Does your agency operate a system leak detection program? no
 - a. If yes, describe the leak detection program:

B. Survey Data

- 1. Total number of miles of distribution system line. 246
- 2. Number of miles of distribution system line surveyed. 60

C. System Audit / Leak Detection 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

2b: water main breaks, hydrant hits, and potable water diverted into recycled water tank.

Reported as of 8/3

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

Reporting Unit: **City of Poway** 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:

All City of Poway connections are metered.

- 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. 386
- 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

Reported as of 8/3

BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit: **City of Poway** BMP Form Status: **100% Complete** Year: **2003**

A. Water Use Budgets

- | | |
|--|-----|
| 1. Number of Dedicated Irrigation Meter Accounts: | 229 |
| 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? | 08/10/1990 |
| b. Description of marketing / targeting strategy: | |

The San Diego County Water Authority provides landscape water use efficiency information that the City gives to new customers, large water users, and disperses at community events. Property owners contact the Water Authority to request a survey, which consists of prescreening and a review of water usage data records and the comparison of typical patterns of other industry or SIC water usage. Customers that exhibit unusually high water usage relative to the size of the property are sent a letter and a program brochure inviting them to participate in the program. The City endorses positive outreach to customers that are creating runoff.

- | | |
|---|-----|
| 2. Number of Surveys Offered. | 30 |
| 3. Number of Surveys Completed. | 2 |
| 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: | |

All customers receive an offer for a follow-up survey.

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 | no |
|--|----|

program.

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

2. Number of CII mixed-use accounts with landscape budgets. 4

3. Do you offer landscape irrigation training? yes

4. Does your agency offer financial incentives to improve landscape water use efficiency? yes

Type of Financial Incentive:	Budget (Dollars/Year)	Number Awarded to Customers	Total Amount Awarded
a. Rebates	0	0	0
b. Loans	0	0	0
c. Grants	0	0	0

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

a. If YES, describe below:

Brochures and other literature is provided to the City by the Water Authority. It is dispersed to customers at City Hall and at community events. The City web page has a link to the Water Authority.

6. Do you have irrigated landscaping at your facilities? yes

a. If yes, is it water-efficient? yes

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	1549	1549
2. Actual Expenditures	575	

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."

Majority of large landscape irrigation in in South Poway Business Park, which is 100% dedicated recycled water for irrigation. City established four water budgets for parks, which show actual water use is less than water budget amount. City is continuing to review whether to file for an exemption regarding water budget. City provides water customers comparative data on their usage by printing current and past month/year statistics Water bills.

F. Comments

Item B3: 2 PALM Item C2: Water Budgets were established for four City parks with mixed-use accounts. Analysis shows that actual use is consistently less than water budget amount. City of Poway is continuing

to review whether to file for an exemption for water budgets. Item C4: The City of Poway pays 25% of the cost of large turf audits for customers. General: Majority of large landscape irrigation in in South Poway Business Park, which is 100% dedicated recycled water for irrigation. City established four water budgets for parks, which show actual water use is less than water budget amount. City is continuing to review whether to file for an exemption regarding water budget. City provides water customers comparative data on their usage by printing current and past month/year statistics Water bills.

Reported as of 8/3

BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:
City of Poway

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? yes
 - a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is.

San Diego Gas & Electric offered rebate of \$75.

- 2. Does your agency offer rebates for high-efficiency washers? yes
- 3. What is the level of the rebate? 125
- 4. Number of rebates awarded. 235

B. Rebate Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	4209	5225
2. Actual Expenditures	5225	

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 8/3

BMP 07: Public Information Programs

Reporting Unit:
City of Poway

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 City of Poway conducts public outreach in the following ways: promotion of water conservation at several City events including Community Day and Earth Day/Arbor Day, articles in the City's newsletter 'Poway Today', which is available in print and online, City's website has link to SDCWA for conservation and voucher information, brochures posted in City Hall lobby.

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	yes	0
b. Public Service Announcement	yes	0
c. Bill Inserts / Newsletters / Brochures	yes	1
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	yes	1
f. Special Events, Media Events	yes	2
g. Speaker's Bureau	yes	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	1000	1000
2. Actual Expenditures	1000	

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

The City of Poway relies on the San Diego County Water Authority (SDCWA) to provide the bulk of our public information services; however, the City also conducts public outreach.

