

## **APPENDIX C**

Annual Reports to the California Urban Water Conservation Council

## DEFINITIONS

**Best Management Practices.** A Best Management Practice (BMP) means a policy, program, practice, rule, regulations, or ordinance or the use of devices, equipment or facilities which meets wither of the following criteria:

An established and generally accepted practice among water suppliers the results in more efficient use or conservation of water.

A practice for which sufficient data are available from existing water conservation projects to indicate that significant conservation or conservation related benefits can be achieved; that the practice is technically and economically reasonable and not environmentally or socially unacceptable; and that the practice is not otherwise unreasonable for most water suppliers to carry out.

Mesa Reports annually on the following BMP's:

- BMP 1 Water Survey Programs for Single-Family and Multi-Family Residential Customers
  - BMP 2 Residential Plumbing Retrofit
  - BMP 3 System Water Audits, Leak Detection and Repair
  - BMP 4 Metering with Commodity Rates for all New Connections and Retrofit of Existing
  - BMP 5 Large Landscape Conservation Programs and Incentives
  - BMP 6 High-Efficiency Washing Machine Rebate Programs
  - BMP 7 Public Information Programs
  - BMP 8 School Education Programs
  - BMP 9 Conservation Programs for CII Accounts
  - BMP 11 Conservation Pricing
  - BMP 12 Conservation Coordinator
  - BMP 13 Water Waste Prohibition
  - BMP 14 Residential ULFT Replacement Programs
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- BMP 10 Wholesale Agency Assistance Programs (Not included in report - As a retail water purveyor Mesa Consolidated Water District does not participate in wholesale activities)

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

Reporting Unit: <b>Mesa Consolidated Water District</b>	BMP Form Status: <b>100% Complete</b>	Year: <b>2003</b>
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**A. Implementation**

- |   |            |
|---|------------|
| 1. Based on your signed MOU date, 06/30/1994, your Agency STRATEGY DUE DATE is:   | 06/29/1996 |
| 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?   | 4/23/1997  |
| 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?   | 2/1/2002   |

**B. Water Survey Data**

Survey Counts:	Single Family Accounts	Multi-Family Units
1. Number of surveys offered:	290	853
2. Number of surveys completed:	64	76

**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)                                | Odometer | Wheel |
| 11. Were customers provided with information packets that included evaluation results and water savings recommendations? | yes      | yes   |



## BMP 02: Residential Plumbing Retrofit

Reporting Unit:  
Mesa Consolidated 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? yes

3. Estimated percent of single-family households with low-flow showerheads: 68%

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: 60%

6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

On 12/28/2001 MWDOC released the Orange County Saturation Study Report. This report was funded by MET & MWDOC. The saturation percent is taken from that report.

### 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? 09/11/2002

b. Describe your targeting/ marketing strategy.

All MF owners are mailed letters describing Mesa's MF conservation programs. Bill stuffers are included in selected billing cycles and bill messages are included on various bills. Mesa's web site includes MF conservation information as well.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	227	303
3. Number of toilet-displacement devices distributed:	149	18
4. Number of toilet flappers distributed:	54	11
5. Number of faucet aerators distributed:	213	385

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? Database

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

Most low-flow devices are distributed via BMP1. This information is entered in the survey database when the survey is complete.

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

	<b>This Year</b>	<b>Next Year</b>
1. Budgeted Expenditures	3900	4300
2. Actual Expenditures	3169	

**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**

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

Reporting Unit:	BMP Form Status:	Year:
Mesa Consolidated Water District	100% Complete	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) 20084
  - b. Determine other system verifiable uses (AF) 101
  - c. Determine total supply into the system (AF) 21142
  - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 0.95
3. Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production? yes
4. Did your agency complete a full-scale audit during this report year? 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. 300
2. Number of miles of distribution system line surveyed. 0

#### 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

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

Reporting Unit: **Mesa Consolidated Water District**      BMP Form Status: **100% Complete**      Year: **2003**

**A. Implementation**

- 1. Does your agency require meters for all new connections and bill by volume-of-use? yes
- 2. Does your agency have a program for retrofitting existing unmetered connections and bill by volume-of-use? no
  - a. If YES, when was the plan to retrofit and bill by volume-of-use existing unmetered connections completed?
  - b. Describe the program:  
  
Mesa has no unmetered connections.
- 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:  
  
Since February 1991 new construction is required to install a separate irrigation meter.
- 2. Number of CII accounts with mixed-use meters. 1285
- 3. Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period. 1

**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? yes
  - 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."  
  
All new common area irrigation is separately metered. Business and residential complexes are also separately metered.

