

SOUTH ORANGE COUNTY WMA 2015 IRWM IMPLEMENTATION GRANT PROPOSAL**ATTACHMENT 1****AUTHORIZATION AND ELIGIBILITY REQUIREMENTS****Urban Water Management Compliance**

Municipal Water District of Orange County (MWDOC), Santa Margarita Water District (SMWD), and South Coast Water District (SCWD) are urban water suppliers that will receive funding from the proposed grant. Both SMWD and SCWD submitted urban water management compliance documentation with the 2014 IRWM Drought Grant Solicitation proposal and are therefore not required to submit urban water management compliance with this proposal. MWDOC's information is provided below:

Urban Water Supplier Name	Contact Phone Number	E-Mail Address	DWR Verification Documentation for UWMP	AB 1420 self-Certification Documentation	Water Metering Compliance CWC 525 Self-Certification Documentation
Municipal Water District of Orange County	(714) 593-5008	jberg@mwdoc.com	Attached	Attached	Attached

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791

RECEIVED

NOV 21 2011

MWD OF OC

November 10, 2011

Mr. Kevin Hunt, General Manager
Municipal Water District of Orange County
18700 Ward Street
Fountain Valley, California 92708

Dear Mr. Hunt:

The Department of Water Resources (DWR) has reviewed the Municipal Water District of Orange County's (MWDOC) 2010 Urban Water Management Plan (UWMP) received on July 20, 2011. The California Water Code (CWC) directs DWR to report to the legislature once every five years on the status of submitted plans. In meeting this legislative reporting requirement, DWR reviews all submitted plans.

DWR's review of MWDOC's 2010 plan has found that the plan has addressed the overall requirements of the CWC. DWR recommends that MWDOC, in updating its Plan in 2015, quantify the current and projected water sales to each of its retailers for the 20 year UWMP planning period. By including this data in future plans, MWDOC's plan will better meet the requirements of Water Code Section 10631 (e) (1) (g).

DWR's review of plans is limited to assessing whether suppliers have addressed the required legislative elements. In its review DWR does not evaluate or analyze the supplier's UWMP data, projections or water management strategies. This letter is simply meant to acknowledge that MWDOC has addressed these requirements. The results of the review will also be provided to DWR's Financial Assistance Branch.

If you have any questions regarding the review of the plan or urban water management planning please don't hesitate to email or call.

Sincerely

A handwritten signature in black ink, appearing to read "Peter Brostrom".

Peter Brostrom
UWMP Program Manager
brostrom@water.ca.gov
(916) 651 7034

cc: Sergio Fierro
DWR Southern Regional Office

BMPs required for Wholesaler Supplier	BMPs required for Retail Supplier	BMPs	BMP Implemented by Retailers and/or Wholesalers / BMP			Compliance Options/Alternative Conservation Approaches (1)			BMP is Exempt (2)			BMP Implementation Requirements Met				All Supporting Documents have been Submitted Yes/No		
			Retailer Yes/No	Wholesaler Yes/No	Regional Yes/No	BMP Checklist	Flex Track	Gallons Per Capita Per Day GPCD	Not Cost Effective	Lack of Funding	Lack of Legal Authority	CUWCC MOU Requirement Met: Retailer Yes/No	CUWCC MOU Requirement Met: Wholesaler Yes/No	Date of BMP Report Submitted to CUWCC for (2007-2008) (MOU Signatories)	Date BMP Implementation Data Submitted to DWR in CUWCC Format (Non MOU Signatories) (3)			
	✓	BMP 5 Large Landscape Conservation Programs and Incentives																
	✓	BMP 6 High-Efficiency Washing Machine Rebate Programs																
	✓	BMP 7 Public Information		Yes	Yes	✓												
	✓	BMP 8 School Education		Yes	Yes	✓												
	✓	BMP 9 Conservation programs for Commercial, Industrial, and Institutional (CII) Accounts																
	✓	BMP 10 Wholesaler Agency Assistance Programs		Yes	Yes	✓												
	✓	BMP 11 Conservation Pricing																
	✓	BMP 12 Conservation Coordinator		Yes	Yes	✓												
	✓	BMP 13 Water Waste Prohibitions																
	✓	BMP 14 Residential ULFT Replacement Programs																

**C6: Wholesaler may also be a retailer (supplying water to end water users)
 **C8, **C9, ** and C-10: Agencies choosing an alternative conservation approach are responsible for achieving water savings equal or greater than that which they would have achieved using only BMP list

(1) For details, please see: <http://www.cuwcc.org/mou/exhibit-1-bmp-definitions-schedules-requirements.aspx>.

