

APPENDIX C

Best Management Practices Report Filing

Water Supply & Reuse

Reporting Unit:

Valley of the Moon Water District

Year:

2003**Water Supply Source Information**

Supply Source Name	Quantity (AF) Supplied	Supply Type
Sonoma County Water Agency	2878.57	Imported
Donald Well	27.531	Groundwater
Mountain Well	41.114	Groundwater
Park Ave. Well	152.524	Groundwater
Agua Caliente Well	85.425	Groundwater
Larbre Well	208.902	Groundwater

Total AF: 3394.066

Reported as of 11/1

Accounts & Water Use

Reporting Unit Name: **Valley of the Moon Water District** Submitted to **CUWCC** Year: **2003**
01/27/2004

A. Service Area Population Information:

1. Total service area population 22958

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	6051	2090.58	0	0
2. Multi-Family	407	545.02	0	0
3. Commercial	164	214.73	0	0
4. Industrial	0	0	0	0
5. Institutional	28	97.73	0	0
6. Dedicated Irrigation	29	80.92	0	0
7. Recycled Water	0	0	0	0
8. Other	25	.75	0	0
9. Unaccounted	NA	364.34	NA	0
Total	6704	3394.07	0	0

Metered

Unmetered

Reported as of 11/1

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

Reporting Unit: **Valley of the Moon Water District** BMP Form Status: **100% Complete** Year: **2003**

A. Implementation

- | | |
|---|------------|
| 1. Based on your signed MOU date, 10/01/2001, your Agency STRATEGY DUE DATE is: | 10/01/2003 |
| 2. Has your agency developed and implemented a targeting/ marketing strategy for SINGLE-FAMILY residential water use surveys? | no |
| a. If YES, when was it implemented? | |
| 3. Has your agency developed and implemented a targeting/ marketing strategy for MULTI-FAMILY residential water use surveys? | no |
| a. If YES, when was it implemented? | |

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 | no | no |
| 4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary | no | 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 | no | no |

Outdoor Survey:

- | | | |
|--|----|------|
| 6. Check irrigation system and timers | no | no |
| 7. Review or develop customer irrigation schedule | no | no |
| 8. Measure landscaped area (Recommended but not required for surveys) | no | no |
| 9. Measure total irrigable area (Recommended but not required for surveys) | no | no |
| 10. Which measurement method is typically used (Recommended but not required for surveys) | | None |
| 11. Were customers provided with information packets that included evaluation results and water savings recommendations? | no | no |
| 12. Have the number of surveys offered and completed, survey results, and survey costs been tracked? | no | no |
| a. If yes, in what form are surveys tracked? | | |
| b. Describe how your agency tracks this information. | | |

C. Water Survey 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

For Fiscal Year 2002-2003 We have started to develop a strategy with the first letters to be sent to the customers offering surveys. We are also developing how to present the surveys. Our pilot program of our ET Irrigation Controller for saving irrigation water was watched and the results in the second year were not as good as the first year.

Reported as of 11/1

BMP 02: Residential Plumbing Retrofit

Reporting Unit:
Valley of the Moon Water 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: 36%
- 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: 40%
- 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? 06/13/1996
 - b. Describe your targeting/ marketing strategy.

Distribute at past toilet giveaways and distribute at this District Office.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	256	51
3. Number of toilet-displacement devices distributed:	0	0
4. Number of toilet flappers distributed:	0	0
5. Number of faucet aerators distributed:	246	78
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? Manual Activity		
b. If yes, describe your tracking and distribution system :		

Addresses are recorded at front desk at District Office when cust. receives free low flow devices. This is put onto a spreadsheet at a later date. Addresses were also recorded at previous toilet giveaways.

C. Low-Flow Device Distribution Expenditures

	This Year	Next Year
1. Budgeted Expenditures	4000	4000

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

Fiscal Year 2002-2003 We did not need to purchase any inventory this year for this BMP.

Reported as of 11/1

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit: **Valley of the Moon Water 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) 3029
 - b. Determine other system verifiable uses (AF) 164
 - c. Determine total supply into the system (AF) 3394
 - 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:

N/A

B. Survey Data

1. Total number of miles of distribution system line. 191
2. Number of miles of distribution system line surveyed. 0

C. System Audit / Leak Detection Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	170000	170000
2. Actual Expenditures	92075	

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

Fiscal Year 2002-2003 FY 02-03 \$51,690 was funded by the Sonoma County Water Agency.

Reported as of 11/1

BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit:
Valley of the Moon
Water District

BMP Form Status:
100% Complete

Year:
2003

A. Water Use Budgets

- | | |
|--|----|
| 1. Number of Dedicated Irrigation Meter Accounts: | 29 |
| 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? | 09/24/2003 |
| b. Description of marketing / targeting strategy: | |
| <p>Our targets with dedicated irrig. meters will be measured using GIS and Aerial Data or manually measured. We currently have an agreement with the Sonoma Ecology Center which has GIS, Aerial Data. They will start in FY 2003-04.</p> | |
| 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 | yes |
| e. Measure Total Irrigable Area | yes |
| 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.
Does your agency provide mixed-use accounts with landscape budgets? | no |
| 2. Number of CII 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	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? No

a. If YES, describe below:

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	10080
2. Actual Expenditures	0	

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

Fiscal Year 2002-2003 Fiscal Year 2001-2002, the Sonoma County Water Agency offered \$15,000 for Non Residential Landscape Conservation.

Reported as of 11/1

BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit: **Valley of the Moon Water 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? yes
 - a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is.

