

**Appendix D:
CUWCC BMP Reports**



CUWCC BMP COVERAGE REPORT FOR WHOLESALE AGENCIES

Foundation Best Management Practices for Urban Water Efficiency

Agency: **San Diego County Water Authority** District Name: **San Diego County Water Authority** CUWCC Unit #: **196**

Primary Contact: **Lori Swanson**

Email: **lswanson@sdcwa.org**

Base Year: Fiscal Calendar or Fiscal Year Reporting

Report Date: **27-May-11**

Foundational BMPs

BMP 1.1.3 Wholesale Agency Assistance Programs

Date of 2009 Data Download

Date of 2010 Data Download

a) Financial investments and building partnerships Value of resources provided to retailers for:	2009 Monetary Amount for Financial Incentives	2009 Monetary Amount for Equivalent Resources
2009		
BMP 1.1 Operational Practices	\$ 1,974	no data
BMP 1.1 Operational Practices 7 FT staff	no data	\$ 749,194
BMP 2.1 Public Outreach	\$ 630,323	no data
BMP 3 Residential	\$ 1,745,337	no data
BMP 4 CII	\$ 1,022,903	no data
BMP 5 Landscape	\$ 2,566,288	no data
Total Value of Resources	\$ 5,966,825	\$ 749,194
	On Track	On Track
2010		
BMP 1.1 Operational Practices	\$ 1,130,601	no data
BMP 1.1 Op. Practices 8.75 FT staff	no data	\$ 911,287
BMP 2.1 Public Outreach	\$ 467,560	no data
BMP 3 Residential	\$ 487,722	no data
BMP 4 CII	\$ 410,229	no data
BMP 5 Landscape	\$ 1,178,899	no data
Total Value of Resources	\$ 3,675,011	\$ 911,287
	On Track	On Track

"On Track" if Retailer accepted offer and Wholesaler provided resources. "Not on Track" if Retailer accepted offer and Wholesaler did not provide resources.

Agency: **San Diego County Water Authority**

District Name: **San Diego County Water Authority**

CUWCC Unit #: **196**

b) Technical Support	2009 Technical Support Description Grant development and implementation; water savings estimates for water conservation devices; historical database that supports all SDCWA and MWD program devices; liaison between MWD and member agencies for supplemental funding agreements and MOUs.	2010 Technical Support Description Grant development and implementation; water savings estimates for water conservation devices; historical database that supports all SDCWA and MWD program devices; liaison between MWD and member agencies for supplemental funding agreements and MOUs.	" On Track" if Retailer accepted and Wholesaler provided and described Technical Support

On Track

On Track

	2009		2010		
c) Retail Agency	Programs Managed for Retailers no data no data no data no data no data no data no data	Refer to email submittal of this BMP no data no data no data no data no data no data	Programs Managed for Retailers no data no data no data no data no data no data no data	Refer to email submittal of this BMP no data no data no data no data no data no data	" On Track" if Retailer accepted and Wholesaler provided and lists programs managed for retailers

On Track

On Track

d) Water Shortage Allocation		2009		2010	
	Has Water shortage plan or policy been adopted?	December 6, 2007 http://www.sdcwa.org/water-shortage-and-drought-response-plan	Adoption Date File Name	no data http://www.sdcwa.org/water-shortage-and-drought-response-plan	"OnTrack" if plan /policy adopted and document provided. "Not on Track" if no water shortage plan or policy adopted or document not provided.

On Track

On Track

e) Non signatory Reporting of BMP implementation by non-signatory agencies	Not able to report	Not able to report	Report if possible
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On Track

On Track

f) Encourage CUWCC Membership List Efforts to recruit retailers	List Efforts to recruit retailers SDCWA_196_2009_BMP1.1 CUWCC dues pmt.pdf	List Efforts to recruit retailers SDCWA_196_BMP 1-1 CUWCC dues pmt.pdf	"On Track" if efforts listed or dues paid.

On Track

On Track

Agency: **San Diego County Water Authority**

District Name: **San Diego County Water Authority**

CUWCC Unit #: **196**

BMP 1.2 Water Loss Control

	2009	
Complete a prescreening Audit	Yes	On Track
Metered Sales AF	558,262	
Verifiable Other Uses AF	213	
Total Supply AF	558,475	
(Metered Sales + System uses)/ Total Supply >0.89	1.00	On Track
If ratio is less than 0.9, complete a full scale Audit in 2009?	Yes	On Track
Verify Data with Records on File?	Yes	On Track
Operate a system Leak Detection Program?	Yes	On Track

Date of 2009 Data Submittal: #N/A

Date of 2010 Data Submittal: June 10, 2011

On Track if Yes
Metered sales to retail agencies
Into wholesale system
On Track if =>.89, Not on Track if No
On Track if Yes
On Track if Yes
On Track if Yes

