



John V. Rossi
General Manager

Charles D. Field
Division 1

Thomas P. Evans
Division 2

Brenda A. Dennstedt
Division 3

Donald D. Galleano
Division 4

S.R. Al Lopez
Division 5

June 8, 2007

David Todd
Department of Water Resources
Office of Water Use Efficiency and Transfers
P.O. Box 942836
Sacramento, CA 92436-001

WMWD 2003 BEST MANAGEMENT PRACTICES REPORT

In accordance with Mr. Inouye's request, please find the Resolution 2481 adopting the 2003 Best Management Practices Report.

Please contact me at (951) 789-5075 or jbernosky@wmwd.com for any further questions.


JOSEPH J. BERNOSKY, P.E.
District Engineering Manager

JJB/sc

Enclosure: Resolution 2481

Cc: David Inouye, Department of Water Resources Southern District

\\wmwd-fsmain\Engineering\Engineers\JJB\Correspondence\Letters\2003 Best Management Practices Report Letter.doc

Mail to: P.O. Box 5286, Riverside, California 92517-5286
450 E. Alessandro Blvd. Riverside, California 92508
(951) 789-5000 • FAX (951) 780-3837
www.wmwd.com

RESOLUTION 2481

RESOLUTION OF THE BOARD OF DIRECTORS
OF WESTERN MUNICIPAL WATER DISTRICT
OF RIVERSIDE COUNTY ADOPTING AN AMENDMENT
TO THE 2005 URBAN WATER MANAGEMENT PLAN

WHEREAS, The California Legislature enacted Assembly Bill 797 during the 1983-84 regular session of the California Legislature (Water Code Section 10610 et. seq.), known as the Urban Water Management Planning Act, which mandates that every urban supplier of water providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre feet of water annually, prepare an Urban Water Management Plan, the primary objective of which is to plan for the conservation and efficient use of water; and

WHEREAS, AB 797 requires that said Plan be adopted by December 31, 1985, after public review and hearing, and filed with the California Department of Water Resources within thirty days of adoption; and

WHEREAS, Western Municipal Water District of Riverside County did prepare and file said Plan with the California Department of Water Resources in December 1985; and

WHEREAS, AB 797 requires that said Plan be periodically reviewed at least once every five years, and that the urban water supplier shall make any amendments or changes to its plan which are indicated by the review; and

WHEREAS, Western Municipal Water District of Riverside County is an urban supplier of water providing water to over 19,000 customers, and prepared and circulated for public review a draft 2005 updated Urban Water Management Plan, in compliance with the requirements of AB 797, and held a properly noticed public hearing regarding said draft Plan on October 5, 2005, prior to publishing the final Plan; and

WHEREAS, Western Municipal Water District adopted the 2005 Urban Water Management Plan by Resolution 2388 on December 7, 2005; and

WHEREAS, in consultation with the California Department of Water Resources, it has been determined that the 2005 Urban Water Management Plan should be amended to incorporate the 2003 Best Management Practices previously submitted to the California Urban Water Conservation Council; and

WHEREAS, the District has made the 2005 Urban Water Management Plan and the proposed amendment available for public inspection; and

WHEREAS, pursuant to Water Code Section 10642 and Government Code Section 6066, the District has published a notice of the time and place of a public hearing once a week for two successive weeks in a newspaper of general circulation.

WHEREAS, pursuant to Water Code 10642, on May 16, 2007, the District conducted a duly noticed public hearing to receive oral and comments regarding the proposed amendment.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Western Municipal Water District of Riverside County as follows:

1. The 2005 Urban Water Management Plan is hereby amended to include the 2003 Best Management Practices previously submitted to the California Urban Water Conservation Council ("Amendment"). The Amendment is attached hereto and incorporated herein by reference.

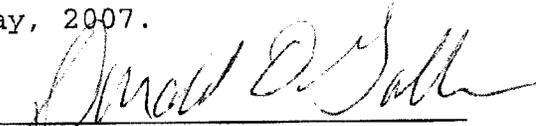
2. The General Manager is hereby authorized and directed to file this amendment with the California Department of Water Resources within 30 days after the date adopted in accordance with AB 797. In addition, the General Manager is hereby authorized to take any and all action which may be necessary in connection with the submission of the 2005 Urban Water Management Plan and Amendment to the California Department of Water Resources; and

3. The General Manager is hereby authorized and directed to further consider the adopted 2005 Urban Water

Management Plan, and to provide recommendations to the Board of Directors regarding necessary budgets, procedures, rules, and regulations to carry out effective and equitable water conservation programs.

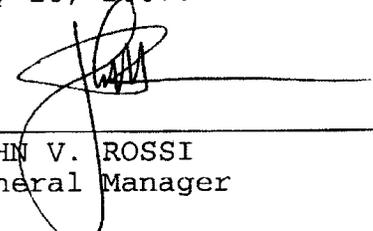
4. Except as specifically set forth in this Resolution and the Amendment, all other provisions of the 2005 Urban Water Management Plan shall remain in full force and effect.

ADOPTED this 16th day of May, 2007.



DONALD D. GALLEANO
President

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of Resolution 2388 adopted by the Board of Directors of Western Municipal Water District of Riverside County at its Regular Meeting held May 16, 2007.