CII - Lite Wash Program, Authorized by the Ca. Public Utilities Commission offers Rebates of \$100 to \$150 to match this Districts portion.
2. Does your agency offer rebates for high-efficiency washers? yes
3. What is the level of the rebate? 75
4. Number of rebates awarded. 68

B. Rebate Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	7800	5000
2. Actual Expenditures	5100	

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

Fiscal Year 2002-2003

Reported as of 11/1

BMP 07: Public Information Programs

Reporting Unit: **Valley of the Moon Water 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.

Provide Brochures to customer's. Speaker Bureau and respond to request for information.

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	1
b. Public Service Announcement	yes	2
c. Bill Inserts / Newsletters / Brochures	yes	2
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	no	0
f. Special Events, Media Events	no	0
g. Speaker's Bureau	yes	1
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	0	0
2. Actual Expenditures	501.86	

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

Fiscal Year 2002-2003

Reported as of 11/1

BMP 08: School Education Programs

Reporting Unit:
Valley of the Moon Water 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	yes	4	234	4
Grades 4th-6th	yes	0	101	4
Grades 7th-8th	yes	0	0	3
High School	yes	0	0	2

- 3. Did your Agency's materials meet state education framework requirements? yes
- 4. When did your Agency begin implementing this program? 09/01/1988

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

Fiscal Year 2002-2003 Regional School Program is recorded with the Sonoma County Water Agency's BMP 8 as they perform and fund this program for this District.

Reported as of 11/1

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:

Valley of the Moon Water DistrictBMP Form Status:
100% CompleteYear:
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	28	0	1
b. Number of New Surveys Completed	11	0	1
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	no	yes
f. Evaluation of all water-using apparatus and processes	yes	no	yes
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	yes	no	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.	5.25

B. Conservation Program Expenditures for CII Accounts

	This Year	Next Year
1. Budgeted Expenditures	7800	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

Fiscal Year 2002-2003 Line B-1 (\$7800) may have come from BMP 6 as a duplicate last year. FY 02-03 had no CII Washing Machine Rebates. See BMP 6 for CII Washing Machine Rebates. All Surveys & Restaurant Pre-Rinse Nozzle Retrofit were performed through the Sonoma County Water Agency.

Reported as of 11/1

BMP 09a: CII ULFT Water Savings

Reporting Unit:
Valley of the Moon
Water 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? Check all that apply. CII Sector or subsector

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

Rebate on retrofit for CII customers of ULFT's on septic tank. Sonoma Valley Sanitation, branch of the Sonoma County Water Agency, rebates CII cusotmers on sewer system.

2. How does your agency advertise this program? Other print media
 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.

N/A

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 ? 2

CII Subsector	Number of Toilets Replaced					Type Not Specified
	Standard Gravity Tank	Air Assisted	Valve Floor Mount	Valve Wall Mount		
4. a. Offices	0	0	0	0	0	0
b. Retail / Wholesale	0	0	0	0	0	0
c. Hotels	0	0	0	0	0	0
d. Health	0	0	0	0	0	0

e. Industrial	0	0	0	0	0
f. Schools: K to 12	0	0	0	0	0
g. Eating	0	0	0	0	0
h. Govern- ment	0	0	0	0	0
i. Churches	0	0	0	0	0
j. Other	0	0	0	0	0

5. Program design.

Rebate or voucher

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

No

a. If yes, check all that apply.

7. Participant tracking and follow-up.

No 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 4
- b. Inadequate payback 5
- c. Inadequate ULFT performance 3
- d. Lack of funding 3
- e. American's with Disabilities Act 3
- f. Permitting 1
- g. Other. Please describe in B. 9. 1

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

N/A

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?

At the current time, this District offers rebates to the CII customers on septic systems only. The Sonoma Valley Sanitation Dist, branch of the Sonoma County Water Agency, offers rebates for CII ULFT retrofitting at special requests.

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 &	0	0

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

D. Comments

Fiscal Year 2002-2003 The Sonoma Valley Sanitation Dist., branch of the Sonoma County Water Agency, funds all rebates for all CII customers on the sewer system.

Reported as of 11/1

BMP 11: Conservation Pricing

Reporting Unit:
Valley of the Moon Water 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	\$2320547
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$423363

2. Commercial

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$192756
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$35167

3. Industrial

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$0

4. Institutional / Government

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$85966
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$15684

5. Irrigation

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$70481
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$12858

6. Other

a. Water Rate Structure	Service Not Provided
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$0

B. Conservation Pricing Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	30000	0
2. Actual Expenditures	30000	

C. "At Least As Effective As"

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

Fiscal Year 2002-2003 This District's Board of Directors have adopted Resolution #030603, restructuring water usage charge effective Jan 1, 2004 to a 3 tiered conservation based Rate System for all meters serving 1 - 3 units. Water Rate Study was performed by CH2M Hill in May 2003.

Reported as of 11/1

BMP 12: Conservation Coordinator

Reporting Unit:

**Valley of the Moon Water
District**BMP Form Status:
100% CompleteYear:
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: | N/A | |
| 5. If your agency supplies the conservation coordinator: | | |
| a. What percent is this conservation coordinator's position? | 6% | |
| b. Coordinator's Name | Robert Freeland | |
| c. Coordinator's Title | Special Programs Coordinator | |
| d. Coordinator's Experience and Number of Years | Conservation Practitioner Level 1 and 7 years | |
| e. Date Coordinator's position was created (mm/dd/yyyy) | 07/01/2001 | |
| 6. Number of conservation staff, including Conservation Coordinator. | 1 | |

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	2885
2. Actual Expenditures	2829	

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

Fiscal Year 2002-2003

Reported as of 11/1

BMP 13: Water Waste Prohibition

Reporting Unit: **Valley of the Moon Water 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:

Purpose is to promote water conservation and efficeint use of potable water. Prohibites washing of hard surfaces, leaks, excissive irrigation and other items. (See Ordinance 1007) Penalties can be used if necessary.