Comments

For wholesalers AWWA methodology applies to supplies to wholesalers, sales to retail agencies or sub wholesalers, and pipelines operated by wholesalers. End use retail customers are not considered in this

	2010	
Compile Standard Water Audit using AWWA Software?	Yes	On Track
AWWA file provided to CUWCC?	Yes	On Track
AWWA Water Audit Validity Score?	94	
Completed Training in AWWA Audit Method?	yes	
Completed Training in Component Analysis Process?	Yes	
Complete Component Analysis?	no	
Repaired all leaks and breaks to the extent cost effective?	Yes	On Track
Locate and repair unreported leaks to the extent cost effective.	Yes	On Track
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.		
Provided 7 types of Water Loss Control Info		
Leaks Value Real Value Miles Press Cost Water Lost from Repair Losses Apparent Surveyed Reduction Interventions Leaks AF		
no data \$ - \$ - 0 No \$ - no data		

On Track if Yes, Not on Track if No
On Track if Yes, Not on Track if No
Info only until 2012
Info only until 2012
Info only until 2012
Info only until 2012
On Track if Yes, Not on Track if No
On Track if Yes, Not on Track if No
Info only until 2012
info only until 2012

Agency: **San Diego County Water Authority**

District Name: **San Diego County Water Authority**

CUWCC Unit #: **196**

1.3 METERING WITH COMMODITY RATES FOR ALL NEW CONNECTIONS AND RETROFIT OF EXISTING CONNECTIONS

Date of 2009 Data Submittal: **May 20, 2011**
Date of 2010 Data Submittal: **May 20, 2011**

	2009	2010
Exemption requested?	No	No
At least as Effective As Requested?	No	No
Does Agency have Unmetered Deliveries to Retail Agencies or Other Wholesalers?	No	No
Metered Accounts billed by volume of use	Yes	Yes
Completed a written plan, policy or program to test, repair and replace meters	Yes On Track	Yes On Track

Volumetric billing required for all connections on same schedule as metering

On Track if Yes, Not on Track if No



CUWCC BMP COVERAGE REPORT FOR WHOLESALE AGENCIES

Foundation Best Management Practices for Urban Water Efficiency

Agency: **San Diego County Water Authority**
 WHOLESALE Water Supplier

District Name: **San Diego County Water Authority**

CUWCC Unit #: **196**

Coverage Report Date: **May 19, 2011**

Primary Contact: **Lori Swanson**

Email: **lswanson@sdcwa.org**

BMP 2. EDUCATION PROGRAMS

date 2009 datafile downloaded: **May 26, 2011**

BMP 2.1 Public Outreach Actions Implemented and Reported to CUWCC

date 2010 datafile downloaded: **May 26, 2011**

- 1) Contacts with the public (minimum = 4 times per year)
- 2) Water supplier contacts with media (minimum = 4 times per year, i.e., at least quarterly).
- 3) An actively maintained website that is updated regularly (minimum = 4 times per year, i.e., at least quarterly).
- 4) Description of materials used to meet minimum requirement.
- 5) Annual budget for public outreach program.
- 6) Description of all other outreach programs

	2009	2010
1) Contacts with the public (minimum = 4 times per year)	121	71
2) Water supplier contacts with media (minimum = 4 times per year, i.e., at least quarterly).	2,207	1,198
3) An actively maintained website that is updated regularly (minimum = 4 times per year, i.e., at least quarterly).	Yes	Yes
4) Description of materials used to meet minimum requirement.	Newsletter articles on conservation General water conservation information Website Landscape water conservation media campaign News releases Articles or stories resulting from outreach Written editorials Newspaper contacts	General water conservation information Website Flyers and/or brochures, bill stuffers, message Landscape water conservation media campaign News releases Articles or stories resulting from outreach Newspaper contacts Television contacts
5) Annual budget for public outreach program.	\$ 1,176,375	\$ 1,300,133
6) Description of all other outreach programs	Description is too large for text area. Data will be stored in the BMP Reporting database when online.	Public Affairs section that helped support conservation outreach messaging -- media relations, community relations, online communications, graphic design, etc.
	On Track for 6 Actions	On Track for 6 Actions

All 6 action types implemented and reported to CUWCC to be 'On Track')

Agency: **San Diego County Water Authority**

WHOLESALE Water Supplier

District Name: **San Diego County Water Authority**

CUWCC Unit #: **196**

Coverage Report Date: **May 19, 2011**

2.2 School Education Programs Implemented and Reported to CUWCC

date 2009 datafile downloaded: **May 26, 2011**

date 2010 datafile downloaded: **May 26, 2011**

Does this wholesale agency implement School Education Programs for Sub Wholesalers or Retail unility's benefit?