Reported as of 8/3

BMP 08: School Education Programs

Reporting Unit:
City of Poway

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	yes	5	100	0
Grades 4th-6th	yes	36	1229	4
Grades 7th-8th	yes	0	0	0
High School	yes	0	0	0

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

4. When did your Agency begin implementing this program? 01/01/1992

B. School Education 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

The SDCWA regional School Program is an established Program with a renowned reputation throughout the region. The Program offers students from kindergarten through high school a wide array of educational opportunities including the Splash Mobile, water testing kits, and computer programs. The Program is available to over 400 elementary schools, over 80 middle schools, as well as over 60 high schools. Teachers are offered classroom presentations, mini-grants, and curriculum materials including videos, workbooks, and other informational handouts. Since this Program reflects educational activity to all retail agencies, the number of class presentations, students reached, and teacher workshops are recorded in each of the SDCWA's member agencies BMP Report. However, the SDCWA has recorded overall expenditures in their wholesale report. This data is from September 2003 to June 2004 but is representative of 2003.

Reported as of 8/3

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:
City of Poway

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? no

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	no	no	no
f. Evaluation of all water-using apparatus and processes	no	no	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	no	no	no

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. 11.59
- 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	3946	4009
2. Actual Expenditures	2128	

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

Commercial kitchen Pre-Rinse Spray Valve Program initiated towards end of fiscal year. Estimated savings of 0.34 AF.

Reported as of 8/3

BMP 09a: CII ULFT Water Savings

Reporting Unit: **City of Poway** 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? Potential savings
 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.

Our CII Voucher Incentive Program contractor, HDMC has been a significant player in the promotion of water-efficient products in San Diego County. Working in cooperatin with WSA Marketing, a San Diego-based marketing and communications firm, HDMC has conducted extensive education, outreach, public relations, advertising, and direct-marketing activities. HDMC and WSA Marketing have created relationships with the owners, managers, and related customer service supervisors and staff at water-efficient product suppliers from Valley Center to San Ysidro for the past five years. Partnerships have been established with business owners, as well as key employees at wholesale and retail suppliers. Understanding of suppliers' business profiles, sales operations and accounting policies and procedures are key to the success of the program. Working relationships and/or qualified data has been gathered on over 200 plumbers. Dealers sign contracts each year in order to participate in a program that is responsible for increasing their sales substantially.

2. How does your agency advertise this program? Check all that apply. Newspapers
Trade publications
Other print media

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

Extensive marketing in the region, outreach to retail and wholesale dealers with ongoing communication and training has made this program sucessful in this region.

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? Yes

3. What is the total number of customer accounts participating in the program during the last year ? 9

4.	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
Plumbing contractors/subcontracts

7. Participant tracking and follow-up.

Telephone
Site Visit

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 4
- b. Inadequate payback 5
- c. Inadequate ULFT performance 3
- d. Lack of funding 5
- e. American's with Disabilities Act 2
- f. Permitting 2
- g. Other. Please describe in B. 9.

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

The CII Voucher Incentive Program continues to increase in popularity in the San Diego region. Extensive marketing by our contractor, coupled with our member agency support, has proven to be quite successful.

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?

The San Diego County Water Authority states that the program not only achieved objectives but exceeded expectations for the 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	2576.57	1885
e. Outside Services	0	0
f. Total	2576.57	1885

2. CII ULFT Program: Annual Cost Sharing

a. Wholesale agency contribution	3480
b. State agency contribution	0
c. Federal agency contribution	0
d. Other contribution	2576.57
e. Total	6056.57

D. Comments

Section C.2 This total represents the amount of funds available in our CII Voucher Incentive Program which besides ULFT's includes; CTCC's, Urinals, and HEW's. The contributing wholesale agencies are MWD and the SDCWA.