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:

Approximately 36 cust's in City of Sonoma. El Vernao, Boyes Hot Springs, Agua Caliente, Glen Ellen, and other small parts of Unincorporated Sonoma County that is within our District.

We issue "OOPS" in this District Advising of the ordinanec. Glen Ellen 2 Boyes Spgs 1 El Verano 2 Unincorporated 1 Total 6

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
Washing of Hard Surfaces | yes |

2. Describe measures that prohibit water uses listed above:

Our Board passed Ordinance 1007 on 6/6/00, instituting water waste prohibitions.

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	839.09	

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

Fiscal Year 2002-2003

Reported as of 11/1

BMP 14: Residential ULFT Replacement Programs

Reporting Unit: **Valley of the Moon Water 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	119	19
3. Direct Install	0	0
4. CBO Distribution	0	0
5. Other	0	0
Total	119	19

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

District offers rebate of \$100 per ULFT to cust's on septic systems only. Cust. must install & recycle old toilet. The Sonoma Valley Sanitation District, branch of the Sonoma County Water Agency does the same for the cust's on the sewer system.

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

Same as above.

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:

County of Sonoma Unincorporated Area and City of Sonoma.	N/A
--	-----

B. Residential ULFT Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	1000	1000
2. Actual Expenditures	600	

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

Fiscal Year 2002-2003 Sonoma Valley Sanitation Dist. funds their toilet program within our District. Line 2 SVSD 113 SFD and 19 Multi. The VOMWD rebated 6 SFD.

Water Supply & Reuse

Reporting Unit:

Valley of the Moon Water District

Year:

2004**Water Supply Source Information**

Supply Source Name	Quantity (AF) Supplied	Supply Type
Sonoma County Water Agency	3156.8109	Imported
Donald Well	24.9224	Groundwater
Mountain Well	73.7699	Groundwater
Park Ave. Well	83.5228	Groundwater
Agua Calinete	65.6987	Groundwater
Larbre Well	170.8173	Groundwater

Total AF: 3575.542

Reported as of 11/1

Accounts & Water Use

Reporting Unit Name: **Valley of the Moon Water District** Submitted to **CUWCC** Year: **2004**
11/23/2004

A. Service Area Population Information:

1. Total service area population 23074

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	6079	2210.68	0	0
2. Multi-Family	415	577.47	0	0
3. Commercial	165	220.26	0	0
4. Industrial	0	0	0	0
5. Institutional	28	113.32	0	0
6. Dedicated Irrigation	31	90.35	0	0
7. Recycled Water	0	0	0	0
8. Other	25	2.04	0	0
9. Unaccounted	NA	362.03	NA	0
Total	6743	3576.15	0	0

Metered

Unmetered

Reported as of 11/1

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

Reporting Unit: **Valley of the Moon Water District** BMP Form Status: **100% Complete** Year: **2004**

A. Implementation

- | | |
|---|------------|
| 1. Based on your signed MOU date, 10/01/2001, your Agency STRATEGY DUE DATE is: | 10/01/2003 |
| 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? | 06/30/2004 |
| 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? | 06/30/2004 |

B. Water Survey Data

Survey Counts:	Single Family Accounts	Multi-Family Units
1. Number of surveys offered:	3	0
2. Number of surveys completed:	3	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) | no | no |
| 9. Measure total irrigable area (Recommended but not required for surveys) | no | no |
| 10. Which measurement method is typically used (Recommended but not required for surveys) | | None |
| 11. Were customers provided with information packets that included evaluation results and water savings recommendations? | no | no |
| 12. Have the number of surveys offered and completed, survey results, and survey costs been tracked? | no | no |
| a. If yes, in what form are surveys tracked? | | None |
| b. Describe how your agency tracks this information. | | |

C. Water Survey Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	30000
2. Actual Expenditures	27	

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

RFP's were sent out on June 30, 2004 to consultants, one to be chosen to perform inside and outside audits for this District for the requirements of this BMP. Our Program audits target is 3% of the base year of 2001 for SFD and Multi's for this first round.

Reported as of 11/1

BMP 02: Residential Plumbing Retrofit

Reporting Unit:
Valley of the Moon Water 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: 69%
- 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: 67%
- 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? 06/13/1996
 - b. Describe your targeting/ marketing strategy.

Distributed at past toilet giveaways and distribute devices at this District's Office.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	400	140
3. Number of toilet-displacement devices distributed:	0	0
4. Number of toilet flappers distributed:	0	0
5. Number of faucet aerators distributed:	230	16
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?		Manual Activity
b. If yes, describe your tracking and distribution system :		

Addresses are recorded and front desk at District Office when cust. receives free low flow devices. This is put onto a spreadsheet at a later date.

C. Low-Flow Device Distribution Expenditures

This Year	Next Year
------------------	------------------

1. Budgeted Expenditures	4000	4000
2. Actual Expenditures	728	

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

FY 2003-2004.

Reported as of 11/1

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit: **Valley of the Moon Water 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) 3214
 - b. Determine other system verifiable uses (AF) 164
 - c. Determine total supply into the system (AF) 3576
 - 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? yes
 - a. If yes, describe the leak detection program:

This District has been replacing old Polybutylene Services which are prone to leak.