2009

2010

Yes

Yes

Names of Sub Wholesale and Retail Agencies benefiting from Program?

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Helix Water District, Lakeside Water District, City of

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Helix Water District, Lakeside Water District, City of

1) Curriculum materials developed and/or provided by wholesale agency

3rd & 4th grade history video/dvd, "Give Water a Second Chance...Re-cycle it!" for 5th grade, Be Water Smart DVD, Water Quality Testing Kit for high school science teachers' classroom use, Water Science in a Box for 1st, 2nd and 3rd grades, "Watersheds, W

3rd & 4th grade history video/dvd, "Give Water a Second Chance...Re-cycle it!" for 5th grade, Be Water Smart DVD, Water Quality Testing Kit for high school science teachers' classroom use, Water Science in a Box for 1st, 2nd and 3rd grades, Waterssheds, W

All 5 actions types implemented and reported to CUWCC to be 'On Track'

2) Materials meet state education framework requirements and are grade-level appropriate?

Yes

Yes

3) Materials Distributed to K-6?

Yes

Yes

Describe K-6 Materials

3rd & 4th grade history video/dvd, "Give Water a Second Chance...Recycle it!" booklet for 5th grade, Be Water Smart DVD for 4th-6th grades, Water Science in a Box for grades 1st, 2nd and 3rd

3rd & 4th grade history video/dvd, "Give Water a Second Chance...Recycle it!" Booklet for 5th grade, Be Water Smart DVD for 4th-6th grades

Describe materials to meet minimum requirements

Materials distributed to 7-12 students?

Yes

Yes

4) Annual budget for school education program.

\$ 450,500

\$ 451,500

Info Only

5) Description of all other water supplier education programs

Traveling Library Program, Youth and Scout Patch Program, 20-Gallon Challenge Student Pledge Contest, Splash Science Mobile Lab, H2O Where Did You Go? Theatre Program

Traveling Library Program, Youth and Scout Merit Patch Program, 20-Gallon Challenge Student Pledge Contest, WaterSm "ART" Essay Contest, Splash Science Mobile Lab, H2O Where Did You Go? Theatre Program

On Track

On Track

The fields in red are required.



Agency name:

Reporting unit name (District name):

Reporting unit number:

Primary contact: First name:

Last name:

Email:

CUWCC BMP Report Forms

You must enter the reporting unit that we have on record for your agency in order to process a coverage report. Click here to open a table to obtain this number.

2009 BMP 1.1 Operation Practices for Wholesalers

[View MOU](#)

Wholesale agency assistance programs

a. Financial Investments and Building Partnerships

List the total monetary amount of financial incentives and equivalent resources provided to retail members to assist with, or to otherwise support, implementation of BMPs, subtotaled by BMP. List regional partnerships developed to encourage resource conservation and maximize economies of scale benefits.

BMP Section and/or Sub-section Name	Monetary Amount for Financial Incentives	Monetary Amount for Equivalent Resources
<input type="text" value="BMP 1.1 Operational Practices"/>	<input type="text" value="\$1,974.00"/>	<input type="text"/>
<input type="text" value="BMP 1.1 Operational Practices 7 FT staff"/>	<input type="text"/>	<input type="text" value="\$749,194.00"/>
<input type="text" value="BMP 2.1 Public Outreach"/>	<input type="text" value="\$630,323.00"/>	<input type="text"/>
<input type="text" value="BMP 3 Residential"/>	<input type="text" value="\$1,745,337.00"/>	<input type="text"/>
<input type="text" value="BMP 4 CII"/>	<input type="text" value="\$1,022,903.00"/>	<input type="text"/>
<input type="text" value="BMP 5 Landscape"/>	<input type="text" value="\$2,566,288.00"/>	<input type="text"/>

b. Technical Support

Supply a summary of types of technical support provided to retail agencies

Grant development and implementation; water savings estimates for water conservation devices; historical database that supports all SDCWA and MWD program devices; liaison between MWD and member agencies for supplemental funding agreements and MOUs.

c. Program Management

If your wholesale agency has assumed reporting responsibility, list the programs managed on behalf of the retail agencies.

Retail Agency Name	Program Name
<input type="text"/>	<input type="text" value="Refer to email submittal of this BMP"/>
<input type="text"/>	<input type="text"/>

d. Water Shortage Allocation

If a water shortage allocation plan or policy has been developed, provide the date of adoption and electronic link to the document or hardcopy.

12/06/2007

Date Format: 05/15/2010

<http://www.sdcwa.org/water-shortage-and-drought-response-plan>

Enter the file name of the document.

Send it to natalie@cuwcc.org

e. Non-signatory Reporting

Receipt of reports

Not able to report

Enter the file name of the document.

