

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:
Central Basin MWD

BMP Form Status: **100% Complete** Year: **2003**

A. Implementation

1. Has your agency completed a pre-screening system audit for this reporting year? no
2. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production:
 - a. Determine metered sales (AF) no
 - b. Determine other system verifiable uses (AF) no
 - c. Determine total supply into the system (AF) no
 - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 0.00
3. Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production? no
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: no

B. Survey Data

1. Total number of miles of distribution system line. 0
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." No

E. Comments

As a water wholesaler, we do not actually own potable water piping. We do however provide support to our water retailers as stated in BMP 10. We have provided them with requested information on how to conduct system audits and leak detection. We do have manuals provided by DWR.

BMP 07: Public Information Programs

Reporting Unit:
Central Basin MWD

BMP Form Status:
100% Complete Year:
2003

A. Implementation

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

The Public Information Program consists of a variety of programs and practices that are used to educate the public about water conservation. Conservation literature is provided to the public at the various one-day ultra-low-flush (ULF) toilet programs, and at community events. A quarterly newsletter is provided to approximately 20,000 residents. Information is provided at the quarterly Public Information Committee (PIC) meeting, and at the annual "Water Harvest" festival. Information is also provided at various speaking engagements, the web site, and on the telephone. Opportunities are sought to educate the public about the importance of water conservation. Marketing is also conducted to promote the District's rebate programs.

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	21
b. Public Service Announcement	yes	1
c. Bill Inserts / Newsletters / Brochures	yes	2
d. Bill showing water usage in comparison to previous year's usage	no	
e. Demonstration Gardens	no	
f. Special Events, Media Events	yes	5
g. Speaker's Bureau	yes	5
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	174817	168000
2. Actual Expenditures	80000	

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:
Central Basin MWD

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 | 7 | 190 | 0 |
| Grades 4th-6th | yes | 24 | 830 | 0 |
| Grades 7th-8th | yes | 3 | 105 | 0 |
| High School | no | 0 | 0 | 0 |
3. Did your Agency's materials meet state education framework requirements? Yes
 4. When did your Agency begin implementing this program? 9/10/1995

B. School Education Program Expenditures

- | | This Year | Next Year |
|--------------------------|-----------|-----------|
| 1. Budgeted Expenditures | 49737 | 68208 |
| 2. Actual Expenditures | 20000 | |

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 10: Wholesale Agency Assistance Programs

Reporting Unit:
Central Basin MWD

BMP Form Status:
100% Complete

Year:
2003

A. Implementation

1. Financial Support by BMP

	Financial Incentives Offered?	Budgeted Amount	Awarded Amount	BMP Offered?	Financial Incentives Offered?	Budgeted Amount	Awarded Amount
1	No			8	yes	49737	20000
2	No			9	yes	5500	5500
3	No			10	yes	0	0
4	No			11	No	0	0
5	yes	1500000	1500000	12	yes	65000	65000
6	yes	15000	15000	13	No	0	0
7	yes	174817	174817	14	yes	350500	350000

2. Technical Support

- a. Has your agency conducted or funded workshops addressing CUWCC procedures for calculating program savings, costs and cost-effectiveness? No
- b. Has your agency conducted or funded workshops addressing retail agencies' BMP implementation reporting requirements? No
- c. Has your agency conducted or funded workshops addressing:
 - 1) ULFT replacement No
 - 2) Residential retrofits No
 - 3) Commercial, industrial, and institutional surveys No
 - 4) Residential and large turf irrigation No
 - 5) Conservation-related rates and pricing No

3. Staff Resources by BMP

BMP	Qualified Staff Available for BMP?	No. FTE Staff Assigned to BMP	BMP	Qualified Staff Available for BMP?	No. FTE Staff Assigned to BMP
1	yes	1	8	yes	1
2	yes	1	9	yes	1
3	yes	1	10	yes	1
4	yes	1	11	yes	1
5	yes	1	12	yes	1
6	yes	1	13	yes	1
7	yes	1	14	yes	1

4. Regional Programs by BMP

BMP	Implementation/ Management Program?	BMP	Implementation/ Management Program?
1	No	8	yes
2	No	9	yes
3	No	10	yes
4	No	11	yes
5	No	12	yes
6	yes	13	yes
7	yes	14	yes

B. Wholesale Agency Assistance Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	720254	720254
2. Actual Expenditures	660254	

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."