B. Survey Data

1. Total number of miles of distribution system line. 192
2. Number of miles of distribution system line surveyed. 0

C. System Audit / Leak Detection Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	170000	170000
2. Actual Expenditures	133738	

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

Fiscal Year 2003-2004

Reported as of 11/1

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

Reporting Unit:

Valley of the Moon Water 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. | 32 |
| 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

Fiscal Year 2003-2004

Reported as of 11/1

BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit:
Valley of the Moon
Water District

BMP Form Status:
100% Complete

Year:
2004

A. Water Use Budgets

- | | |
|--|----|
| 1. Number of Dedicated Irrigation Meter Accounts: | 30 |
| 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? | 09/24/2003 |
| b. Description of marketing / targeting strategy: | |
| Have had 31 sites measured using aerial data and some manually. Creating Water Budgets on paper. | |
| 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 | yes |
| e. Measure Total Irrigable Area | yes |
| 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 CII mixed-use accounts with landscape budgets. | 0 |
| 3. Do you offer landscape irrigation training? | no |
| 4. Does your agency offer financial incentives to improve | no |

landscape water use efficiency?

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?			No
a. If YES, describe below:			
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	10080	1000
2. Actual Expenditures	313	

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

Fiscal Year 2003-2004 We have had 31 sites measured using GIS/Aerial View measurement. The Sonoma County Water Agency has paid \$10080 for this BMP.

Reported as of 11/1

BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:

Valley of the Moon Water 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? yes

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

CII - Lite Wash Program authorized by the Ca. Public Utilities Commission offers rebates of \$100 to \$175 to match this District's portion. Residential - Bay Area Water Utility Regional offers \$75 per washer administered by the Sonoma County Water Agency.

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

3. What is the level of the rebate? 75

4. Number of rebates awarded. 94

B. Rebate Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	5000	7500
2. Actual Expenditures	95	

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

Fiscal Year 2003-2004 Rebates are funded by the Sonoma County Water Agency which paid \$7,050.

Reported as of 11/1

BMP 07: Public Information Programs

Reporting Unit: **Valley of the Moon Water 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.

Provide Brouchures to customers. Speaker Bureau and respond to request for information.

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	1
b. Public Service Announcement	yes	1
c. Bill Inserts / Newsletters / Brochures	yes	4
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	no	
f. Special Events, Media Events	yes	1
g. Speaker's Bureau	yes	2
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	0	0
2. Actual Expenditures	1285	

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

Fiscal Year 2003-2004

Reported as of 11/1

BMP 08: School Education Programs

Reporting Unit:
Valley of the Moon Water 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	yes	6	196	6
Grades 4th-6th	yes	0	73	6
Grades 7th-8th	yes	0	0	4
High School	yes	0	0	4

3. Did your Agency's materials meet state education framework requirements? yes
4. When did your Agency begin implementing this program? 09/01/1988

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

Fiscal Year 2003-2004 Regional School Program is recorded with the Sonoma County Water Agency's BMP 8 as they perform and fund this program for this District.

Reported as of 11/1

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:

**Valley of the Moon Water
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	1	0	0
b. Number of New Surveys Completed	1	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	no	no
f. Evaluation of all water-using apparatus and processes	yes	no	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	yes	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.	0
8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991.	5.59

B. Conservation Program Expenditures for CII Accounts

	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

Fiscal Year 2003-2004 This District has NO INDUSTRIAL Accounts On the Coverage Report, we should have a Yes for industrial for Condition 2a. We have no industrial to survey. All surveys & Pre-Rinse Nozzle Retrofits were performed through the Sonoma County Water Agency.

Reported as of 11/1

BMP 09a: CII ULFT Water Savings

Reporting Unit:
Valley of the Moon
Water District

BMP Form Status:
100% Complete

Year:
2004

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? Check all that apply. CII Sector or subsector

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

Rebate on retrofit for CII customers on ULFT's on septic tank. Sonoma Valley Sanitation, branch of the Sonoma County Water Agency, rebates CII customers on sewer system.

2. How does your agency advertise this program? Other print media
 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.

N/A

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 ? 1

CII Subsector	Number of Toilets Replaced					Type Not Specified
	Standard Gravity Tank	Air Assisted	Valve Floor Mount	Valve Wall Mount		
4.						
a. Offices	1	0	0	0	0	0
b. Retail / Wholesale	0	0	0	0	0	0
c. Hotels	0	0	0	0	0	0
d. Health	0	0	0	0	0	0

e. Industrial	0	0	0	0	0
f. Schools: K to 12	0	0	0	0	0
g. Eating	0	0	0	0	0
h. Govern- ment	0	0	0	0	0
i. Churches	0	0	0	0	0
j. Other	0	0	0	0	0

5. Program design.

Rebate or voucher

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

No

a. If yes, check all that apply.

7. Participant tracking and follow-up.

No 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 4
- b. Inadequate payback 5
- c. Inadequate ULFT performance 3
- d. Lack of funding 3
- e. American's with Disabilities Act 3
- f. Permitting 1
- g. Other. Please describe in B. 9. 1

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

N/A

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?

At the current time, this District offers rebates to the CII customers on septic systems only. The Sonoma Valley Sanitation Dist, branch of the Sonoma County Water Agency, offers rebates for CII ULFT retrofitting at special requests.