Reported as of 8/3

BMP 11: Conservation Pricing

Reporting Unit:
City of Poway

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	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$7407654
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$1313829

2. Commercial

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$364459
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$64641

3. Industrial

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$91025
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$16144

4. Institutional / Government

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$788914
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$139923

5. Irrigation

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$788914
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$139923

6. Other

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$533566

d. Total Revenue from Non-Volumetric
Charges, Fees and other Revenue Sources \$94634

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

Reported as of 8/3

BMP 12: Conservation Coordinator

Reporting Unit:

BMP Form Status:

Year:

City of Poway**100% Complete****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 ? yes
4. Partner agency's name: San Diego County Water Authority
5. If your agency supplies the conservation coordinator:
 - a. What percent is this conservation coordinator's position? 10%
 - b. Coordinator's Name Julie Magee
 - c. Coordinator's Title Management Analyst
 - d. Coordinator's Experience and Number of Years 2.0
 - e. Date Coordinator's position was created (mm/dd/yyyy) 03/01/1999
6. Number of conservation staff, including Conservation Coordinator. 4

B. Conservation Staff 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

As a member agency of the SDCWA, the City partners with the authority for most of its water conservation efforts.

Reported as of 8/3

BMP 13: Water Waste Prohibition

Reporting Unit:
City of Poway

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:

2. Is a copy of the most current ordinance(s) on file with CUWCC? Yes
 - 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:

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 yes
 - c. Non-recirculating systems in all new conveyor or car wash systems yes
 - d. Non-recirculating systems in all new commercial laundry systems yes
 - e. Non-recirculating systems in all new decorative fountains yes
 - f. Other, please name no
2. Describe measures that prohibit water uses listed above:

The San Diego County Standard Specifications for Public Works Construction.

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. yes
 - 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. yes
 - ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced. yes
 - 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. yes
4. Does your agency include water softener checks in home water audit programs? yes
5. Does your agency include information about DIR and exchange-type water softeners in educational efforts to encourage replacement yes

of less efficient timer models?

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 8/3

BMP 14: Residential ULFT Replacement Programs

Reporting Unit: **City of Poway** 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	613	40
Total		
	613	40

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

Through this program, residential customers are offered a voucher redeemable for up to \$75 off the purchase price of an approved ultra-low-flush toilet. The voucher is for a point-of-purchase discount only. ULFTs must be from the list of approved toilets. No after-purchase rebates are available.

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

Same as above. Single-family and multi-family customers are eligible to participate. Customers must be replacing existing high-volume fixtures.

8. Is a toilet retrofit on 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	15308	15308
2. Actual Expenditures	14449	

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 8/3

Accounts & Water Use

Reporting Unit Name:
City of Poway

Submitted to
CUWCC
11/24/2004

Year:
2004

A. Service Area Population Information:

1. Total service area population 50600

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	12515	10425	0	0
2. Multi-Family	152	686	0	0
3. Commercial	497	548	0	0
4. Industrial	49	124	0	0
5. Institutional	82	480	0	0
6. Dedicated Irrigation	251	918	0	0
7. Recycled Water	186	601	0	0
8. Other	209	835	0	0
9. Unaccounted	NA	0	NA	0
Total	13941	14617	0	0

Metered**Unmetered**

Reported as of 8/3

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

Reporting Unit: **City of Poway** BMP Form Status: **100% Complete** Year: **2004**

A. Implementation

- 1. Based on your signed MOU date, 10/28/1997, your Agency STRATEGY DUE DATE is: 10/28/1999
- 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? 07/01/1995
- 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? 07/01/1995

B. Water Survey Data

Survey Counts:	Single Family Accounts	Multi-Family Units
1. Number of surveys offered:	50	50
2. Number of surveys completed:	16	1

Indoor Survey:

- 3. Check for leaks, including toilets, faucets and meter checks yes yes
- 4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary yes yes
- 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 yes

Outdoor Survey:

- 6. Check irrigation system and timers yes yes
- 7. Review or develop customer irrigation schedule yes yes
- 8. Measure landscaped area (Recommended but not required for surveys) yes yes
- 9. Measure total irrigable area (Recommended but not required for surveys) yes yes
- 10. Which measurement method is typically used (Recommended but not required for surveys) Pacing
- 11. Were customers provided with information packets that included evaluation results and water savings recommendations? yes yes
- 12. Have the number of surveys offered and completed, survey results, and survey costs been tracked? yes yes
 - a. If yes, in what form are surveys tracked? database

b. Describe how your agency tracks this information.

The contractor tracks survey data, including number of surveys, in a database.