Send it to natalie@cuwcc.org

f. Encourage CUWCC Membership

List of efforts to recruit retailers and amount of dues paid on behalf of retail agencies.

SDCWA_196_2009_BMP1.1_CUWCC_dues_pmt.pdf

Enter the file name of the document.

Send it to natalie@cuwcc.org

The fields in red are required.



Agency name: San Diego County Water Authority

Reporting unit name (District name) San Diego County Water Authority

Reporting unit number: 196

Primary contact:

First name: Lori

Last name: Swanson

Email: lswanson@sdcwa.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

[Link to FAQs](#)

[View MOU](#)

2009 BMP 1.2 Water Loss Control

Did your agency complete a pre-screening system audit in 2009? Yes No

If yes, answer the following:

Determine metered sales in AF: 558,262.00

Definition: other accountable uses not included in metered sales, such as unbilled water use, fire suppression, etc.

Determine system verifiable uses AF: 213.00

Determine total supply into the system in AF: 558,475.00

Does your agency keep necessary data on file to verify the answers above? Yes No

Did your agency complete a full-scale system water audit during 2009? Yes No

Does your agency maintain in-house records of audit results or the completed AWWA worksheet for the completed audit which could be forwarded to CUWCC? Yes No

Did your agency operate a system leak detection program? Yes No

Comments:

The San Diego County Water Authority (SDCWA) performs realtime balancing of the distribution system by monitoring flow meters throughout the system. The realtime metering of all sources and deliveries allows SDCWA to maintain accurate balance of the system at all times and it provides early detection of unreported leaks. SDCWA also performs a monthly reconciliation of all meters and conducts a loss/gain analysis of the system to confirm the system is within 2% delivery accuracy. In addition to the meter balancing on the system, SDCWA also performs routine visual right of way inspections to ensure unreported leaks are located and repaired quickly.

The fields in red are required.

Agency name: San Diego County Water Authority

Primary contact:

First name: Lori

Reporting unit name (District name): San Diego County Water Authority

Last name: Swanson

Reporting unit number: 196

Email: lswanson@sdcwa.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.



BMP 1.3 Metering with Commodity

[Link to FAQs](#)

[See the complete MOU: View MOU](#)

[See the coverage requirements for this BMP:](#)

Implementation

Does your agency have any unmetered service connections? Yes No

If YES, has your agency completed a meter retrofit plan? Yes No

Enter the number of previously unmetered accounts fitted with meters during reporting year:

Are all new service connections being metered? Yes No

Are all new service connections being billed volumetrically? Yes No

Has your agency completed and submitted electronically to the Council a written plan, policy or program to test, repair and replace meters? Yes No

Please Fill Out The Following Matrix

Account Type	# Metered Accounts	# Metered Accounts Read	# Metered Accounts Billed by Volume	Billing Frequency Per Year	# of estimated bills/yr
Other	121	121	121	Monthly	12
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	

Number of CII Accounts with Mixed-use Meters

Number of CII Accounts with Mixed-use Meters Retrofitted with Dedicated Irrigation Meters during Reporting Period

Feasibility Study

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? Yes No

If YES, please fill in the following information:

A. When was the Feasibility Study conducted

B. Email or provide a link to the feasibility study (or description of):

File name(s): Email files to natalie@cuwcc.org

Web address(s) URL: comma-separated list

General Comments about BMP 1.3:

1)"Other" account type are the service connections to the San Diego County Water A

The fields in red are required.

Primary contact:

Agency name: First name:
 Reporting unit name (District name): Last name:
 Reporting unit number: Email:

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.



[Link to FAQs](#)

2009

BMP 2.1 Public Outreach

[View MOU](#)

Is your agency performing Public Outreach for your Retailers?

Are there one or more retail agencies that count on your agency to help them comply with this BMP?

Yes No

Enter the name(s) of the retail agency (comma delimited)

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Helix Water District, Lakeside Water District, City of Oceanside Water Utilities, Olivenhain Municipal Water District, Otay

Is your agency performing public outreach?

Report a minimum of 4 water conservation related contacts your agency had with the public during the year.

Public Information Programs List

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

Number of Public Contacts	Public Information Programs
20	Newsletter articles on conservation
2,197,500	Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets
65	General water conservation information
34	Website
1	Landscape water conservation media campaigns

Contact with the Media

Are there one or more retail agencies that count on your agency to help them comply with this BMP?

Yes No

Enter the name(s) of the retail agency (comma delimited)

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Helix Water District, Lakeside Water District, City of Oceanside Water Utilities, Olivenhain Municipal Water

OR Wholesale Agency (Contacts with the Media)

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

Media Contacts List

Number of Media Contacts	Did at least one contact take place during each quarter of the reporting year?	Media Contact Types
17		News releases
77		Articles or stories resulting from outreach
5		Written editorials
1,649		Newspaper contacts
136		Radio contacts
323		Television contacts

Is a Wholesale Agency Performing Website Updates?