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 &	0	0

Advertising		
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		100
b. State agency contribution		0
c. Federal agency contribution		0
d. Other contribution		0
e. Total		100

D. Comments

Fiscal Year 2003-2004 The Sonoma Valley Sanitation Dist., branch of the Sonoma County Water Agency, funds all rebates for all CII customers on the sewer system.

Reported as of 11/1

BMP 11: Conservation Pricing

Reporting Unit:
Valley of the Moon Water 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	\$2607595
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$454062

2. Commercial

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$208560
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$36317

3. Industrial

a. Water Rate Structure	Uniform Seasonal
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$0

4. Institutional / Government

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$105482
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$18368

5. Irrigation

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$83544
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$14547

6. Other

a. Water Rate Structure	Service Not Provided
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$0

d. Total Revenue from Non-Volumetric
Charges, Fees and other Revenue Sources \$0

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

Fiscal Year 2003-2004

Reported as of 11/1

BMP 12: Conservation Coordinator

Reporting Unit:

**Valley of the Moon Water
District**BMP 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 ? | | no |
| 4. Partner agency's name: | N/A | |
| 5. If your agency supplies the conservation coordinator: | | |
| a. What percent is this conservation coordinator's position? | 14% | |
| b. Coordinator's Name | Robert Freeland | |
| c. Coordinator's Title | Speical Programs Coordinator | |
| d. Coordinator's Experience and Number of Years | Conservation Practitioner Level 1 and 8 Years | |
| e. Date Coordinator's position was created (mm/dd/yyyy) | 07/01/2001 | |
| 6. Number of conservation staff, including Conservation Coordinator. | 1 | |

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	2885	7000
2. Actual Expenditures	8188	

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

Fiscal Year 2003-2004

Reported as of 11/1

BMP 13: Water Waste Prohibition

Reporting Unit: **Valley of the Moon Water District** BMP Form Status: **100% Complete** Year: **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:

Purpose is to promote water conservation and efficeint use of potable water. Prohibites washing of hard surfaces, leaks, excissive irrigation and other items. (See Ordinance 1007) Penalties can be used if necessary.

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:

Approximately 36 cust's in City of Sonoma. El Vernao, Eldridge, Boyes Hot Springs, Agua Caliente, Glen Ellen, and other small parts of Unicorporated Sonoma County that is within our District.

We issue "OOPS" tags in this District Advising of the ordinanec. Boyes Spgs 3 El Verano 4 Eldridge 1 Glen Ellen 1 Sonoma 1 Total 10

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
Washing of Hard Surfaces | yes |

2. Describe measures that prohibit water uses listed above:

Our Board passed Ordinance 1007 on 6/6/00, instituting water waste prohibitions.

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

Fiscal Year 2003-2004

Reported as of 11/1

BMP 14: Residential ULFT Replacement Programs

Reporting Unit: **Valley of the Moon Water 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

Number of Toilets Replaced by Agency Program During Report Year

Replacement Method	SF Accounts	MF Units
2. Rebate	117	13
3. Direct Install	0	0
4. CBO Distribution	0	0
5. Other	0	0
Total	117	13

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

District offers rebate of \$100 per ULFT to cust's on septic systems only. Cust. must install & recycle old toilet. The Sonoma Valley Sanitation District, branch of the Sonoma County Water Agency does the same for the cust's on the sewer system

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

Same as above

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:

County of Sonoma Unincorporated Area and City of Sonoma	N/A
---	-----

B. Residential ULFT Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	1000	1000
2. Actual Expenditures	800	

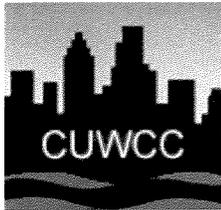
C. "At Least As Effective As"

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

Fiscal Year 2003-2004 Sonoma Valley Sanitation Dist. funds their toilet program within our District. Line 2 SVSD 109 SFD and 13 Multi. The VOMWD rebated 8 SFD.



Best Management Practices Report Filing

Base Year Data

Reporting Unit:
Valley of the Moon Water District

Form Status:
**CUWCC
Reviewed**

Memorandum of
Understanding

Back to
BMP Reports
List

1. Your BASE YEAR is 2001.

NOTE: Many calculations in determining credit history and coverage requirements are contingent on your BASE YEAR, which is calculated based on the following criteria. If a Signatory signed the MOU in 1997 or earlier, then the Base Year is 1997. If a Signatory signed the MOU after 1997, then the Base Year is the year the MOU was signed. The same holds true for USBR Contractors, except the date their Base Year is calculated from is the date that their Plan was noticed in the Federal Register.

BMP 1

2. Number of single-family customers in 2001	6074
--	------

3. Number of multi-family units in 2001	2435
---	------

BMPs 2 and 14

4. Number of single-family housing units constructed prior to 1992	5809
--	------

5. Number of multi-family units prior to 1992	1868
---	------

BMP 4

6. Number of unmetered accounts in 2001	0
---	---

BMPs 5 and 9

7. Number of commercial accounts in 2001	175
--	-----

8. Number of industrial accounts in 2001	0
--	---

9. Number of institutional accounts in 2001	28
---	----

10. Total water use (AF) by commercial, industrial and institutional accounts in 2001	410
---	-----

BMP 14

11. Average number of toilets per single-family household	1.9
---	-----

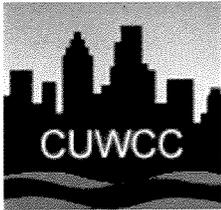
12. Average number of toilets per multi-family household	1.9
--	-----

13. Five-year average resale rate of single-family households	2.631
---	-------

14. Five-year average resale rate of multi-family households	2.631
--	-------

15. Average persons per single-family household	2.6
---	-----

16. Average persons per multi-family household	2.6
--	-----



Best Management Practices Report Filing

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

Reporting Unit:
Valley of the Moon Water District

You are viewing coverage for:

BMP 01
03-04

◀ **YRs** ▶
DN - UP

MOU Exhibit 1 Coverage Requirement

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

◀ **BMPs** ▶
DN - UP

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

Memorandum of Understanding

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.