(2) BMP is exempt based on cost-effectiveness, lack of funding, and lack of legal authority criteria as detailed in the CUWCC MOU

(3) Non MOU signatories must submit to DWR reports and supporting documents in the same format as CUWCC.



CUWCC BMP Wholesale Coverage Report 2011

Foundational Best Management Practices for Urban Water Efficiency

BMP 1.1 Wholesale Agency Assistance Programs

ON TRACK

168 Municipal Water District of Orange County

Name: Joe Berg

Email: jberg@mwdoc.com

a) Financial Investments and Building Partnerships

BMP Section	Monetary Amount for Financial Incentives	Monetary Amount for Equivalent Resources
BMP 5 Landscape	254545.29	643370
BMP 4 CII	10573.61	344440
BMP 3 Residential	58479.53	0
BMP 2.2 School Education Program	37416.96	0
BMP 2.1 Public Outreach	70156.8	0
BMP 1.4 Retail Conservation Pricing	28062.72	112586
BMP 1.3 Metering with Commodity	14031.36	0
BMP 1.2 Wate Loss Control	18708.48	0
BMP 1.1 Operation Practices	9354.24	0

b) Technical Support

c) Retail Agency

Retail Agency Name	Program Description
	See uploaded document titled BMP 1-Operations Practices FY11-12-Wholesale for Program Management efforts.

d) Water Shortage Allocation

Adoption Date:

File Name: See uploaded document titled BMP 1-Operations Practices FY11-12-Wholesale for Water Shortage Allocation efforts.

e) Non signatory Reporting of BMP implementation by non-signatory Agencies

See uploaded document for this BMP

f) Encourage CUWCC Membership List Efforts to Recruit Retailers

See uploaded document titled BMP 1-Operations Practices FY11-12-Wholesale for recruiting efforts.

At Least As effective As

No

[Empty box]

Exemption

No

0

Comments:



CUWCC BMP Wholesale Coverage Report 2012

Foundational Best Management Practices for Urban Water Efficiency

BMP 1.1 Wholesale Agency Assistance Programs

ON TRACK

168 Municipal Water District of Orange County

Name: Joe Berg

Email: jberg@mwdoc.com

a) Financial Investments and Building Partnerships

BMP Section	Monetary Amount for Financial Incentives	Monetary Amount for Equivalent Resources
BMP 1.1 Operation Practices	7948.84	0
BMP 1.2 Wate Loss Control	7948.84	0
BMP 1.3 Metering with Commodity	3974.42	10000
BMP 1.4 Retail Conservation Pricing	11923.26	131705
BMP 2.1 Public Outreach	71539.56	0
BMP 2.2 School Education Program	23846.52	0
BMP 3 Residential	60554.71	0
BMP 4 CII	102477.97	235862
BMP 5 Landscape	222300.89	799939

b) Technical Support

c) Retail Agency

Retail Agency Name	Program Description
	See uploaded document titled BMP 1-Operations Practices FY11-12-Wholesale for Program Management efforts.

d) Water Shortage Allocation

Adoption Date:

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See uploaded document titled BMP 1-Operations Practices FY11-12-Wholesale for recruiting efforts.

At Least As effective As

No

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Exemption

No

0

Comments:



CUWCC BMP Coverage Report 2011

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.2 Water Loss Control

On Track

168 Municipal Water District of Orange County

Completed Standard Water Audit Using AWWA Software? No

AWWA File provided to CUWCC? No

AWWA Water Audit Validity Score?