**E. Comments**

## BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit: **Mesa Consolidated Water District**      BMP Form Status: **100% Complete**      Year: **2003**

### A. Water Use Budgets

- |  |     |
|--|-----|
| 1. Number of Dedicated Irrigation Meter Accounts:  | 856 |
| 2. Number of Dedicated Irrigation Meter Accounts with Water Budgets:                       | 187 |
| 3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF):                     | 388 |
| 4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF):                       | 337 |
| 5. Does your agency provide water use notices to accounts with budgets each billing cycle? | yes |

### 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?                    | 03/18/2003 |
| b. Description of marketing / targeting strategy:                                    |            |

All dedicated irrigation accounts are sent a notification letter prior to measurement of the site. Responding customers receive a complete landscape survey. All sites are measured with or without customer response. After the site is measured non responding customers are notified. A letter is mailed to them explaining the landscape program and budgeting process. At this time non responding customers are encouraged to respond.

- |   |     |
|---|-----|
| 2. Number of Surveys Offered.   | 71  |
| 3. Number of Surveys Completed.   | 45  |
| 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? | 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?  | yes |
| 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? yes

a. If YES, describe below:

All new customers are provided a "customer information packet" when service is established. The packet contains WUE information. Mesa's web site contains irrigation data related to scheduling and efficient landscaping.

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? yes
7. Do you provide customer notices at the start of the irrigation season? yes
8. Do you provide customer notices at the end of the irrigation season? yes

#### D. Landscape Conservation Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
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

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

Reporting Unit:

Mesa Consolidated 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.

Edison offered rebates during all or part of this reporting period.

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

3. What is the level of the rebate? 100

4. Number of rebates awarded. 117

### B. Rebate Program Expenditures

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

### C. "At Least As Effective As"

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

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

### D. Comments

## BMP 07: Public Information Programs

Reporting Unit:  
Mesa Consolidated 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.

Customers bills include past usage information and bill stuffers are used to inform customers of conservation topics. Also, Mesa provided a 6 month course to educate the customer about water related current events. Mesa's web site has a conservation section with current information and links to related sites.

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

Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	no	
b. Public Service Announcement	no	
c. Bill Inserts / Newsletters / Brochures	yes	6
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	yes	1
f. Special Events, Media Events	yes	9
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	6000	6000
2. Actual Expenditures	1260.65	

### 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

### BMP 08: School Education Programs

Reporting Unit:  
Mesa Consolidated 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	19	1735	0
Grades 4th-6th	yes	14	1385	0
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? 01/01/1989

#### 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

## BMP 09: Conservation Programs for CII Accounts

Reporting Unit:  
Mesa Consolidated Water District

BMP Form Status:  
100% Complete

Year:  
2003

### A. Implementation

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

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

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

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	0	0	0
b. Number of New Surveys Completed	0	0	0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	0
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	0

CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	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	113	9420
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.  | 2.36  |
| 8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991.                                      | 21.28 |

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

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	11594.5	

**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**

Mesa Consolidated participates in a Regional Wholesaler (MWD of SC) Rebate program. We have put the number of rebates but not the dollar amounts or acre/feet associated with them. MWD tracks these.

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

Reporting Unit:  
Mesa Consolidated Water District

BMP Form  
Status: Year:  
100% 2003  
Complete

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.  
Service area zones  
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.

See MWDC program description.

2. How does your agency advertise this program? Check all that apply.  
Bill insert  
Bill message  
Newsletter  
Web page  
Trade publications  
Other print media  
Trade shows and events

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

See MWDC program description.