Back to Coverage Reports List

Test for Condition 1

Latest Valley of the Moon Water District to Implement Targeting/Marketing Program:	2003		
		Single-Family	Multi-Family
Year Valley of the Moon Water District Reported Implementing Targeting/Marketing Program:			
Valley of the Moon Water District Met Targeting/Marketing Coverage Requirement:	NO	NO	

Test for Condition 2

			Single-Family	Multi-Family
Latest Year Survey Program to Start:	2002	Residential Survey Offers (%)	0.05%	
Reporting Period:	03-04	Survey Offers ≥ 20%	NO	NO

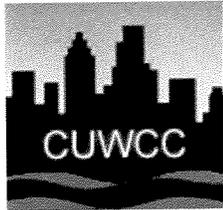
Test for Condition 3

Completed Residential Surveys

Single Multi-

	<u>Family</u>	<u>Family</u>
Total Completed Surveys through 2004	3	
Credit for Surveys Completed Prior to Implementation of Reporting Database		
Total + Credit	<u>3</u>	<u></u>
Residential Accounts in Base Year	6,074	2,435
Valley of the Moon Water District Survey Coverage as % of Base Year Residential Accounts	0.05%	
Coverage Requirement by Year 3 of Implementation per Exhibit 1	2.50%	2.50%
Valley of the Moon Water District on Schedule to Meet 10-Year Coverage Requirement	NO	NO

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Best Management Practices Report Filing

BMP 02 Coverage: Residential Plumbing Retrofit

Reporting Unit:

Valley of the Moon Water District

You are viewing
coverage for:

BMP 02

03-04

YRs

DN - UP

BMPs

DN - UP

**Memorandum of
Understanding**

**Back to
Coverage
Reports List**

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	18.00%	NO	21.00%	NO
2000	99-00	32.00%	NO	37.00%	NO
2001	01-02	33.00%	NO	38.00%	NO
2002	01-02	34.00%	NO	38.00%	NO
2003	03-04	36.00%	NO	40.00%	NO
2004	03-04	69.00%	NO	67.00%	NO

Test for Condition 2

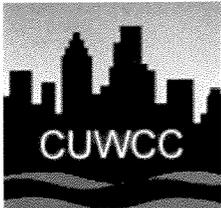
Report Year	Report Period	Valley of the Moon Water District has ordinance requiring showerhead retrofit?
1999	99-00	NO
2000	99-00	NO
2001	01-02	NO
2002	01-02	NO
2003	03-04	NO
2004	03-04	NO

Test for Condition 3

Reporting Period: 03-04

<u>1992 SF Accounts</u>	<u>Num. Showerheads Distributed to SF Accounts</u>	<u>Single-Family Coverage Ratio</u>	<u>SF Coverage Ratio > 10%</u>
5,809	656	11.3%	YES
<u>1992 MF Accounts</u>	<u>Num. Showerheads Distributed to MF Accounts</u>	<u>Multi-Family Coverage Ratio</u>	<u>MF Coverage Ratio > 10%</u>
1,868	191	10.2%	YES

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Best Management Practices Report Filing

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

Reporting Unit:
Valley of the Moon Water District

You are viewing coverage for:

BMP 03
03-04

◀ **YRs** ▶
DN - UP

MOU Exhibit 1 Coverage Requirement

No exemption request filed

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

◀ **BMPs** ▶
DN - UP

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

Memorandum of Understanding

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

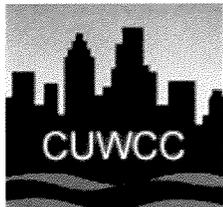
Condition 2: Perform a prescreening audit. If the result is less than 0.9, perform a full audit in accordance with AWWA's Manual of Water Supply Practices, Water Audits, and Leak Detection.

Back to Coverage Reports List

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				
2000	99-00				
2001	01-02	YES	92.8%	No	NO
2002	01-02	YES	93.1%	No	NO
2003	03-04	YES	94.1%	No	NO
2004	03-04	YES	94.5%	No	NO

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Best Management Practices Report Filing

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

Reporting Unit:

Valley of the Moon Water District

You are viewing coverage for:

**BMP 04
03-04**

◀ **YRs** ▶
DN - UP

MOU Exhibit 1 Coverage Requirement

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

No

◀ **BMPs** ▶
DN - UP

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

Memorandum of Understanding

Test for Compliance

Back to Coverage Reports List

Total Meter Retrofits Reported through 2004

No. of Unmetered Accounts in Base Year

Meter Retrofit Coverage as % of Base Year Unmetered Accounts

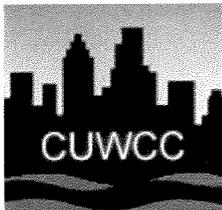
Coverage Requirement by Year 2 of Implementation per Exhibit 1

10.0%

RU on Schedule to meet 10 Year Coverage Requirement

YES

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Best Management Practices Report Filing

BMP 05 Coverage: Large Landscape Conservation Programs and Incentives

Reporting Unit:
Valley of the Moon Water District

You are viewing coverage for:

BMP 05
03-04

◀ **YRs** ▶
DN - UP

MOU Exhibit 1 Coverage Requirement

No exemption request filed

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

◀ **BMPs** ▶
DN - UP

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

Memorandum of Understanding

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.