Did one or more retail agencies rely on your agency's responsibility for meeting the requirements of and for CUWCC reporting of this BMP? Yes No

Enter the name(s) of the retail agency (comma delimited)

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Helix Water District, Lakeside Water District, City of Oceanside Water Utilities, Olivenhain Municipal Water District, Otay Water District, Padre Dam MWD, Camp Pendleton, Marine Corps Base, City of Poway Water Utilities, Rainbow Municipal Water District, Ramona Municipal Water District, Rincon del Diablo Municipal Water District, City of San Diego Water Department, San Diego Water District, Santa Fe Irrigation District, Sweetwater Authority, Vallecitos Water District, Valley Center Municipal Water District, Vista Irrigation District, Yuima Municipal Water District

Is Your Agency Performing Website Updates?

Enter your agency's URL (website address):

www.sdcwa.org, www.20gallonchallenge.com, www.waterconservationsummit.com

Describe a minimum of four water conservation related updates to your agency's website that took place during the year:

www.sdcwa.org: Updates made 17 times to post conservation-related news releases.
 www.20gallonchallenge.com: Updates made 17 times to post conservation-related news releases. Other updates made periodically to reflect changes in program funding or status.
 www.waterconservationsummit.com: Updates made on at least 12 occasions -- six times to post meeting agendas for the Conservation Action Committee, and six times to post minutes from Conservation Action Committee meetings.

Did at least one Website Update take place during each quarter of the reporting year? Yes No

Public Outreach Annual Budget

Enter budget for public outreach programs. You may enter total budget in a single line or break the budget into discrete categories by entering many rows. Please indicate if personnel costs are included in the entry.

Category	Amount	Personnel Costs Included? <small>If yes, check the box.</small>	Comments
Public Affairs	\$1,164,875	<input checked="" type="checkbox"/>	Includes section of Public Affairs Department
Water Conserva	\$10,000	<input type="checkbox"/>	Platinum sponsor for the Quail Botanical Gar
Water Conserva	\$1,500	<input type="checkbox"/>	WaterSmart Landscape Award
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

Comments:

On June 2, 2009, the Water Authority held its third Water Conservation Summit at Cuyamaca Community College. With water shortage allocations set to begin in

The fields in red are required.



Agency name: Primary contact: First name: Last name: Email:

Reporting unit name (District name):

Reporting unit number:

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

[Link to FAQs](#)

2009

BMP 2.2 School Education Programs School Programs

[View MOU](#)

Is your agency implementing school programs which can be counted to help another agency comply with this BMP? Yes No

Enter retailer names, separated by commas:

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Hella Water District, Lakeside Water District, City of Oceanside Water Utilities, Olivenheim Municipal Water District, Otay Water District, Padre Dam MWD, Camp Pendleton, Marine Corps Base, City of Poway Water Utilities, Rainbow Municipal Water District, Ramona Municipal Water District, Rincon del Diablo Municipal Water District, City of San Diego Water Department, San Diego Water District, Santa Fe Irrigation District, Sweetwater Authority, Vallejos Water District, Valley Center Municipal Water District, Vista Irrigation District, Yuma Municipal Water District

Materials meet state education framework requirements?

Description of Materials

3rd & 4th grade history video/dvd, "Give Water a Second Chance...Re-cycle it!" for 5th grade, Be Water Smart DVD, Water Quality Testing Kit for high school science teachers' classroom use, Water Science in a Box for 1st, 2nd and 3rd grades, "Watersheds, Water & You" student workbook for 5th grade, Water Works! school-to-career curriculum, Water Smart garden curriculum.

Materials distributed to K-6 Students?

Description of materials distributed to K-6 Students

3rd & 4th grade history video/dvd, "Give Water a Second Chance...Recycle it!" booklet for 5th grade, Be Water Smart DVD for 4th-6th grades, Water Science in a Box for grades 1st, 2nd and 3rd

Number of students reached

Materials distributed to 7-12 Students?