C. Water Survey Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	1352	1118
2. Actual Expenditures	583	

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

B.1: Number of survey offered is an estimate. SDCWA's consultant company does not have this statistic at this time. Item C.1.: Some budgeted expenditures "next year" include weather-based irrigation controllers.

Reported as of 8/3

BMP 02: Residential Plumbing Retrofit

Reporting Unit:
City of Poway

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? yes
3. Estimated percent of single-family households with low-flow showerheads: 87%
4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? yes
5. Estimated percent of multi-family households with low-flow showerheads: 87%
6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

The San Diego County Water Authority and its member agencies distributed over 550,000 showerheads between 1991 and 2002. The average rate of natural replacement is 4.0%, while housing demolition is 0.5%. Since January 1, 1994, showerheads manufactured in the United States must be in compliance with 2.5 gpm maximum. Data gathered from the Residential Survey Program showed an 80-95% saturation of showerheads in homes surveyed. The Water Authority was unable to secure monies for a formal saturation study on showerheads during this period, but is continuing to pursue grant-funding opportunities.

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? 07/01/1996
 - b. Describe your targeting/ marketing strategy.

Residential Survey distribution, Direct distribution to customers (lobby counters), Direct distribution at community events, Customer Request, and Distribution at CBO events.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units	
2. Number of low-flow showerheads distributed:	0	0	
3. Number of toilet-displacement devices distributed:	0	0	
4. Number of toilet flappers distributed:	0	0	
5. Number of faucet aerators distributed:	0	0	
6. Does your agency track the distribution and cost of low-flow devices?			no
a. If YES, in what format are low-flow devices tracked?			

b. If yes, describe your tracking and distribution system :

C. Low-Flow Device Distribution 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 8/3

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:
City of Poway

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) 14193
 - b. Determine other system verifiable uses (AF) 175.54
 - c. Determine total supply into the system (AF) 15235
 - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 0.94
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? no
5. Does your agency maintain in-house records of audit results or the completed AWWA audit worksheets for the completed audit? no
6. Does your agency operate a system leak detection program? no
 - a. If yes, describe the leak detection program:

B. Survey Data

1. Total number of miles of distribution system line. 250
2. Number of miles of distribution system line surveyed. 55

C. System Audit / Leak Detection 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

2b: water main breaks, hydrant hits, and potable water diverted into the recycled water tank.

Reported as of 8/3

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

Reporting Unit: **City of Poway** 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:

All City of Poway connections are metered.
- 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. 377
- 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

Reported as of 8/3

BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit: **City of Poway** BMP Form Status: **100% Complete** Year: **2004**

A. Water Use Budgets

- | | |
|--|-----|
| 1. Number of Dedicated Irrigation Meter Accounts: | 251 |
| 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? | 08/10/1990 |
| b. Description of marketing / targeting strategy: | |

The San Diego County Water Authority provides landscape water use efficiency information that the City gives to new customers, large water users, and disperses at community events. Property owners contact the Water Authority to request a survey, which consists of prescreening and a review of water usage data records and the comparison of typical patterns of other industry or SIC water usage. Customers that exhibit unusually high water usage relative to the size of the property are sent a letter and a program brochure inviting them to participate in the program. The City endorses positive outreach to customers that are creating runoff.

- | | |
|---|-----|
| 2. Number of Surveys Offered. | 30 |
| 3. Number of Surveys Completed. | 3 |
| 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: | |

All customers receive an offer for a follow-up survey.

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 | no |
|--|----|

program.

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

2. Number of CII mixed-use accounts with landscape budgets. 4

3. Do you offer landscape irrigation training? yes

4. Does your agency offer financial incentives to improve landscape water use efficiency? yes

Type of Financial Incentive:	Budget (Dollars/Year)	Number Awarded to Customers	Total Amount Awarded
a. Rebates	0	0	0
b. Loans	0	0	0
c. Grants	0	0	0

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

a. If YES, describe below:

Brochures and other literature is provided to the City by the Water Authority. It is dispersed to customers at City Hall and at community events. The City web page has a link to the Water Authority.

6. Do you have irrigated landscaping at your facilities? yes

a. If yes, is it water-efficient? yes

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	1549	1380
2. Actual Expenditures	862.5	

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."