**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? 2

CII Subsector	Number of Toilets Replaced				
	Standard Gravity Tank	Air Assisted	Valve Floor Mount	Valve Wall Mount	Type Not Specified
4.					
a. Offices	0	0	0	0	0
b. Retail / Wholesale	0	0	0	0	0
c. Hotels	0	0	0	0	0
d. Health	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. Government	0	0	0	0	0
i. Churches	0	0	0	0	0
j. Other	13	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 1
- b. Inadequate payback 1
- c. Inadequate ULFT performance 1
- d. Lack of funding 1
- e. American's with Disabilities Act 1
- 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.

See MWDSC program description.

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?

See MWDSC program description.

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

1. CII ULFT Program: Annual Budget & Expenditure Data

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

2. CII ULFT Program: Annual Cost Sharing

a. Wholesale agency contribution	1170
b. State agency contribution	0
c. Federal agency contribution	0
d. Other contribution	0
e. Total	1170

**D. Comments**

## BMP 11: Conservation Pricing

Reporting Unit: <b>Mesa Consolidated Water District</b>	BMP Form Status: <b>100%</b> <b>Complete</b>	Year: <b>2003</b>
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### 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	\$8206312.25
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$1913229.5

##### 2. Commercial

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$2451125.02
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$99631.6

##### 3. Industrial

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$311371.24
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$12495.8

##### 4. Institutional / Government

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$761360.82
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$18579.6

##### 5. Irrigation

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$1715522.45
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$49843.8

**6. Other**

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$55994.26
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$57065.37

**B. Conservation Pricing Program Expenditures**

	<b>This Year</b>	<b>Next Year</b>
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**

**BMP 12: Conservation Coordinator**

Reporting Unit:  
Mesa Consolidated Water  
District

BMP Form Status:  
100% Complete

Year:  
2003

**A. Implementation**

1. Does your Agency have a conservation coordinator? yes
2. Is this a full-time position? yes
3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program ?
4. Partner agency's name:
5. If your agency supplies the conservation coordinator:
  - a. What percent is this conservation coordinator's position? 100%
  - b. Coordinator's Name Barry Carlson
  - c. Coordinator's Title Resource Efficiency Specialist
  - d. Coordinator's Experience and Number of Years Customer Service/Conservation for 13 years
  - e. Date Coordinator's position was created (mm/dd/yyyy) 4/16/2001
6. Number of conservation staff, including Conservation Coordinator. 1

**B. Conservation Staff Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	89664	94147
2. Actual Expenditures	89664	

**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**

B1 & B2, are total labor cost with an estimated 5% annual cost of living increase.

## BMP 13: Water Waste Prohibition

Reporting Unit:	BMP	Year:
<b>Mesa Consolidated Water District</b>	Form	2003
	Status:	
	100%	
	<b>Complete</b>	

### 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:  
  
The ordinance (#8) is documented in the current Urban Water Management Plan.
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:  
  
Complete District None

### 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:  
Refer to ordinance #8.  
**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. 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 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**

## BMP 14: Residential ULFT Replacement Programs

Reporting Unit:  
Mesa Consolidated 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
<b>Number of Toilets Replaced by Agency Program During Report Year</b>		
<b>Replacement Method</b>	<b>SF Accounts</b>	<b>MF Units</b>
2. Rebate	290	220
3. Direct Install	0	0
4. CBO Distribution	0	0
5. Other	621	1256
<b>Total</b>	<b>911</b>	<b>1476</b>

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

Mesa Consolidated participates in a region wide ULFT rebate program for both SF and MF. Our regional wholesaler (MWDOC) administers the program on our behalf. They contract with a vendor to market the program and facilitate the rebate process for our customers. The "Other" program is a distribution program that MWDOC administers on our behalf. They contract with a separate vendor that facilitates the distribution of ULFT's to our customers. This program is also for SF and MF.

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

See #6 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:

### B. Residential ULFT 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**

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

Reporting Unit: **Mesa Consolidated Water District**      BMP Form Status: **100% Complete**      Year: **2004**

### A. Implementation

- |   |            |
|---|------------|
| 1. Based on your signed MOU date, 06/30/1994, your Agency STRATEGY DUE DATE is:   | 06/29/1996 |
| 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?   | 4/23/1997  |
| 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?   | 2/1/2002   |

### B. Water Survey Data

#### Survey Counts:

	Single Family Accounts	Multi- Family Units
1. Number of surveys offered:	1352	0
2. Number of surveys completed:	56	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)                                | Odometer Wheel |     |
| 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.