Description of materials distributed to 7-12 Students

Water quality testing kits to high school science teachers for use in their classrooms - 13 science teachers trained reaching 1,009 students

Number of Distribution

Annual budget for school education program

Description of all other water supplier education programs

Traveling Library Program, Youth and Scout Patch Program, 20-Gallon Challenge Student Pledge Contest, Splash Science Mobile Lab, H2O Where Did You Go? Theatre Program

School Program Activities

Classroom presentations:

Number of presentations

Number of attendees

Large group assemblies:

Number of presentations

Number of attendees

Children's water festivals or other events:

Number of presentations

Number of attendees

Cooperative efforts with existing science/water education programs (various workshops, science fair awards or judging) and follow-up:

Number of presentations

Number of attendees

Other methods of disseminating information (i.e. themed age-appropriate classroom loaner kits):

Description

Number distributed

Staffing children's booths at events & festivals:

Number of booths

Number of attendees

Water conservation contests such as poster and photo:

Description

Number distributed

Offer monetary awards/funding or scholarships to students:

Number Offered

Total Funding

Teacher training workshops:

Number of presentations

Number of attendees

Fund and/or staff student field trips to treatment facilities, recycling facilities, water conservation gardens, etc.:

Number of tours or field trips

Number of participants

College internships in water conservation offered:

Number of internships

Total funding

Career fairs/workshops:

Number of presentations

Number of attendees

Additional program(s) supported by agency but not mentioned above:

Description

Number of events (if applicable)

Number of participants

Total reporting period budget expenditures for school education programs (include all agency costs):

Comments

The San Diego County Water Authority provided partial funding for 18 schools which were reached by the Splash Science Mc

The fields in red are required.



Agency name: Primary contact: First name:

Reporting unit name (District name): Last name:

Reporting unit number: Email:

CUWCC BMP Report Forms

You must enter the reporting unit that we have on record for your agency in order to process a coverage report. Click here to open a table to obtain this number.

2010 BMP 1.1 Operation Practices for Wholesalers

[View MOU](#)

Wholesale agency assistance programs

a. Financial Investments and Building Partnerships

List the total monetary amount of financial incentives and equivalent resources provided to retail members to assist with, or to otherwise support, implementation of BMPs, subtotaled by BMP. List regional partnerships developed to encourage resource conservation and maximize economies of scale benefits.

BMP Section and/or Sub-section Name	Monetary Amount for Financial Incentives	Monetary Amount for Equivalent Resources
BMP 1.1 Operational Practices	\$1,130,601.00	
BMP 1.1 Op. Practices 8.75 FT staff		\$911,287.00
BMP 2.1 Public Outreach	\$467,560.00	
BMP 3 Residential	\$487,722.00	
BMP 4 CII	\$410,229.00	
BMP 5 Landscape	\$1,178,899.00	

b. Technical Support

Supply a summary of types of technical support provided to retail agencies

Grant development and implementation; water savings estimates for water conservation devices; historical database that supports all SDCWA and MWD program devices; liaison between MWD and member agencies for supplemental funding agreements and MOUs.

c. Program Management

If your wholesale agency has assumed reporting responsibility, list the programs managed on behalf of the retail agencies.

Retail Agency Name	Program Name
	Refer to email submittal of this BMP

d. Water Shortage Allocation

If a water shortage allocation plan or policy has been developed, provide the date of adoption and electronic link to the document or hardcopy.

12/06/2007

Date Format: 05/15/2010

<http://www.sdcwa.org/water-shortage-and-drought-response-plan>

Enter the file name of the document.

Send it to natalie@cuwcc.org

e. Non-signatory Reporting

Receipt of reports

Not able to report

Enter the file name of the document.

Send it to natalie@cuwcc.org

f. Encourage CUWCC Membership

List of efforts to recruit retailers and amount of dues paid on behalf of retail agencies.

SDCWA 196 BMP 1-1 CUWCC dues pmt.pdf

Enter the file name of the document.

Send it to natalie@cuwcc.org

The fields in red are required.



Agency name: San Diego County Water Authority

Reporting unit name (District name): San Diego County Water Authority

Reporting unit number: 196

Primary contact:

First name: Lori

Last name: Swanson

Email: lswanson@sdewa.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

[Link to FAQs](#)

2010 BMP 1.2 Water Loss Control

[View MOU](#)

AWWA Water Audit

Agency to complete a Water Audit & Balance Using The AWWA Software Yes No
Email to natalie@cuwcc.org - Worksheets (AWWA Water Audit). Enter the name of the file below:

SDCWA_196_2010_BMP1-2 Water Loss Control_AWWA Water Audit Worksheet.pdf

Water Audit Validity Score from AWWA spreadsheet: 94

Agency Completed Training In The AWWA Water Audit Method Yes No

Agency Completed Training In The Component Analysis Process Yes No

Completed/Updated the Component Analysis (at least every 4 years)? Yes No

Component Analysis Completed/Updated Date: []

Water Loss Performance

Agency Repaired All Reported Leaks & Breaks To The Extent Cost Effective Yes No

Recording Keeping Requirements:

Date/Time Leak Reported	Leak Location
Type of Leaking Pipe Segment or Fitting	Leak Running Time From Report to Repair
Leak Volume Estimate	Cost of Repair

Agency Located and Repaired Unreported Leaks to the Extent Cost Effective Yes No

Type of Program Activities Used to Detect Unreported Leaks

The San Diego County Water Authority (SDCWA) performs realtime balancing of the distribution system by monitoring flow meters throughout the system.