In reference to BMP 5, the District spends \$1.5 million on O&M for its recycled water system. This system benefits large landscape customers by utilizing recycled water instead of imported or potable water. A1 of BMP 5 includes funding for recycled water operations and maintenance. Recycled water is 100% water conservation.

D. Comments

BMP #9 - Central Basin participates in MWD's region-wide CII. MWD pays vendor to implement and market program on behalf of the Member Agencies. Central Basin budgeted \$5,000 to help market the program. The District has moved its recycled water budget dollars from BMP #9 into BMP #5 - Large Landscape. It is more appropriate in this BMP than in prior reporting in BMP 9. BMP #6 - Central Basin receives a \$110 rebate incentive from MWD. Central Basin budgets an additional \$15,000 for marketing the program. (\$15 per rebate x 1,000 rebates)

Reported as of 8/2

BMP 11: Conservation Pricing

Reporting Unit:
Central Basin MWD

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	\$34686195.84
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$4556948.45

2. Commercial

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

3. Industrial

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

4. Institutional / Government

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

5. Irrigation

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

6. Other

a. Water Rate Structure	Decreasing Block
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b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$1445258.16
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$3199559.55

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:
Central Basin MWD

BMP Form Status:
100% Complete Year:
2003

A. Implementation

1. Does your Agency have a conservation coordinator? Yes
2. Is this a full-time position? no
3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program ? yes
4. Partner agency's name: West Basin Municipal Water District
5. If your agency supplies the conservation coordinator:
 - a. What percent is this conservation coordinator's position? 50%
 - b. Coordinator's Name Gus Meza
 - c. Coordinator's Title Conservation Coordinator
 - d. Coordinator's Experience and Number of Years 5 Years Conservation Related Experience
 - e. Date Coordinator's position was created (mm/dd/yyyy) 4/17/1991
6. Number of conservation staff, including Conservation Coordinator. 1

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	68000	68000
2. Actual Expenditures	58000	

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

Central Basin MWD shares staff with West Basin MWD on a 50/50 basis. So conservation staff time is one-half person for each Water District.

Reported as of 8/2

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:
Central Basin MWD

BMP Form Status: Year:
100% Complete 2004

A. Implementation

1. Has your agency completed a pre-screening system audit for this reporting year? no
2. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production:
 - a. Determine metered sales (AF) no
 - b. Determine other system verifiable uses (AF) no
 - c. Determine total supply into the system (AF) 0.00
 - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 0.00
3. Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production? no
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. 0
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

As a water wholesaler, we do not actually own potable water piping. We do however provide support to our water retailers as stated in BMP 10. We have provided them with requested information on how to conduct system audits and leak detection. We do have manuals provided by DWR.

BMP 07: Public Information Programs

Reporting Unit:
Central Basin MWD

BMP Form Status:
100% Complete Year:
2004

A. Implementation

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

The Public Information Program consists of a variety of programs and practices that are used to educate the public about water conservation. Conservation literature is provided to the public at the various one-day ultra-low-flush (ULF) toilet programs, and at community events. A quarterly newsletter is provided to approximately 20,000 residents. Information is provided at the quarterly Public Information Committee (PIC) meeting, and at the annual "Water Harvest" festival. Information is also provided at various speaking engagements, the web site, and on the telephone. Opportunities are sought to educate the public about the importance of water conservation. Marketing is also conducted to promote the District's rebate programs.