Survey results are entered into a database computer program. Any number of queries can be done to extract desired data. The number of surveys offered is tracked via spreadsheet. The cost can be tracked by time spent on the surveys.

**C. Water Survey Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	49882	52376
2. Actual Expenditures	5040	

**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**

C1 Budget Expenditures has an estimated 5% cost of living increase added for the next budget year.

## BMP 02: Residential Plumbing Retrofit

Reporting Unit:  
Mesa Consolidated 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? yes

3. Estimated percent of single-family households with low-flow showerheads: 68%

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: 60%

6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

On 12/28/2001 MWDOC released the Orange County Saturation Study Report. This report was funded by MET & MWDOC. The saturation percent is taken from that report.

### 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? 9/11/2002

b. Describe your targeting/ marketing strategy.

All MF owners are mailed letters describing Mesa's MF conservation programs. Bill stuffers are included in selected billing cycles and bill messages are included on various bills. Mesa's web site includes MF conservation information as well.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	203	65
3. Number of toilet-displacement devices distributed:	37	4
4. Number of toilet flappers distributed:	3	0
5. Number of faucet aerators distributed:	175	45

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? Database

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

Most low-flow devices are distributed via BMP1. This information is entered in the survey database when the survey is complete.

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

	This Year	Next Year
1. Budgeted Expenditures	6000	6000
2. Actual Expenditures	4951	

**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**

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

Reporting Unit:

Mesa Consolidated 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) 20613
  - b. Determine other system verifiable uses (AF) 58
  - c. Determine total supply into the system (AF) 22029
  - 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. 300
2. Number of miles of distribution system line surveyed. 0

#### 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

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

Reporting Unit:  
Mesa Consolidated 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:  
Mesa has no unmetered connections.
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:  
Since February 1991 new construction is required to install a separate irrigation meter.
2. Number of CII accounts with mixed-use meters. 1285
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? yes
  - 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."  
  
All new common area irrigation is separately metered. Business and residential complexes are also separately metered.

### E. Comments

## BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit: **Mesa Consolidated Water District**      BMP Form Status: **100% Complete**      Year: **2004**

### A. Water Use Budgets

- |  |     |
|--|-----|
| 1. Number of Dedicated Irrigation Meter Accounts:  | 882 |
| 2. Number of Dedicated Irrigation Meter Accounts with Water Budgets:                       | 192 |
| 3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF):                     | 555 |
| 4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF):                       | 608 |
| 5. Does your agency provide water use notices to accounts with budgets each billing cycle? | yes |

### 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?                    | 03/18/2003 |
| b. Description of marketing / targeting strategy:                                    |            |

All dedicated irrigation accounts are sent a notification letter prior to measurement of the site. Responding customers receive a complete landscape survey. All sites are measured with or without customer response. After the site is measured non responding customers are notified. A letter is mailed to them explaining the landscape program and budgeting process. At this time non responding customers are encouraged to respond.

- |   |     |
|---|-----|
| 2. Number of Surveys Offered.   | 28  |
| 3. Number of Surveys Completed.   | 28  |
| 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? | 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. | yes |
| Does your agency provide mixed-use accounts with landscape budgets?   |     |

2. Number of CII mixed-use accounts with landscape budgets. 2
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	14000	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:

All new customers are provided a "customer information packet" when service is established. The packet contains WUE information. Mesa's web site contains irrigation data related to scheduling and efficient landscaping.

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? yes
7. Do you provide customer notices at the start of the irrigation season? yes
8. Do you provide customer notices at the end of the irrigation season? yes

#### D. Landscape Conservation Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	14000	5600
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

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

Reporting Unit:  
**Mesa Consolidated 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.

Edison offered rebates during all or part of this reporting period.