Majority of large landscape irrigation in in South Poway Business Park, which is 100% dedicated recycled water for irrigation. City established four water budgets for parks, which show actual water use is less than water budget amount. City is continuing to review whether to file for an exemption regarding water budget. City provides water customers comparative data on their usage by printing current and past month/year statistics Water bills.

F. Comments

Item B3: 3 PALM. Item C2: Water Budgets were established for four City parks with mixed-use accounts. Analysis shows that actual use is consistently less than water budget amount. City of Poway is continuing

to review whether to implement this program or to file for an exemption. City of Poway is continuing to review whether to file for an exemption. Item C4: The City of Poway pays 25% of the cost of large turf audits for customers. General: Majority of large landscape irrigation in in South Poway Business Park, which is 100% dedicated recycled water for irrigation. City established four water budgets for parks, which show actual water use is less than water budget amount. City is continuing to review whether to file for an exemption regarding water budget. City provides water customers comparative data on their usage by printing current and past month/year statistics Water bills.

Reported as of 8/3

BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:
City of Poway

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? yes

a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is.

San Diego Gas & Electric offered tiered rebates of \$75 and \$125.

2. Does your agency offer rebates for high-efficiency washers? yes

3. What is the level of the rebate? 125

4. Number of rebates awarded. 314

B. Rebate Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	7383	7300
2. Actual Expenditures	7222	

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 8/3

BMP 07: Public Information Programs

Reporting Unit:

BMP Form Status:

Year:

City of Poway

100% Complete

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 City of Poway conducts public outreach in the following ways: promotion of water conservation at several City events including Community Day and Earth Day/Arbor Day, articles in the City's newsletter 'Poway Today', which is available in print and online, brochures at City Hall, City's website has link to SDCWA for conservation and voucher information, Community Library has computers available to the public, Public Works staff are on Joint Public Information Committee and the Water Conservation Coordinators Committee both organized by SDCWA. City of Poway participates fully with SDCWA for regional public information programming.

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	yes	0
b. Public Service Announcement	yes	0
c. Bill Inserts / Newsletters / Brochures	yes	2
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	yes	1
f. Special Events, Media Events	yes	2
g. Speaker's Bureau	yes	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	1000	1000
2. Actual Expenditures	1000	

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

The City of Poway relies on the San Diego County Water Authority (SDCWA) to provide the bulk of our public information services. The City also conducts public outreach at community events.

Reported as of 8/3

BMP 08: School Education ProgramsReporting Unit:
City of PowayBMP Form Status:
100% CompleteYear:
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	yes	5	100	0
Grades 4th-6th	yes	36	1229	4
Grades 7th-8th	yes	0	0	0
High School	yes	0	0	0

3. Did your Agency's materials meet state education framework requirements? yes4. When did your Agency begin implementing this program? 01/01/1992**B. School Education 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

The SDCWA regional School Program is an established Program with a renowned reputation throughout the region. The Program offers students from kindergarten through high school a wide array of educational opportunities including the Splash Mobile, water testing kits, and computer programs. The Program is available to over 400 elementary schools, over 80 middle schools, as well as over 60 high schools. Teachers are offered classroom presentations, mini-grants, and curriculum materials including videos, workbooks, and other informational handouts. Since this Program reflects educational activity to all retail agencies, the number of class presentations, students reached, and teacher workshops are recorded in each of the SDCWA's member agencies BMP Report. However, the SDCWA has recorded overall expenditures in their wholesale report.

Reported as of 8/3

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:
City of Poway

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? no

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	no	no	no
f. Evaluation of all water-using apparatus and processes	no	no	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	no	no	no
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. 23.59
- 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	4009	4009
2. Actual Expenditures	1693	

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

Commercial kitchen Pre-Rinse Spray Valve Program estimated savings of 7.69 AF.

Reported as of 8/3

BMP 09a: CII ULFT Water Savings

Reporting Unit:
City of Poway

BMP Form Status:
100% Complete

Year:
2004

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

No

A. Targeting and Marketing

1. What basis does your agency use to target customers for participation in this program?
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.

2. How does your agency advertise this program? 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.

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.)

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?

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

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

5. Program design.

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

a. If yes, check all that apply.