Annual Summary Information

Complete the following table with annual summary information (required for reporting years 2-5 only)

Total Leaks Repaired	Economic Value Of Real Loss	Economic Value Of Apparent Loss	Miles Of System Surveyed For Leaks	Pressure Reduction Undertaken for loss reduction	Cost Of Interventions	Water Saved (AF/Year)

Comments:

Annual summary information will begin in 2011 and will be reported on the 2011 BMP 1-2 Water Loss Control form.

The fields in red are required.

Agency name: San Diego County Water Authority

Primary contact:

First name: Lori

Reporting unit name

(District name) San Diego County Water Authority

Last name: Swanson

Reporting unit number: 196

Email: lswanson@sdewa.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.



BMP 1.3 Metering with Commodity 2010

[Link to FAQs](#)

[See the complete MOU: View MOU](#)

[See the coverage requirements for this BMP:](#)

Implementation

Does your agency have any unmetered service connections? Yes No

If YES, has your agency completed a meter retrofit plan? Yes No

Enter the number of previously unmetered accounts fitted with meters during reporting year:

Are all new service connections being metered? Yes No

Are all new service connections being billed volumetrically? Yes No

Has your agency completed and submitted electronically to the Council a written plan, policy or program to test, repair and replace meters? Yes No

Please Fill Out The Following Matrix

Account Type	# Metered Accounts	# Metered Accounts Read	# Metered Accounts Billed by Volume	Billing Frequency Per Year	# of estimated bills/yr
Other	131	131	131	Monthly	12
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	
Other				Other	

Number of CII Accounts with Mixed-use Meters

Number of CII Accounts with Mixed-use Meters Retrofitted with Dedicated Irrigation Meters during Reporting Period

Feasibility Study

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? Yes No

If YES, please fill in the following information:

A. When was the Feasibility Study conducted

B. Describe, upload or provide an electronic link to the Feasibility Study Upload File

File name(s): Email files to natalie@cuwcc.org

Web address(s) URL: comma-separated list

Comments:

1)"Other" account type are the service connections to the San Diego County Water A



The fields in red are required.



Agency name: San Diego County Water Authority
 Reporting unit name (District name): San Diego County Water Authority
 Reporting unit number: 196

Primary contact:
 First name: Lori
 Last name: Swanson
 Email: lswanson@sdcwa.org

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

2010

BMP 2.1 Public Outreach

[Link to FAQs](#)

[View MOU](#)

Is your agency performing Public Outreach for your Retailers?

Are there one or more retail agencies that count on your agency to help them comply with this BMP?

Yes No

Enter the name(s) of the retail agency (comma delimited)

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Helix Water District, Lakeside Water District, City of Oceanside Water Utilities, Olivenhain Municipal Water District, Otay

Is your agency performing public outreach?

Report a minimum of 4 water conservation related contacts your agency had with the public during the year.

Public Information Programs List

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

Number of Public Contacts	Public Information Programs
37	General water conservation information
18	Website
47,500	Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets
1	Landscape water conservation media campaigns
14	Newsletter articles on conservation

Contact with the Media

Are there one or more retail agencies that count on your agency to help them comply with this BMP?

Yes No

Enter the name(s) of the retail agency (comma delimited)

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Helix Water District, Lakeside Water District, City of Oceanside Water Utilities, Olivenhain Municipal Water

OR Wholesale Agency (Contacts with the Media)

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

Media Contacts List

Number of Media Contacts	Did at least one contact take place during each quarter of the reporting year?	Media Contact Types
9		News releases
71		Articles or stories resulting from outreach
873		Newspaper contacts
171		Television contacts
72		Radio contacts
2		Written editorials

Is a Wholesale Agency Performing Website Updates?

Did one or more retail agencies rely on your agency's responsibility for meeting the requirements of and for CUWCC reporting of this BMP? Yes No

Enter the name(s) of the retail agency (comma delimited)

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Helix Water District, Lakeside Water District, City of Oceanside Water Utilities, Olivenhain Municipal Water District, Otay Water District, Padre Dam MWD, Camp Pendleton, Marine Corps Base, City of Poway Water Utilities, Rainbow Municipal Water District, Ramona Municipal Water District, Rincon del Diablo Municipal Water District, City of San Diego Water Department, San Diego Water District, Santa Fe Irrigation District, Sweetwater Authority, Vallecitos Water District, Valley Center Municipal Water District, Vista Irrigation District, Yuma Municipal Water District

Is Your Agency Performing Website Updates?