Complete Training in AWWA Audit Method Yes

Complete Training in Component Analysis Process? Yes

Component Analysis? No

Repaired all leaks and breaks to the extent cost effective? Yes

Locate and Repair unreported leaks to the extent cost effective? Yes

Maintain a record keeping system for the repair of reported leaks, including time of report, leak location, type of leaking pipe segment or fitting, and leak running time from report to repair. No

Provided 7 Types of Water Loss Control Info

Leaks Repairs	Value Real Losses	Value Apparent Losses	Miles Surveyed	Press Reduction	Cost Of Interventions	Water Saved (AF)

At Least As effective As

Exemption

Comments:

MWDOC conducted a study in partnership with five member agencies (cities of Brea, Huntington Beach, and Tustin, Laguna Beach County Water District, and Moulton Niguel Water District) that used the AWW/IWA Audit tools. This study was funded by MWD.



CUWCC BMP Coverage Report 2012

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.2 Water Loss Control

On Track

168 Municipal Water District of Orange County

Completed Standard Water Audit Using AWWA Software? No

AWWA File provided to CUWCC? No

AWWA Water Audit Validity Score?

Complete Training in AWWA Audit Method Yes

Complete Training in Component Analysis Process? No

Component Analysis? No

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At Least As effective As

Exemption

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CUWCC BMP Coverage Report 2011

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.3 Metering With Commodity

ON TRACK

168 Municipal Water District of Orange County

Numbered Unmetered Accounts No

Metered Accounts billed by volume of use Yes

Number of CII Accounts with Mixed Use Meters 0

Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? No

Feasibility Study provided to CUWCC? No

Date: 1/1/0001

Uploaded file name:

Completed a written plan, policy or program to test, repair and replace meters No

At Least As effective As

Exemption

Comments:

As a wholesale MWD member agency, MWDOC does not own/operate a distribution system including water meters. Water is served directly from MWD's distribution system to the MWDOC member agency distribution systems. MWD owns, calibrates & repairs meters.



CUWCC BMP Coverage Report 2012

Foundational Best Management Practices For Urban Water Efficiency

BMP 1.3 Metering With Commodity

ON TRACK

168 Municipal Water District of Orange County

Numbered Unmetered Accounts	No
Metered Accounts billed by volume of use	Yes
Number of CII Accounts with Mixed Use Meters	0
Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	No
Feasibility Study provided to CUWCC?	No
Date: 1/1/0001	
Uploaded file name:	
Completed a written plan, policy or program to test, repair and replace meters	No

At Least As effective As

Exemption

Comments:

As a wholesale MWD member agency, MWDOC does not own/operate a distribution system including water meters. Water is served directly from MWD's distribution system to the MWDOC member agency distribution systems. MWD owns, calibrates & repairs meters.



CUWCC BMP Coverage Report 2011

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

168 Municipal Water District of Orange County Wholesale Only

Does your agency perform Public Outreach programs? **Yes**

The list of retail agencies your agency assists with public outreach

City of Anaheim, PUD
See attached list

The name of agency, contact name and email address if not CUWCC Group 1 members

Did at least one contact take place during each quarter of the reporting year? **No**

Public Outreach Program List	Number
General water conservation information	25000
Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets	354750
Website	43000
Landscape water conservation media campaigns	225000
Newsletter articles on conservation	58800
Total	706550

Did at least one contact take place during each quarter of the reporting year? **Yes**

Number Media Contacts	Number
Articles or stories resulting from outreach	10
Editorial board visits	1
News releases	8
Newspaper contacts	24
Radio contacts	2
Television contacts	5
Total	50

Did at least one website update take place during each quarter of the reporting year? **Yes**

Public Information Program Annual Budget

Annual Budget Category	Annual Budget Amount
Total Public Information Budget	205136
Total Water Use Efficiency Marketing Budget	40000
Total Amount:	245136

Description of all other Public Outreach programs

Orange County Garden Friendly Program



CUWCC BMP Coverage Report 2011

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

Comments:

At Least As effective As

No

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Exemption

No

0



CUWCC BMP Coverage Report 2012

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

168 **Municipal Water District of Orange County** Wholesale Only

Does your agency perform Public Outreach programs? Yes

The list of retail agencies your agency assists with public outreach

City of Anaheim, PUD
See attached list

The name of agency, contact name and email address if not CUWCC Group 1 members

Did at least one contact take place during each quarter of the reporting year? No

Public Outreach Program List	Number
General water conservation information	25000
Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets	631700
Website	38000
Newsletter articles on conservation	72800
Email Messages	555
Total	768055