7. Participant tracking and follow-up.

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

b. Inadequate payback

c. Inadequate ULFT performance

d. Lack of funding

e. American's with Disabilities Act

f. Permitting

g. Other. Please describe in B. 9.

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

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?

Programs are tracked on a fiscal year. As this was a three-year program, sunsetting on July 1, 2004, all reporting for BMP 9a was completed in 2003.

C. Conservation Program Expenditures for CII ULFT

1. CII ULFT Program: Annual Budget & Expenditure Data

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

2. CII ULFT Program: Annual Cost Sharing

a. Wholesale agency contribution		
b. State agency contribution		
c. Federal agency contribution		
d. Other contribution		
e. Total		0

D. Comments

Reported as of 8/3

BMP 11: Conservation Pricing

Reporting Unit:
City of Poway

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	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$8899439
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$1332867

2. Commercial

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$438869
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$65729

3. Industrial

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$99056
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$14836

4. Institutional / Government

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$735403
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$110141

5. Irrigation

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$735403
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$110141

6. Other

a. Water Rate Structure	Non-volumetric Flat Rate
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$668866

d. Total Revenue from Non-Volumetric
Charges, Fees and other Revenue Sources \$100176

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

Reported as of 8/3

BMP 12: Conservation CoordinatorReporting Unit:
City of PowayBMP Form Status:
100% CompleteYear:
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 ? yes
4. Partner agency's name: San Diego County Water Authority
5. If your agency supplies the conservation coordinator:
 - a. What percent is this conservation coordinator's position? 10%
 - b. Coordinator's Name Elizabeth Dean
 - c. Coordinator's Title Management Analyst
 - d. Coordinator's Experience and Number of Years 1.0
 - e. Date Coordinator's position was created (mm/dd/yyyy) 03/01/1999
6. Number of conservation staff, including Conservation Coordinator. 4

B. Conservation Staff 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

As a member agency of the SDCWA, the City partners with the authority for most of its water conservation efforts.

Reported as of 8/3

BMP 13: Water Waste Prohibition

Reporting Unit:

BMP Form Status:

Year:

City of Poway

100% Complete

2004

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:

2. Is a copy of the most current ordinance(s) on file with CUWCC? Yes

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:

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 yes

c. Non-recirculating systems in all new conveyor or car wash systems yes

d. Non-recirculating systems in all new commercial laundry systems yes

e. Non-recirculating systems in all new decorative fountains yes

f. Other, please name no

2. Describe measures that prohibit water uses listed above:

The San Diego County Standard Specifications for Public Works Construction.

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. yes

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. yes

ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced. yes

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. yes

4. Does your agency include water softener checks in home water audit programs? yes

5. Does your agency include information about DIR and exchange-type water softeners in educational efforts to encourage replacement? yes

of less efficient timer models?

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 8/3

BMP 14: Residential ULFT Replacement Programs

Reporting Unit: **City of Poway** 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
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	559	63
<hr/>		
Total	559	63

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

Through this program, residential customers are offered a voucher redeemable for up to \$75 off the purchase price of an approved ultra-low-flush toilet. The voucher is for a point-of-purchase discount only. ULFTs must be from the list of approved toilets. No after-purchase rebates are available.

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

Same as above. Single-family and multi-family customers are eligible to participate. Customers must be replacing existing high-volume fixtures.

8. Is a toilet retrofit on 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	15931	15308
2. Actual Expenditures	13829	

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 8/3

Appendix E

BMP Coverage Report 2003-2004

City of Poway

BMP Coverage Report 2003-2004

Reported as of 9/

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

Reporting Unit:
City of Poway

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

City of Poway to Implement Targeting/Marketing Program by:	1999		
		Single-Family	Multi-Family
Year City of Poway Reported Implementing Targeting/Marketing Program:	1995	1995	1995
City of Poway Met Targeting/Marketing Coverage Requirement:	YES	YES	YES

Test for Condition 2

			Single-Family	Multi-Family
Survey Program to Start by:	1998	Residential Survey Offers (%)	0.85%	4.68%
Reporting Period:	03-04	Survey Offers ≥ 20%	NO	NO