Enter your agency's URL (website address):

www.sdcwa.org, www.20gallonchallenge.com, www.waterconservationsummit.com

Describe a minimum of four water conservation related updates to your agency's website that took place during the year:

www.sdcwa.org: Updated 9 times to post conservation-related news releases.
 www.20gallonchallenge.com: Updated 9 times to post conservation-related news releases. Additional updates made to reflect changes in conservation programs.
 www.waterconservationsummit.com: Updated 12 times – updated six times to post Conservation Action Committee meeting agendas, and six times to post Conservation Action Committee meeting minutes.

Did at least one Website Update take place during each quarter of the reporting year? Yes No

Public Outreach Annual Budget

Enter budget for public outreach programs. You may enter total budget in a single line or break the budget into discrete categories by entering many rows. Please indicate if personnel costs are included in the entry.

Category	Amount	Personnel Costs Included? <small>If yes, check the box.</small>	Comments
Public Affairs	\$1,288,633	<input checked="" type="checkbox"/>	Public Affairs section that helped support con...
Water Conserva...	\$10,000	<input type="checkbox"/>	Platinum Sponsor for the Quail Botanical Gar...
Water Conserva...	\$1,500	<input type="checkbox"/>	WaterSmart Landscape Award
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

Comments:

The fields in red are required.



Agency name: Primary contact: First name: Last name: Email:

Reporting unit name (District name):

Reporting unit number:

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

2010

[Link to FAQs](#)

BMP 2.2 School Education Programs School Programs

[View MOU](#)

Is your agency implementing school programs which can be counted to help another agency comply with this BMP?

Yes No

Enter retailer names, separated by commas:

Carlsbad MWD, City of Del Mar Water Utilities, City of Escondido Utilities Administration, Fallbrook P.U.D., Hahn Water District, Lakeside Water District, City of Oceanside Water Utilities, Olivenhain Municipal Water District, Otay Water District, Pache Dam MWD, Camp Pendleton, Marine Corps Base, City of Poway Water Utilities, Rainbow Municipal Water District, Ramona Municipal Water District, Rincon del Diablo Municipal Water District, City of San Diego Water Department, San Diego Water District, Santa Fe Irrigation District, Sweetwater Authority, Vallecitos Water District, Valley Center Municipal Water District, Vista Irrigation District, Yuma Municipal Water District

Materials meet state education framework requirements?

Description of Materials

3rd & 4th grade history video/dvd, "Give Water a Second Chance...Re-cycle it!" for 5th grade, Be Water Smart DVD, Water Quality Testing Kit for high school science teachers' classroom use, Water Science in a Box for 1st, 2nd and 3rd grades, Watersheds, Water & You" student workbook for 5th grade, Water Works! school-to-career workbook, Water Smart garden curriculum

Materials distributed to K-6 Students?

Description of materials distributed to K-6 Students

3rd & 4th grade history video/dvd, "Give Water a Second Chance...Recycle it!" Booklet for 5th grade, Be Water Smart DVD for 4th-6th grades

Number of students reached

7,921

Materials distributed to 7-12 Students?

Description of materials distributed to 7-12 Students

Water Quality testing kits to high school science teachers for use in their classrooms---13 trained reaching 1,530 students

Number of Distribution

30

Annual budget for school education program

\$451,500.00

Description of all other water supplier education programs

Traveling Library Program, Youth and Scout Merit Patch Program, 20-Gallon Challenge Student Pledge Contest, WaterSm "ART" Essay Contest, Splash Science Mobile Lab, H2O Where Did You Go? Theatre Program

School Program Activities

Classroom presentations:

Number of presentations

Number of attendees

Large group assemblies:

Number of presentations

Number of attendees

Children's water festivals or other events:

Number of presentations

Number of attendees

Cooperative efforts with existing science/water education programs (various workshops, science fair awards or judging) and follow-up:

Number of presentations

Number of attendees

Other methods of disseminating information (i.e. themed age-appropriate classroom loaner kits):

Description

Number distributed

Staffing children's booths at events & festivals:

Number of booths

Number of attendees

Water conservation contests such as poster and photo:

Description

Number distributed

Offer monetary awards/funding or scholarships to students:

Number Offered

Total Funding

Teacher training workshops:

Number of presentations

Number of attendees

Fund and/or staff student field trips to treatment facilities, recycling facilities, water conservation gardens, etc.:

Number of tours or field trips

Number of participants

College internships in water conservation offered:

Number of internships

Total funding

Career fairs/workshops:

Number of presentations

Number of attendees

Additional program(s) supported by agency but not mentioned above:

Description

Number of events (if applicable)

Number of participants

Total reporting period budget expenditures for school education programs (include all agency costs):

Comments

The San Diego County Water Authority provided partial funding for 18 schools which were reached by the Splash Science Mo