Did at least one contact take place during each quarter of the reporting year? Yes

Number Media Contacts	Number
Articles or stories resulting from outreach	12
Editorial board visits	1
News releases	10
Newspaper contacts	24
Radio contacts	2
Television contacts	5
Total	54

Did at least one website update take place during each quarter of the reporting year? Yes

Public Information Program Annual Budget

Annual Budget Category	Annual Budget Amount
Total Public Information Budget	254909
Water Use Efficiency Marketing Budget	40000
Total Amount:	294909

Description of all other Public Outreach programs

Orange County Garden Friendly Program



CUWCC BMP Coverage Report 2012

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.1 Public Outreach

ON TRACK

Comments:

At Least As effective As

No

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Exemption

No

0



CUWCC BMP Coverage Report 2011

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.2 School Education Programs

ON TRACK

168 Municipal Water District of Orange County

Wholesale Only

Does your agency implement School Education programs?

Yes

The list of retail agencies your agency assists with public outreach

City of Anaheim, PUD

Please see attached list.

Materials meet state education framework requirements?

Yes

All lessons are aligned with the California Science Content Standards to achieve the state education framework requirements.

Materials distributed to K-6?

Yes

Grade-specific education booklets featuring mascot Ricki the Rambunctious Raindrop. Booklets contain lessons and hands-on activities that are designed to reinforce and augment the concepts taught in the large group assemblies (described below).

Materials distributed to 7-12 students?

No (Info Only)

Annual budget for school education program:

169573.00

Description of all other water supplier education programs

OC Water Hero Program (described below)

Comments:

At Least As effective As

No

Exemption

No

0



CUWCC BMP Coverage Report 2012

Foundational Best Management Practices For Urban Water Efficiency

BMP 2.2 School Education Programs

ON TRACK

168 Municipal Water District of Orange County

Wholesale Only

Does your agency implement School Education programs?

Yes

The list of retail agencies your agency assists with public outreach

City of Anaheim, PUD

Please see attached list

Materials meet state education framework requirements?

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Materials distributed to K-6?

Yes

Grade-specific education booklets featuring mascot Ricki the Rambunctious Raindrop. Booklets contain lessons and hands-on activities that are designed to reinforce and augment the concepts taught in the large group assemblies (described below).

Materials distributed to 7-12 students?

No (Info Only)

Annual budget for school education program:

201631.00

Description of all other water supplier education programs

OC Water Hero Program (described below)

Comments:

At Least As effective As

No

Exemption

No

0

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

In 2004, Assembly Bill 2572 added section 529.5 to the Water Code, providing that, commencing January 1, 2010, urban water suppliers must meet certain volumetric pricing and water metering requirements in order to apply for permits for new or expanded water supply, or state financial assistance for the following types of projects:

1. wastewater treatment projects
2. water use efficiency projects (including water recycling projects)
3. drinking water treatment projects

For the purposes of compliance with Section 529.5, a "water use efficiency project" means an action or series of actions that ensure or enhance the efficient use of water or result in the conservation of water supplies.

Please consult with your legal counsel and review sections 525 through 529.7 of the Water Code before completing this certification.

Applicants Affected

This requirement applies to urban water suppliers.

"Urban water supplier" means a supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers.

When Certification is Required

State Water Resources Control Board (SWRCB): The application for financial assistance must include a completed and signed certification form demonstrating compliance with the water metering requirements.

Department of Water Resources (DWR) funding applications: This certification must be completed and submitted with the funding application. Check the specific proposal solicitation package for directions on applicability and submittal instructions.

Department of Public Health (DPH) Safe Drinking Water State Revolving Fund Program: This certification must be completed and submitted with the executed Notice of Acceptance of Application (NOAA).

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

Funding Agency name: Department of Water Resources

Funding Program name: Prop 84 – 2015 IRWM Implementation Grant

Applicant (Agency name): Municipal Water District of Orange County / County of Orange

Project Title (as shown on application form): South Orange County WMA 2015 IRWM -
Strategic Turfgrass Removal & Design Assistance Program

Please check one of the boxes below and sign and date this form.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

Robert J. Hunter
Name of Authorized Representative
(Please print)


Signature

General Manager
Title

July 14, 2015
Date