JOHN V. ROSSI
General Manager

Water Supply & Purchase

Reporting Unit: **Western MWD of Riverside County - Wholesale** Year: **2003**

Water Supply Source Information

Supply Source Name	Quantity (AF) Supplied	Supply Type
MWD	76573	Imported
City of Riverside	1422	Groundwater
Total AF: 77995		

Purchaser Information

Name of Agency	Quantity (AF) Supplied	Retailer or Wholesaler
Total AF:		

Reported as of 3/7/07

BMP 03 System Water Audit - Leak Detection and Repair

Reporting Unit: **Western MWD of Riverside County - Wholesale** BMP Form Status: **100% Complete** Year: **2003**

A. Agency Information

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)
 - b. Determine other system verifiable uses (AF)
 - c. Determine total supply into the system (AF)
 - 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? 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. 267
2. Number of miles of distribution system line surveyed. 0

C. System Audit/Leak Detection Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	60000	0
2. Actual Expenditures	22500	

D. Agency Effectiveness

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

Leak detection expenditures are for the purchase of specialized tools only. Western has no specific charge account to record labor costs associated with leak detection activities. The cost is charged to general maintenance activities.

BMP 07 - Public Information Programs

Reporting Unit: **Western MWD of Riverside County - Wholesale** 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.

Western's public affairs team broadcasts water information to customers via many activities. The activities are focused into categories including media information, customer communication, public information, Landscapes Southern California Style garden, consumer confidence report, government affairs, and water use efficiency 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	no	0
b. Public Service Announcement	no	
c. Bill Inserts / Newsletters / Brochures	yes	5
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	yes	21
f. Special Events, Media Events	yes	13
g. Speaker's Bureau	yes	15
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

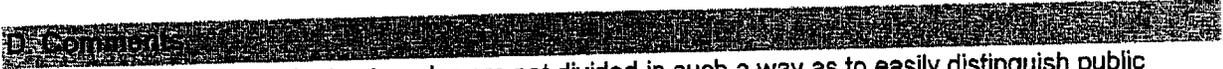
B. Conservation Information Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	131791	142624
2. Actual Expenditures	124755	

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."



Western's budget categories are not divided in such a way as to easily distinguish public information program expenditures solely for water conservation. The dollar amounts in section B above include all public information activities.

Reported as of 3/7/07

BMP 08 - School Education Programs

Reporting Unit: **Western MWD of Riverside County - Wholesale** 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	29	9532	1
Grades 4th-6th	yes	0	0	1
Grades 7th-8th	yes	0	0	0
High School	yes	1	30	0

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

4. When did your Agency begin implementing this program? 09/01/1982

B. School Education Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	64661	61783
2. Actual Expenditures	68418	

C. Agency's Effectiveness

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

No comment BMP 8 Wholesale

Reported as of 3/7/07

BMP 10 Wholesale Agency Assisted Programs

Reporting Unit:
Western MWD of Riverside County - Wholesale

BMP Form Status:
100% Complete

Year:
2003

Implementation

1. Financial Support by BMP

BMP	Financial Incentives Offered?	Budgeted Amount	Amount Awarded	BMP	Financial Incentives Offered?	Budgeted Amount	Amount Awarded
1	yes	0	0	8	No	0	0
2	yes	0	0	9	yes	0	0
3	No	0	0	10	yes	7109	5615
4	No	0	0	11	No	0	0
5	yes	20000	20000	12	No	0	0
6	yes	0	0	13	No	0	0
7	No	0	0	14	yes	0	0

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? yes
- 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	No
3	No	10	No

4	No	11	No
5	No	12	No
6	No	13	No
7	No	14	No

	This Year	Next Year
1. Budgeted Expenditures	44127	43212
2. Actual Expenditures	29212	

C. Is your Agency Implementing an "at least as effective as" variant of this BMP?

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

All BMP incentives offered by Metropolitan Water District of Southern California are passed through to Western's subagencies. Western and its subagencies participate in MWD's regional CII incentive program. Western's Board approved payment of 50% of its subagencies' CUWCC dues in 2003. Western sponsors a regional school education program and included activities in its general service area. Western staff meets with its subagency members on a bi-monthly basis to discuss water conservation and education programs in an effort to aid in their BMP implementation efforts.

Reported as of 3/7/07

BMP for Conservation Pricing

Reporting Unit: Vestern MWD of Riverside County - Wholesale	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
- b. Sewer Rate Structure
- c. Total Revenue from Volumetric Rates \$
- d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources \$

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 Uniform
- b. Sewer Rate Structure Service Not Provided
- c. Total Revenue from Volumetric Rates \$23262077
- d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources \$131820

B. Conservation Pricing Program Expenditures

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

C. Agency Implementation

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

No comments regarding BMP 11 - Wholesale

Reported as of 3/7/07

BMP 12 - Conservation Coordinator

Reporting Unit: **Western MWD of Riverside County - Wholesale** 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? 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? 60%
 - b. Coordinator's Name Tim Barr
 - c. Coordinator's Title Communication Specialist
 - d. Coordinator's Experience and Number of Years 12 YEARS
 - e. Date Coordinator's position was created (mm/dd/yyyy) 01/12/1994
- 6. Number of conservation staff, including Conservation Coordinator. 1

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	16778	17029
2. Actual Expenditures	17762	

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

No comments - BMP 12 - Wholesale

Reported as of 3/7/07