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	21
b. Public Service Announcement	yes	1
c. Bill Inserts / Newsletters / Brochures	yes	2
d. Bill showing water usage in comparison to previous year's usage	no	
e. Demonstration Gardens	no	
f. Special Events, Media Events	yes	5
g. Speaker's Bureau	yes	5
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	168000	213000
2. Actual Expenditures	190000	

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:
Central Basin MWD

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	14	330	0
Grades 4th-6th	yes	34	1190	0
Grades 7th-8th	yes	2	60	0
High School	no	0	0	0

3. Did your Agency's materials meet state education framework requirements? Yes
4. When did your Agency begin implementing this program? 9/10/1995

B. School Education Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	68208	68208
2. Actual Expenditures	26000	

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 10: Wholesale Agency Assistance Programs

Reporting Unit:
Central Basin MWD

BMP Form Status:
100% Complete

Year:
2004

A. Implementation

1. Financial Support by BMP

	Financial Incentives Offered?	Budgeted Amount Awarded	BMP	Financial Incentives Offered?	Budgeted Amount Awarded
1	No		8	Yes	68208 26000
2	No		9	No	0 0
3	No		10	Yes	0 0
4	No		11	No	
5	No		12	Yes	65000 65000
6	Yes	15000	13	No	0 0
7	Yes	168000	14	Yes	360500 360500

2. Technical Support

- a. Has your agency conducted or funded workshops addressing CUWCC procedures for calculating program savings, costs and cost-effectiveness? No
- b. Has your agency conducted or funded workshops addressing retail agencies' BMP implementation reporting requirements? No
- c. Has your agency conducted or funded workshops addressing:
 - 1) ULFT replacement No
 - 2) Residential retrofits No
 - 3) Commercial, industrial, and institutional surveys No
 - 4) Residential and large turf irrigation No
 - 5) Conservation-related rates and pricing No

3. Staff Resources by BMP

	Qualified Staff Available for BMP?	No. FTE Staff Assigned to BMP	BMP	Qualified Staff Available for BMP?	No. FTE Staff Assigned to BMP
1	yes	1	8	yes	1
2	yes	1	9	yes	1
3	yes	1	10	yes	1
4	yes	1	11	yes	1
5	yes	1	12	yes	1
6	yes	1	13	yes	1
7	yes	1	14	yes	1

4. Regional Programs by BMP

	Implementation/ Management Program?	BMP	Implementation/ Management Program?
1	No	8	yes
2	No	9	yes
3	No	10	yes
4	No	11	yes
5	No	12	yes
6	yes	13	yes
7	yes	14	yes

B. Wholesale Agency Assistance Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	679208	623708
2. Actual Expenditures	679208	

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."

In reference to BMP 5, the District spends \$1.5 million on O&M for its recycled water system. This system benefits large landscape customers by utilizing recycled water instead of imported or potable water. A1 of BMP 5 includes funding for recycled water operations and maintenance. Recycled water is 100% water conservation.

D. Comments

BMP #9 - Central Basin participates in MWD's region-wide CII. MWD pays vendor to implement and market program on behalf of the Member Agencies. Central Basin budgeted \$5,000 to help market the program. The District has moved its recycled water budget dollars from BMP #9 into BMP #5 - Large Landscape. It is more appropriate in this BMP than in prior reporting in BMP 9. BMP #6 - Central Basin receives a \$110 rebate incentive from MWD. Central Basin budgets an additional \$15,000 for marketing the program. (\$15 per rebate x 1,000 rebates)

BMP 11: Conservation Pricing

Reporting Unit:
Central Basin MWD

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	\$366835420.8
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$4477917.3625

2. Commercial

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

3. Industrial

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

4. Institutional / Government

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

5. Irrigation

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

6. Other

a. Water Rate Structure	Decreasing Block
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b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$1534809.2
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$3144069.6375

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:
Central Basin MWD

BMP Form Status:
100% Complete

Year:
2004

A. Implementation

1. Does your Agency have a conservation coordinator? yes
2. Is this a full-time position? no
3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program? yes
4. Partner agency's name: West Basin Municipal Water District
5. If your agency supplies the conservation coordinator:
 - a. What percent is this conservation coordinator's position? 50%
 - b. Coordinator's Name Gus Meza
 - c. Coordinator's Title Conservation Coordinator
 - d. Coordinator's Experience and Number of Years 5 Years Conservation Related Experience
 - e. Date Coordinator's position was created (mm/dd/yyyy) 4/17/1991
6. Number of conservation staff, including Conservation Coordinator. 1

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	68000	68000
2. Actual Expenditures	58000	

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

Central Basin MWD shares staff with West Basin MWD on a 50/50 basis. So conservation staff time is one-half person for each Water District.