Test for Condition 3

	Completed Residential Surveys	
	Single Family	Multi-Family
Total Completed Surveys 1999 - 2004:	123	3
Past Credit for Surveys Completed Prior to 1999 (Implementation of Reporting Database):	98	1
Total + Credit	221	4
Residential Accounts in Base Year	11,706	2,135

City of Poway Survey Coverage as % of Base Year Residential Accounts	1.89%	0.19%
Coverage Requirement by Year 7 of Implementation per Exhibit 1	7.90%	7.90%
City of Poway on Schedule to Meet 10-Year Coverage Requirement	NO	NO

BMP 1 COVERAGE STATUS SUMMARY:**Water supplier has not met one or more coverage requirements for this BMP.**

BMP 02 Coverage: Residential Plumbing Retrofit

Reporting Unit:

Reporting Period:

City of Poway

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 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 low-flow 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	75.00%	YES	75.00%	YES
2000	99-00	75.00%	YES	75.00%	YES
2001	01-02	87.00%	YES	87.00%	YES
2002	01-02	87.00%	YES	87.00%	YES
2003	03-04	87.00%	YES	87.00%	YES
2004	03-04	87.00%	YES	87.00%	YES

Test for Condition 2

Report Year	Report Period	City of Poway 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%
11,631			NO
1992 MF Accounts	Num. Showerheads Distributed to MF Accounts	Multi-Family Coverage Ratio	MF Coverage Ratio > 10%

2,008

NO

BMP 2 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

Reported as of 9/

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

Reporting Unit:
City of Poway

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 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

<u>Report Year</u>	<u>Report Period</u>	<u>Pre-Screen Completed</u>	<u>Pre-Screen Result</u>	<u>Full Audit Indicated</u>	<u>Full Audit Completed</u>
1999	99-00	YES	96.5%	No	NO
2000	99-00	YES	94.9%	No	NO
2001	01-02	NO			NO
2002	01-02	NO			NO
2003	03-04	YES	99.8%	No	NO
2004	03-04	YES	94.3%	No	NO

BMP 3 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

Reported as of 9/

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

Reporting Unit:

Reporting Period:

City of Poway**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 2004No. of Unmetered Accounts
in Base YearMeter Retrofit Coverage as
% of Base Year Unmetered
AccountsCoverage 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 9/

BMP 05 Coverage: Large Landscape Conservation Programs and Incentives

Reporting Unit:
City of Poway

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 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	384			NA
2000	99-00	2	384			NA
2001	01-02	3	429			NA
2002	01-02	4	495			No
2003	03-04	5	229			No
2004	03-04	6	251			No

Test for Condition 2a (survey offers)

Select Reporting Period:	03-04
Large Landscape Survey Offers as % of Mixed Use Meter CII Accounts	9.1%
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	10
Total + Credit	4
CII Accounts in Base Year	14
RU Survey Coverage as a % of Base Year CII Accounts	661
Coverage Requirement by Year of Implementation per Exhibit 1	2.1%
RU on Schedule to Meet 10 Year Coverage	6.3%

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 mix-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	4
2004	03-04	6	NO	4

<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 fitted with irrig. meters</u>
1999	99-00	1	223	
2000	99-00	2	233	
2001	01-02	3	248	
2002	01-02	4	384	
2003	03-04	5	386	
2004	03-04	6	377	

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	NO		
2000	99-00	2	NO		
2001	01-02	3	YES		
2002	01-02	4	YES		
2003	03-04	5	YES		
2004	03-04	6	YES		

<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 9/

BMP 06 Coverage: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:

Reporting Period:

City of Poway

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 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

<u>Year</u>	<u>Report Period</u>	<u>BMP 6 Implementation Year</u>	<u>Rebate Offered by ESP?</u>	<u>Rebate Offered by RU?</u>	<u>Rebate Amount</u>
1999	99-00	1	NO	NO	
2000	99-00	2	YES	NO	100.00
2001	01-02	3	YES	YES	125.00
2002	01-02	4	YES	YES	125.00
2003	03-04	5	YES	YES	125.00
2004	03-04	6	YES	YES	125.00

<u>Year</u>	<u>Report Period</u>	<u>BMP 6 Implementation Year</u>	<u>No. Rebates Awarded</u>	<u>Coverage Met?</u>
1999	99-00	1		YES
2000	99-00	2	9	NO
2001	01-02	3	75	YES
2002	01-02	4	75	YES
2003	03-04	5	235	YES
2004	03-04	6	314	YES

BMP 6 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

Reported as of 9/

BMP 07 Coverage: Public Information Programs

Reporting Unit:

Reporting Period:

City of Poway

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

<u>Year</u>	<u>Report Period</u>	<u>BMP 7 Implementation Year</u>	<u>RU Has Public Information Program?</u>
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 9/

BMP 08 Coverage: School Education Programs

Reporting Unit:

Reporting Period:

City of Poway

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 8.