Back to Coverage Reports List

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	-3				NA
2000	99-00	-2				NA
2001	01-02	-1	25			NA
2002	01-02		29			NA
2003	03-04	1	29			NA
2004	03-04	2	30			NA

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

Total + Credit

CII Accounts in Base Year	203
RU Survey Coverage as a % of Base Year CII Accounts	
Coverage Requirement by Year of Implementation per Exhibit 1	1.5%
RU on Schedule to Meet 10 Year Coverage Requirement	NO

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

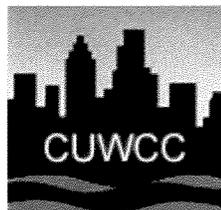
Report Year	Report Period	BMP 5 Implementation Year	Agency has mix-use budget program	No. of mixed-use budgets
1999	99-00	-3		
2000	99-00	-2		
2001	01-02	-1	NO	
2002	01-02		NO	
2003	03-04	1	NO	
2004	03-04	2	NO	

Report Year	Report Period	BMP 4 Implementation Year	No. of mixed use CII accounts	No. of mixed use CII accounts fitted with irrig. meters
1999	99-00	-3		
2000	99-00	-2		
2001	01-02	-1	32	
2002	01-02		32	
2003	03-04	1	26	
2004	03-04	2	32	

Test for Condition 3

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

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



Best Management Practices Report Filing

BMP 06 Coverage: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:

Valley of the Moon Water District

You are viewing coverage for:

BMP 06
03-04

YRs

DN - UP

MOU Exhibit 1 Coverage Requirement

No exemption request filed

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

No

BMPs

DN - UP

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

Memorandum of Understanding

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.

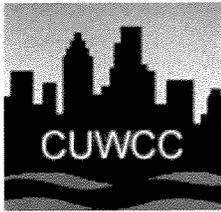
Back to Coverage Reports List

Test for Condition 1

Year	Report Period	BMP 6 Implementation Year	Rebate Offered by ESP?	Rebate Offered by RU?	Rebate Amount
1999	99-00	-3	YES	YES	75.00
2000	99-00	-2	YES	YES	75.00
2001	01-02	-1	YES	NO	
2002	01-02		YES	NO	
2003	03-04	1	YES	YES	75.00
2004	03-04	2	YES	YES	75.00

Year	Report Period	BMP 6 Implementation Year	No. Rebates Awarded	Coverage Met?
1999	99-00	-3	86	YES
2000	99-00	-2	20	YES
2001	01-02	-1	48	NO
2002	01-02			NO
2003	03-04	1	68	YES
2004	03-04	2	94	YES

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Best Management Practices Report Filing

BMP 07 Coverage: Public Information Programs

Reporting Unit:

Valley of the Moon Water District

You are viewing coverage for:

BMP 07

03-04

YRs

DN - UP

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.

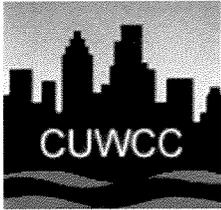
Memorandum of Understanding

Test for Condition 1

Year	Report Period	BMP 7 Implementation Year	RU Has Public Information Program?
1999	99-00	-2	
2000	99-00	-1	
2001	01-02		YES
2002	01-02	1	YES
2003	03-04	2	YES
2004	03-04	3	YES

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Best Management Practices Report Filing

BMP 08 Coverage: School Education Programs

Reporting Unit:

Valley of the Moon Water District

You are viewing coverage for:

BMP 08

03-04

YRs

DN - UP

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.

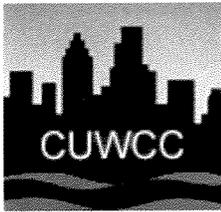
Memorandum of Understanding

Test for Condition 1

Year	Report Period	BMP 8 Implementation Year	RU Has School Education Program?
1999	99-00	-2	
2000	99-00	-1	
2001	01-02		YES
2002	01-02	1	YES
2003	03-04	2	YES
2004	03-04	3	YES

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You are viewing coverage for:

BMP 09
03-04

◀ **YRs** ▶
DN - UP

◀ **BMPs** ▶
DN - UP

Memorandum of Understanding

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BMP 09 Coverage: Conservation Programs for CII Accounts

Reporting Unit:

Valley of the Moon Water District

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	-3			
2000	99-00	-2			
2001	01-02	-1	NO	NO	NO
2002	01-02		YES	YES	YES
2003	03-04	1	YES	YES	YES
2004	03-04	2	YES	YES	YES

Test for Condition 2a

	Commercial	Industrial	Institutional
Total Completed Surveys Reported through 2004	12	0	1
Credit for Surveys Completed Prior to Implementation of Reporting Databases			
Total + Credit	12		1
CII Accounts in Base Year	175		28
RU Survey Coverage as % of Base Year CII Accounts	6.9%		3.6%
Coverage Requirement by Year 2 of Implementation per Exhibit 1	1.0%	1.0%	1.0%

RU on Schedule to Meet 10 Year Coverage Requirement	YES	NO	YES
---	-----	----	-----