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

3. What is the level of the rebate? 100

4. Number of rebates awarded. 228

### B. Rebate Program Expenditures

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

### C. "At Least As Effective As"

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

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

### D. Comments

## BMP 07: Public Information Programs

Reporting Unit:  
Mesa Consolidated Water District

BMP Form  
Status: 100%  
Year: 2004  
Complete

### 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.

Customers bills include past usage information and bill stuffers are used to inform customers of conservation topics. Also, Mesa provided a 6 month course to educate the customer about water related current events. Mesa's web site has a conservation section with current information and links to related sites.

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

Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	no	
b. Public Service Announcement	no	
c. Bill Inserts / Newsletters / Brochures	yes	6
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	yes	1
f. Special Events, Media Events	yes	11
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	6000	6000
2. Actual Expenditures	3621.47	

### 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

### BMP 08: School Education Programs

Reporting Unit:  
Mesa Consolidated 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	13	587	0
Grades 4th-6th	yes	5	297	0
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? 01/01/1989

#### 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

## BMP 09: Conservation Programs for CII Accounts

Reporting Unit: **Mesa Consolidated 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	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	65	7650
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.  | 1.22  |
| 8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991.                                      | 10.97 |

### B. Conservation Program Expenditures for CII Accounts

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	9019.5	

### 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

Mesa Consolidated participates in a Regional Wholesaler (MWD of SC) Rebate program. We have put the number of rebates but not the dollar amounts or acre/feet associated with them. MWD tracks these.

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

Reporting Unit: **Mesa Consolidated 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. Service area zones  
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.

See MWDSC program description.

2. How does your agency advertise this program? Check all that apply. Bill insert  
Bill message  
Newsletter  
Web page  
Trade publications  
Other print media  
Trade shows and events

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

See MWDSC program description.

**B. Implementation**

1. Does your agency keep and maintain customer participant information? Yes  
(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? Yes

3. What is the total number of customer accounts participating in the program during the last year? 1

4. CII Subsector	Number of Toilets Replaced					Type Not Specified
	Standard Gravity Tank	Air Assisted	Valve Floor Mount	Valve Wall Mount		
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
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	1
b. Inadequate payback	1
c. Inadequate ULFT performance	1
d. Lack of funding	1
e. American's with Disabilities Act	1
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.

See MWDSC program description.

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?

See MWDSC program description.

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

1. CII ULFT Program: Annual Budget & Expenditure Data

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

2. CII ULFT Program: Annual Cost Sharing

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

**D. Comments**

## BMP 11: Conservation Pricing

Reporting Unit:  
**Mesa Consolidated Water District**

BMP Form  
Status: Year:  
**100% 2004**  
**Complete**

### 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	\$9004824.81
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$1920486.76

##### 2. Commercial

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$2770704.64
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$101820.4

##### 3. Industrial

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$355844.78
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$11942.7

##### 4. Institutional / Government

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$860530.32
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$18557

##### 5. Irrigation

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$2043548.24
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$50529.6

##### 6. Other

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$59318.5
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$61390.68

**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**

**BMP 12: Conservation Coordinator**

Reporting Unit:  
**Mesa Consolidated Water District**

BMP Form Status:  
**100% Complete**

Year:  
**2004**

**A. Implementation**

1. Does your Agency have a conservation coordinator? yes
2. Is this a full-time position? yes
3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program ?
4. Partner agency's name:
5. If your agency supplies the conservation coordinator:
  - a. What percent is this conservation coordinator's position? 100%
  - b. Coordinator's Name Barry Carlson
  - c. Coordinator's Title Resource Efficiency Specialist
  - d. Coordinator's Experience and Number of Years Customer Service/Conservation for 14 years
  - e. Date Coordinator's position was created (mm/dd/yyyy) 4/16/2001
6. Number of conservation staff, including Conservation Coordinator. 1

**B. Conservation Staff Program Expenditures**

	This Year	Next Year
1. Budgeted Expenditures	94147	98854
2. Actual Expenditures	94147	

**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**

B1 & B2, are total labor cost with an estimated 5% annual cost of living increase.

## BMP 13: Water Waste Prohibition

Reporting Unit:  
**Mesa Consolidated 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:  
The ordinance (#8) is documented in the current Urban Water Management Plan.
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:  
Complete District None

### 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:  
Refer to ordinance #8.
- 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. 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 of less efficient timer models? no