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

Test for Condition 1

<u>Year</u>	<u>Report Period</u>	<u>BMP 8 Implementation Year</u>	<u>RU Has School Education Program?</u>
1999	99-00	2	NO
2000	99-00	3	NO
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:
City of Poway

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 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			
Total + Credit			
CII Accounts in Base Year	454	51	156
RU Survey Coverage as % of Base Year CII Accounts			
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

<u>Year</u>	<u>Report Period</u>	<u>BMP 9 Implementation Year</u>	<u>Performance Target Savings (AF/yr)</u>	<u>Performance Target Savings Coverage</u>	<u>Target Savings Coverage Requirement</u>	<u>Coverage Requirement Met</u>
1999	99-00	1	5	0.1%	0.5%	NO
2000	99-00	2	6	0.2%	1.0%	NO
2001	01-02	3	10	0.3%	1.7%	NO
2002	01-02	4	10	0.3%	2.4%	NO
2003	03-04	5	12	0.3%	3.3%	NO
2004	03-04	6	24	0.6%	4.2%	NO

Test for Condition 2c

Total BMP 9 Surveys + Credit

BMP 9 Survey Coverage

BMP 9 Performance Target Coverage 0.6%

BMP 9 Survey + Performance Target Coverage 0.6%

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 9/

BMP 11 Coverage: Conservation Pricing

Reporting Unit:

City of Poway

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 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 longrun marginal cost or the cost of adding the next unit of capacity to the system.

Test for Condition 1

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

BMP 11 COVERAGE STATUS SUMMARY:

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



Best Management Practices Report Filing

BMP 12 Coverage: Conservation Coordinator

Reporting Unit:
City of Poway

You are viewing coverage for:

BMP 12

03-04

YRs

DN - UP

BMPs

DN - UP

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

<u>Report Year</u>	<u>Report Period</u>	<u>Conservation Coordinator Position Staffed?</u>	<u>Total Staff on Team (incl. CC)</u>
1999	99-00	YES	3
2000	99-00	YES	3
2001	01-02	YES	4
2002	01-02	YES	4
2003	03-04	YES	4
2004	03-04	YES	4

Print Report

Memorandum of Understanding

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Reported as of 9/

BMP 13 Coverage: Water Waste Prohibition

Reporting Unit:

Reporting Period:

City of Poway

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.

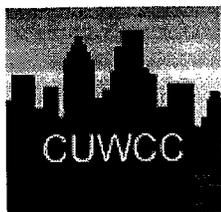
Test for Condition 1

Agency or service area prohibits:

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

BMP 13 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.



Best Management Practices Report Filing

BMP 14 Coverage: Residential ULFT Replacement Programs

Reporting Unit:
City of Poway



MOU Exhibit 1 Coverage Requirement

You are viewing coverage for:

BMP 14
03-04

◀ **YRs** ▶
DN - UP

◀ **BMPs** ▶
DN - UP

Print Report

Memorandum of Understanding

Back to Coverage Reports List

An 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.

<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'mt (AF)</u>	<u>Toilet Replacement Program Water Savings* (AF)</u>
1998	Yes			27.82	1044.86
1999	Yes	No	No	79.91	1245.92
2000	Yes	No	No	153.06	1453.50
2001	Yes	No	No	244.39	1662.21
2002	Yes	No	No	351.32	1879.28
2003	Yes	No	No	471.55	2105.79
2004	Yes	No	No	602.98	2341.06
2005	No	No	No	743.78	
2006	No	No	No	892.28	
2007	No	No	No	1047.01	

*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 as of 2004:
Water supplier is meeting coverage requirements for this BMP.

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