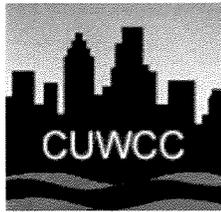
Test for Condition 2a

Year	Report Period	BMP 9 Implementation Year	Performance Target Savings (AF/yr)	Performance Target Savings Coverage	Performance Target Savings Coverage Requirement	Coverage Requirement Met
1999	99-00	-3				YES
2000	99-00	-2				YES
2001	01-02	-1	1	0.3%		YES
2002	01-02		1	0.3%		YES
2003	03-04	1	1	0.3%	0.5%	NO
2004	03-04	2	1	0.3%	1.0%	NO

Test for Condition 2c

Total BMP 9 Surveys + Credit	13
BMP 9 Survey Coverage	6.4%
BMP 9 Performance Target Coverage	0.3%
BMP 9 Survey + Performance Target Coverage	6.7%
Combined Coverage Equals or Exceeds Coverage Requirement?	YES

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Best Management Practices Report Filing

BMP 11 Coverage: Conservation Pricing

Reporting Unit:
Valley of the Moon Water District

You are viewing coverage for:

BMP 11
03-04
YRs
DN - UP

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.

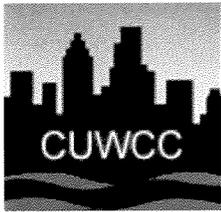
a) Non-conserving pricing provides no incentives to customers to reduce use. Such pricing is characterized by one or more of the following components: rates in which the unit price decreases as the quantity used increases (declining block rates); rates that involve charging customers a fixed amount per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

Year	Report Period	RU Employed Non Conserving Rate Structure	RU Meets BMP 11 Coverage Requirement
1999	99-00	NO	YES
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

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Best Management Practices Report Filing

BMP 12 Coverage: Conservation Coordinator

Reporting Unit:
Valley of the Moon Water District

You are viewing coverage for:

BMP 12

03-04

YRs

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.

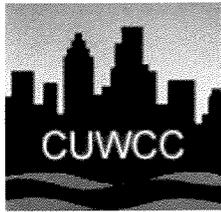
Test for Compliance

<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		
2000	99-00		
2001	01-02	YES	1
2002	01-02	YES	1
2003	03-04	YES	1
2004	03-04	YES	1

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Best Management Practices Report Filing

BMP 13 Coverage: Water Waste Prohibition

Reporting Unit:
Valley of the Moon Water District

You are viewing coverage for:

BMP 13

03-04

YRs

DN - UP

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.

BMPs
DN - UP

Memorandum of Understanding

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							
2000							
2001	yes	yes	yes	yes	yes	yes	YES
2002	yes	yes	yes	yes	yes	yes	YES
2003	yes	yes	yes	yes	yes	yes	YES
2004	yes	yes	yes	yes	yes	yes	YES

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Memorandum of Understanding

BMP Activity History: Multiple-Year Overview

Reporting Unit:

Valley of the Moon Water District

INSTRUCTIONS: Exhibit 1 allows Signatories to credit BMP activity completed prior to 1998 against BMP coverage requirements. To obtain credit for this past activity you must complete the information summarized below. Choose a year and click "Go" to ADD or EDIT BMP activity data for that specific year. If you do not enter previous BMP activity, the system will have no way to calculate credit toward coverage requirements for this activity.

A. Number of RESIDENTIAL Water Use Surveys by Year						
Year	No. Single-Family Surveys		No. Multi-Family Surveys			
1991						
1992						
1993						
1994						
1995		0		0		
1996		0		0		
1997		0		0		
1998		0		0		
Total		0		0		

B. Number of LANDSCAPE Surveys Completed by Year						
Year	Surveys Receiving Follow-up		Surveys Not Receiving Follow-up			
1991						
1992						
1993						
1994						
1995		0		0		
1996		0		0		
1997		0		0		
1998		0		0		
Total		0		0		

C. Number of CII Surveys Completed by Year						
Year	Commercial		Industrial		Institutional	
	Follow-Up	No Follow-Up	Follow-Up	No Follow-Up	Follow-Up	No Follow-Up
1991						
1992						
1993						
1994						
1995	0	0	0	0	0	0
1996	0	0	0	0	0	0
1997	0	0	0	0	0	0
1998	0	0	0	0	0	0

Total	0	0	0	0	0	0
D. Estimated WATER SAVINGS (AF/Yr) from CII Programs by Year						
Year	Site Verified			Site Not Verified		
1991						
1992						
1993						
1994						
1995			0			0
1996			0			0
1997			0			0
1998			0			0
Total			0			0

E. (Part I) Historical CII Ultra-Low-Flush Toilet Installations by CII Sector by Year							
Year	Auto	Food	Health	Hotel	Manuf'g	Membership	Multi-Use
1991							
1992							
1993							
1994							
1995	0	0	20	0	0	0	0
1996	0	0	6	20	0	0	0
1997	0	0	0	98	0	0	0
1998	0	0	0	0	0	0	0
Total	0	0	26	118	0	0	0

E. (Part II) Historical CII Ultra-Low-Flush Toilet Installations by CII Sector by Year							
Year	Office	Religious	Restaurant	Retail	School	Wholesale	Unknown
1991							
1992							
1993							
1994							
1995	0	0	0	0	0	0	0
1996	0	3	0	0	0	0	0
1997	0	0	0	0	0	0	0
1998	4	0	0	0	0	0	0
Total	4	3	0	0	0	0	0

F. Number of Residential ULFT Rebates / Installations by Year:		
Year	Single-Family	Multi-Family
1991		
1992		
1993		
1994		
1995	0	0
1996	931	148
1997	0	0
1998	489	28

Total	1420	176
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